INVENTUM ENGINEERING, PC

February 27, 2026

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 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, 2024, to October 5, 2025.

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 13, 2026. The NYSDEC's comments are reproduced in the bullets below followed by Inventum's response in *italics*.

- Section 1.1 – The BSA discharge permit was issued on February 10th, rather than February 19th
  The PRR has been revised in accordance with the comment.

- Table 2 – As indicated in your January 16th comment response letter, please note in the footnotes when the lab methods switched for the PFAS sampling
  The PRR has been revised in accordance with the comment.

- Attachment A – As indicated in your January 16th comment response letter, please check "Yes" for Box 1, Question 4 as a new discharge permit was issued from the BSA during the certifying period
  The PRR has been revised in accordance with the comment.

- Attachment E - Just to confirm the TTO analysis has been completed per footnote 4 in the BSA Discharge Permit? If yes, was it determined if additional analysis is required?
  Yes, the TTO analysis was completed. The TTO analysis involves test methods 608, 624, and 625. These are run for every quarterly discharge sample. Results above the TTO threshold of 0.01 mg/L will be reported if present. The BSA has not required any additional analysis.

Please feel free to call with any questions or comments.

INVENTUM ENGINEERING, PC
441 Carlisle Dr., Suite C
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Respectfully submitted,

Todd Waldrop

Partner
Enclosure

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, 2024 to October 5, 2025

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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 2024;
- 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 (Attachment C; Table 3).
- 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.
- There were no woodchucks or other burrowing animals identified during the reporting period.
- There were no excavations, change of use, or groundwater use on the Site during the reporting period.
- The Buffalo Sewer Authority (BSA) issued a new discharge permit (BSA Permit No. 25-01-BU109) on February 10, 2025, with an effective date of January 1, 2025. There were no exceedances of the BSA discharge permit during the reporting period.

1.2 Compliance

No areas of non-compliance have been identified.

1.3 Recommendations

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

2 Site Overview

2.1 Site Location

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

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

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

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

2.2 Chronology

Numerous environmental investigations have been completed for the Buffalo Color property, including Area D, dating back to the 1980s. In accordance with the order on consent, finalization of the Area D remedial investigation occurred from 1993 through 1996, and remediation occurred from 1996 through 2000. Remediation of the Site began on July 24, 1996. Planting 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 bathometric survey was conducted on April 29, 2015. Additional surveys will occur every 5 years to ensure that the riprap containment structure is in place and effectively preventing potentially impacted sediment migration;
- Execution and recording of an environmental easement in favor of NYSDEC to restrict land use and address future exposure to any remaining contamination at the Site. Elements of the environmental easement include establishing engineering and institutional controls, prohibiting groundwater use, providing protocols for disturbance of Site soils and/or groundwater, and limiting future land use to commercial or industrial use; and
- Development and implementation of a Site Management Plan for long term management of the site remedy as required by the environmental easement, which includes plans for institutional and engineering controls, performance monitoring, operation and maintenance, and reporting.

3 Progress During the Reporting Period

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

3.1 Exposure Potential

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

- The Site-wide inspection reports indicate that compliance with the Site institutional controls established by the environmental easement has been upheld. There were no excavations, change of Site use, or groundwater use that occurred during the reporting period.
- Site cover system inspection reports indicate the soil cover and cap system are intact and maintain suitable vegetation. No cover system maintenance is required at this time.
- Inspection sheets for the reporting period are provided as Attachment B. Inspections were conducted on a quarterly basis during the reporting period and included conditional observations of the soil cover, site slopes, surface drainage structures, access road, and extraction wells. There were no observations during the reporting period that indicated 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 slopes[1] and structures. Additionally, the lack of potentially impacted sediment migration from the SDA is verified through bathometric survey monitoring; performed every five years. The following bulleted items summarize the objective performance evaluation of Site remedial measures towards the mitigation of off-Site contaminant migration.

- A consistent inward gradient has been maintained across the hydraulic barrier; based upon the comparison of observation well measurements collected outside of the hydraulic barrier (near the Buffalo River) and those collected from neighboring interior observation wells (Attachment C, Table 3, and Figures 2 through 5) during pumping and non-pumping conditions (Table 3). The observation well measurements presented in Attachment C were collected prior to operating the groundwater extraction wells each month, e.g. static non-pumping conditions, and indicate minimal extraction is necessary to maintain an inward gradient and confirm the effectiveness of the engineering controls.
- 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.

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 Site[2];
- 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 vegetation[1] 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;
- Bathometric survey measurements collected for the SDA (5-year intervals), to ensure its internment and stability; and
- Hydraulic control behind the VHB is verified through the collection of groundwater elevation measurements from the observation well network, to confirm the presence of an inward hydraulic gradient.

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

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

[2] Area D has evolved into a wildlife habitat, no building 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 bathometric 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 2024-2025 MONITORING EVENT COMPLIANCE SUMMARY

Monitoring Type	Frequency	2024	2025		
		4th	1st	2nd	3rd
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	2015
Next Survey	2025

The 2025 SDA Bathymetric Survey results will be reported under separate cover in Q1 2026.

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 detected in the treated effluent sample at concentrations consistent with historical results (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 as evidenced by groundwater level measurements collected during static (e.g. non-pumping) conditions (Attachment C). Extraction pumps are typically operated for one hour one day a month to flush the lines and when an effluent sample is collected for BSA permit compliance. Approximately 33,401[3] gallons were extracted and treated over the reporting period.

[3] Calculated from extraction well totalizers between 9/30/2024 and 8/29/2025. No readings were collected in September 2025.

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 changed out once during the reporting period (August 2025). Bills of Ladings for the GAC is provided in Attachment F. A change out of the Multimedia Filter (MMF) was conducted in April 2025 in order to increase OM&M operator efficiency. A profile for this material is still pending and will be disposed of during the next reporting period. It is anticipated that GAC and MMF material will be changed on a semi-annual basis based on monitoring conducted during the first year of operation of the new GWTF.

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.

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 4, 2026.

Table

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

		1,2-Dichlorobenzene (a)	1,3-Dichlorobenzene (a)	1,4-Dichlorobenzene (a)	Aniline	Benzene	Cholorbenzene	2-Chlorophenol	Methylene Chloride	N-Nitrosodidiphenylamine	Naphthalene	Total Recoverable Phenols	Cyanide, Amenable	Total Phosphate as P
Class GA Standard**		**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
	09/29/25	<18	<22	<20	<7.5	<24	3,200	<3.5	<33	<4.5	<4.3	<3.5	46	320

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
	09/29/25	9.1	60 B	<3.9	<3.4	31

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)		9/29/2025		9/29/2025 DUP	
Perfluorinated Alkyl Acids (EPA 1633A)																							
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	<0.73		<0.73	
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	<0.73		<0.73	
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	<0.37		<0.37	
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	<0.37		<0.37	
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	0.79	J	0.99	J
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	4.7		4.4	
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	<0.37		<0.37	
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	<0.37		<0.37	
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	<0.37		<0.37	
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	<0.37		<0.37	
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	<0.59		<0.59	
PERFLUOROHEXANESULFONIC ACID	ng/L	47		56		57		2.2		2.3		2.4		2.2		<0.38	U	<0.37	U	0.72	J	1.1	J
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	<0.37		1.3	J
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	<1.5		<0.37	
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	<0.37		<0.37	
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	<0.96		<0.95	
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	2		1.6	
PERFLUOROPENTANOIC ACID (PFPeA)	ng/L	<37		4.4		4.6		3.3		3.1		1.9		2.4		<0.47	U	<0.47	U	1.6		1.7	
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	<0.37		<0.37	
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	<0.37		<0.37	
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	<0.37		<0.37	
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	0.24		0.24	

Notes:
1 - Compounds Detected Above the Method Detection Limit are presented in Bold Font.
2 - U - Not Detected above Method Detection Limit Shown; J =Esimated Value below the RL but above the MDL; B = analyte detected above the RL in the method blank; ng/L = nanograms per liter (parts per trillion equivalent); ug/L = micrograms per liter (parts per billion equivalent)
3 - PFAS samples were analyzed in accordance with EPA 537 Mod prior to the 2024-2025 reporting period (2021 through 2024).

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

Observation Wells - Distance Between Water Level and Top of Well Casing (ft bgs and ft. AMSL)																								
Date	D-OW-1I (ft.TOC)	D-OW-1I (ft.AMSL)	D-OW-1E (ft.TOC)	D-OW-1E (ft.AMSL)	D-OW-2I (ft.TOC)	D-OW-2I (ft.AMSL)	D-OW-2E (ft.TOC)	D-OW-2E (ft.AMSL)	D-OW-3I (ft.TOC)	D-OW-3I (ft.AMSL)	D-OW-3E (ft.TOC)	D-OW-3E (ft.AMSL)	D-OW-4I (ft.TOC)	D-OW-4I (ft.AMSL)	D-OW-4E (ft.TOC)	D-OW-4E (ft.AMSL)	D-OW-5I (ft.TOC)	D-OW-5I (ft.AMSL)	D-OW-5E (ft.TOC)	D-OW-5E (ft.AMSL)	D-OW-6I (ft.TOC)	D-OW-6I (ft.AMSL)	D-OW-6E (ft.TOC)	D-OW-6E (ft.AMSL)
10/28/2024	16.77	570.23	10.84	571.47	17.42	570.07	10.79	571.48	17.51	570.01	10.43	571.47	17.41	569.83	10.67	571.46	17.02	570.17	10.38	571.45	18.65	570.06	11.01	571.43
11/29/2024	16.63	570.37	9.97	572.34	17.25	570.24	9.67	572.60	17.31	570.21	9.37	572.53	16.96	570.28	9.74	572.39	16.89	570.30	9.49	572.34	18.46	570.25	10.23	572.21
12/27/2024	16.64	570.36	11.55	570.76	17.22	570.27	11.54	570.73	17.31	570.21	11.28	570.62	16.94	570.30	11.73	570.40	16.82	570.37	11.09	570.74	18.41	570.30	11.83	570.61
1/30/2025	16.82	570.18	11.71	570.60	17.47	570.02	11.68	570.59	17.64	569.88	11.36	570.54	17.22	570.02	11.61	570.52	17.14	570.05	11.12	570.71	18.77	569.94	11.71	570.73
2/25/2025	16.85	570.15	11.35	570.96	17.01	570.48	11.41	570.86	17.19	570.33	11.18	570.72	16.97	570.27	11.27	570.86	16.74	570.45	10.93	570.90	18.35	570.36	11.41	571.03
3/31/2025 (a)	16.82	570.18	11.14	571.17	17.96	569.53	11.13	571.14	17.49	570.03	10.90	571.00	17.15	570.09	11.14	570.99	17.12	570.07	10.76	571.07	18.62	570.09	11.30	571.14
3/31/2025	16.89	570.11	11.01	571.30	17.61	569.88	11.02	571.25	17.85	569.67	10.65	571.25	17.40	569.84	10.83	571.30	17.31	569.88	10.61	571.22	18.96	569.75	11.16	571.28
4/30/2025 (a)	16.75	570.25	10.53	571.78	17.35	570.14	10.43	571.84	17.36	570.16	10.18	571.72	17.09	570.15	10.44	571.69	17.02	570.17	10.13	571.70	18.54	570.17	10.58	571.86
4/30/2025	16.85	570.15	10.37	571.94	17.65	569.84	10.34	571.93	17.71	569.81	10.19	571.71	17.35	569.89	10.27	571.86	17.23	569.96	9.91	571.92	18.83	569.88	10.51	571.93
5/30/2025 (a)	16.42	570.58	9.81	572.50	16.91	570.58	9.68	572.59	16.91	570.61	9.35	572.55	16.51	570.73	9.51	572.62	16.52	570.67	9.24	572.59	18.05	570.66	9.81	572.63
5/30/2025	16.41	570.59	9.98	572.33	17.06	570.43	9.96	572.31	17.16	570.36	9.55	572.35	16.87	570.37	9.79	572.34	16.68	570.51	9.47	572.36	18.29	570.42	10.05	572.39
6/30/2025 (a)	16.53	570.47	10.09	572.22	17.08	570.41	10.06	572.21	17.06	570.46	9.67	572.23	16.75	570.49	9.93	572.20	16.71	570.48	9.62	572.21	18.25	570.46	10.23	572.21
6/30/2025	16.56	570.44	10.21	572.10	17.19	570.30	10.15	572.12	17.35	570.17	9.71	572.19	17.03	570.21	9.99	572.14	16.92	570.27	9.67	572.16	18.53	570.18	10.31	572.13
7/31/2025 (a)	16.53	570.47	10.12	572.19	17.23	570.26	10.12	572.15	17.23	570.29	9.71	572.19	16.89	570.35	10.05	572.08	16.71	570.48	9.77	572.06	18.34	570.37	10.41	572.03
7/31/2025	16.61	570.39	10.31	572.00	17.31	570.18	10.24	572.03	17.46	570.06	9.88	572.02	17.15	570.09	10.11	572.02	16.96	570.23	9.82	572.01	18.63	570.08	10.49	571.95
8/29/2025 (a,b)	16.55	570.45	10.47	571.84	17.11	570.38	10.42	571.85	17.10	570.42	10.11	571.79	16.81	570.43	10.39	571.74	16.75	570.44	10.05	571.78	18.28	570.43	10.63	571.81

(a) Groundwater elevation data collected before running extraction wells pumps.

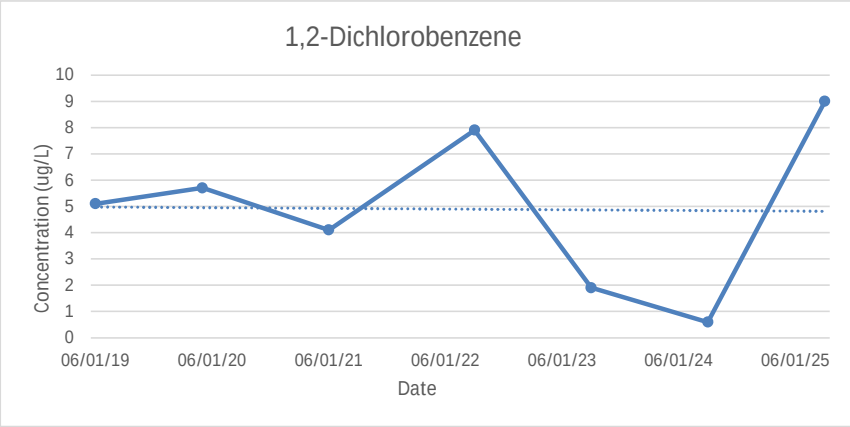
(b) No data collected after running pumps on 8/29/2025.

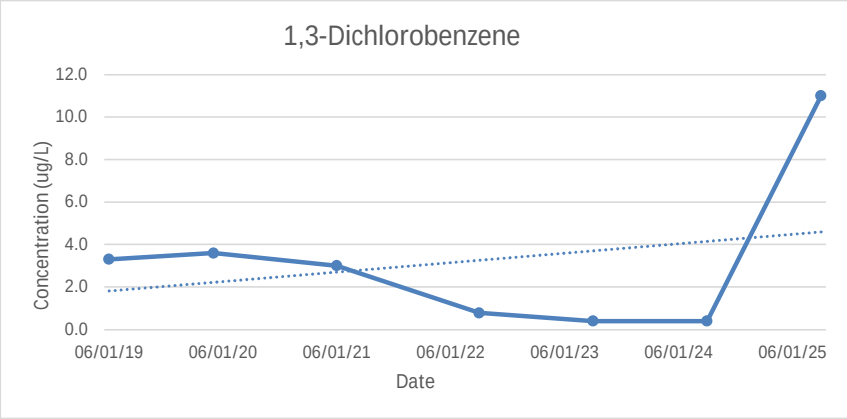
ft.TOC = feet below Top of Casing; ft. AMSL = feet above mean sea level

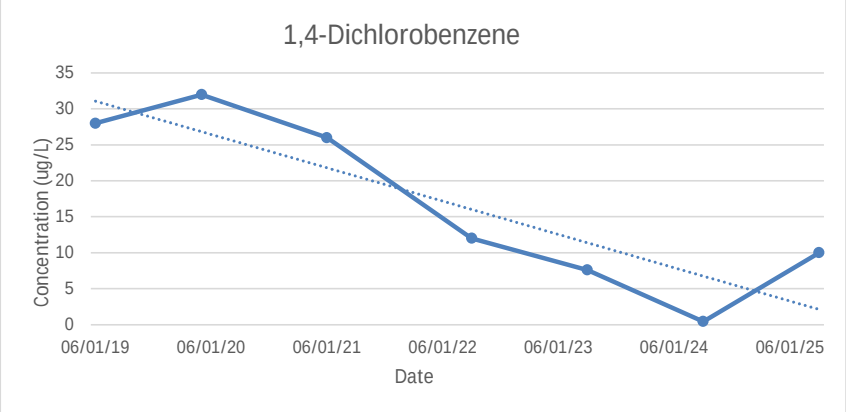
Area D Observation Well Top of Casing Surveyed Elevations (ft. AMSl)

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

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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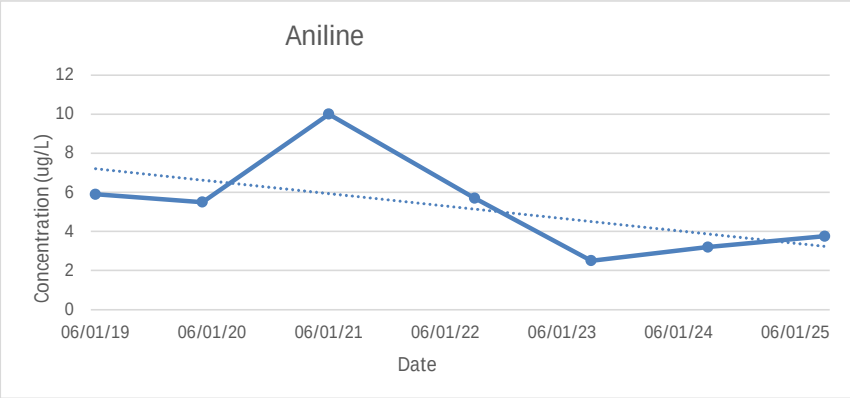

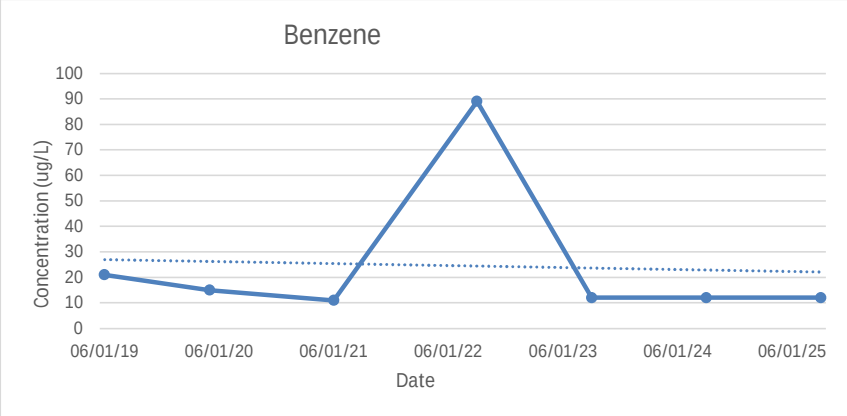

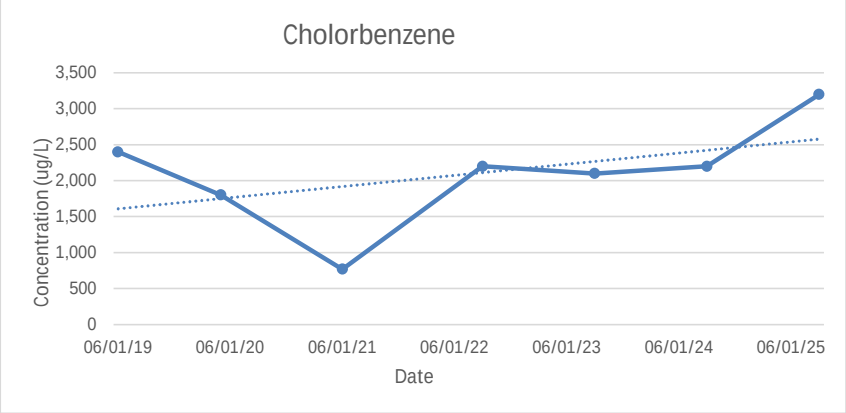

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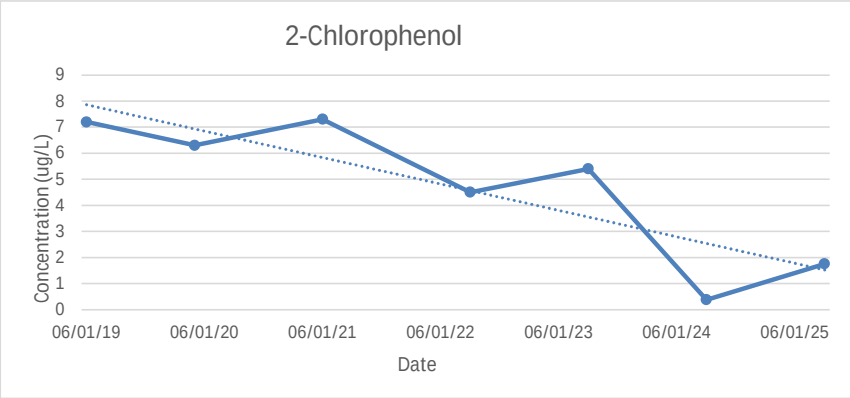

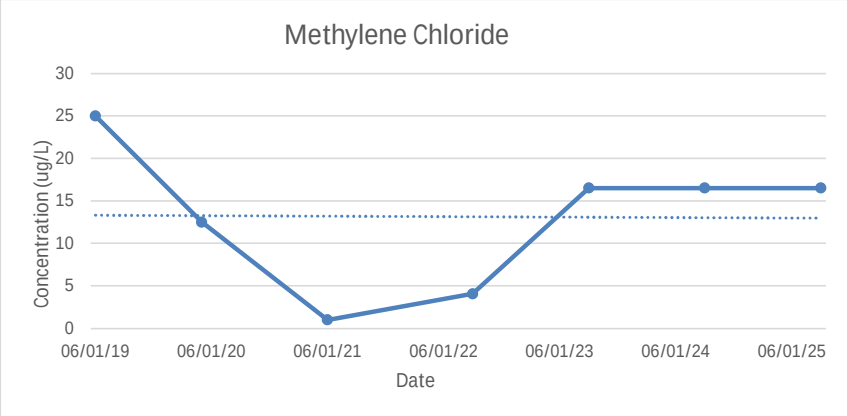

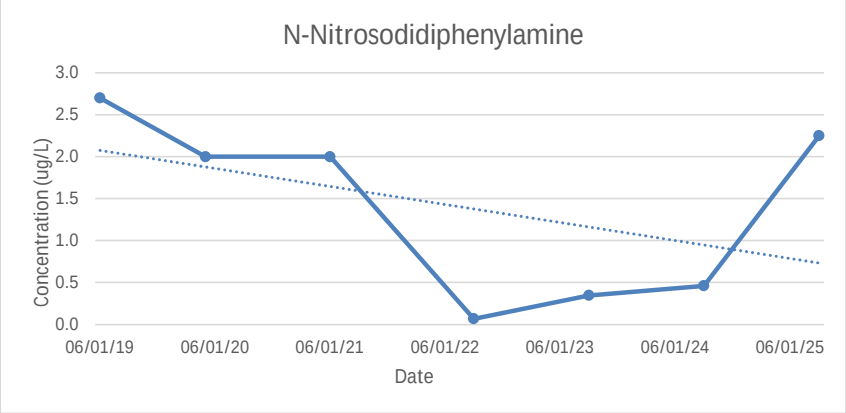

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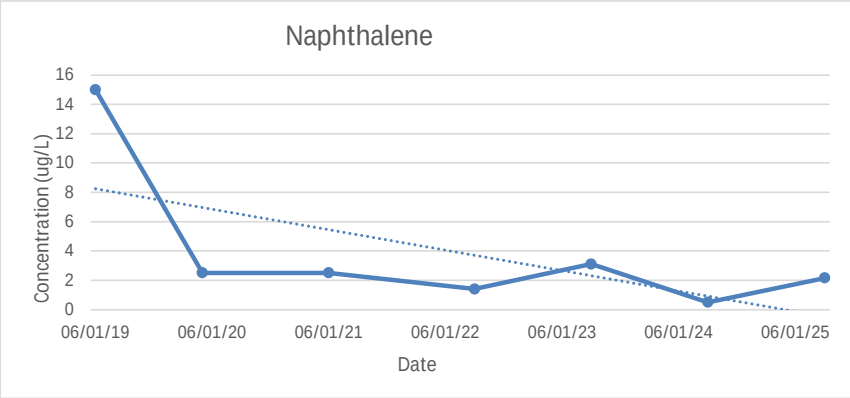

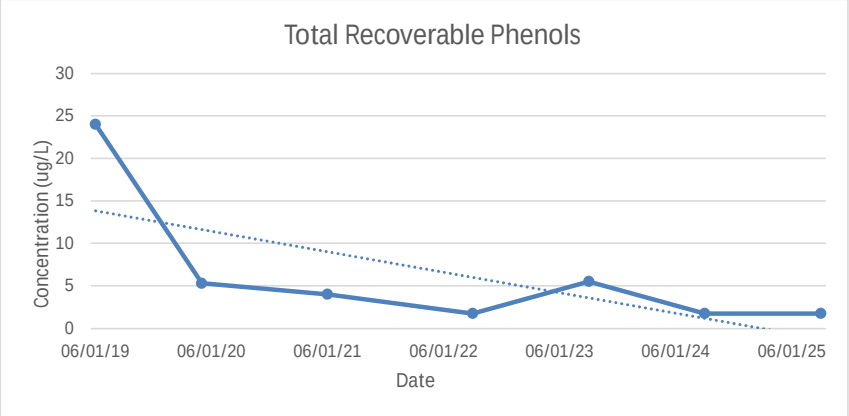

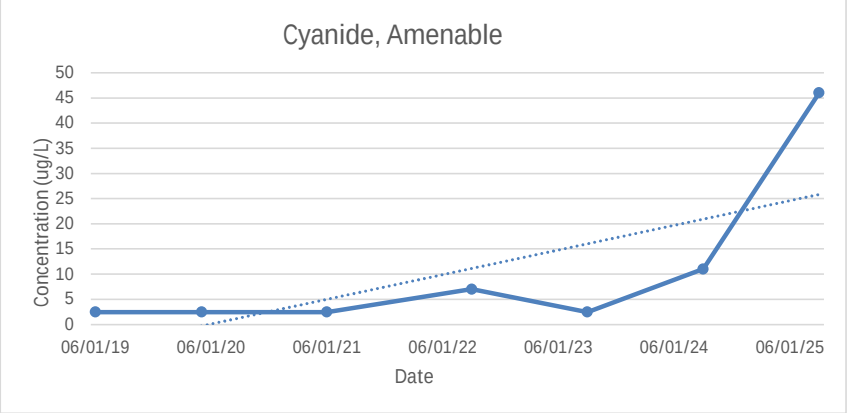

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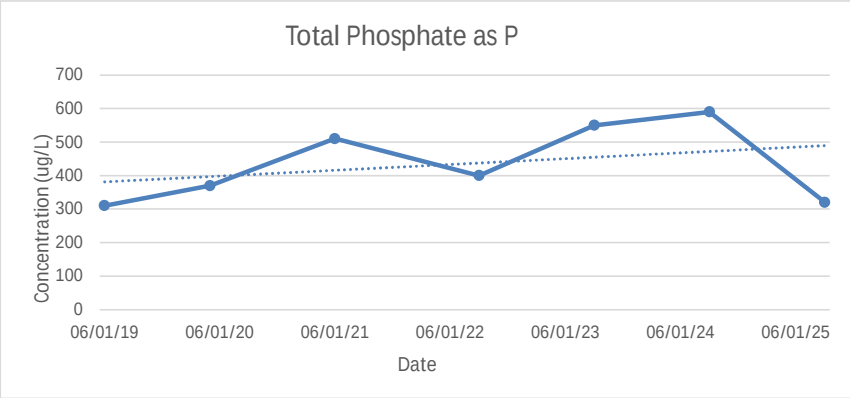

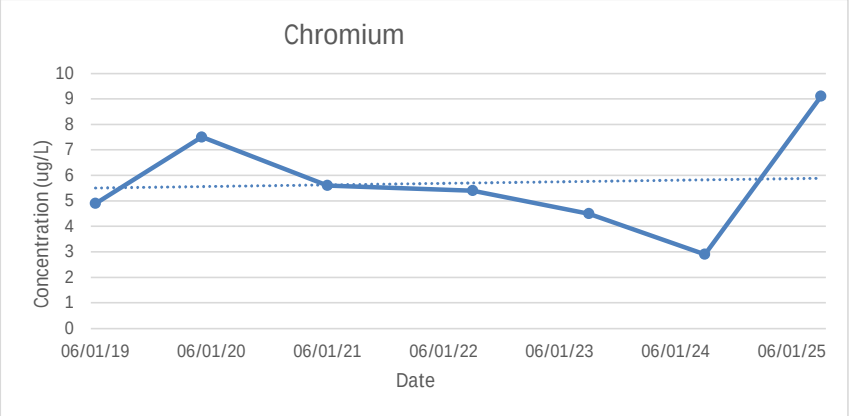

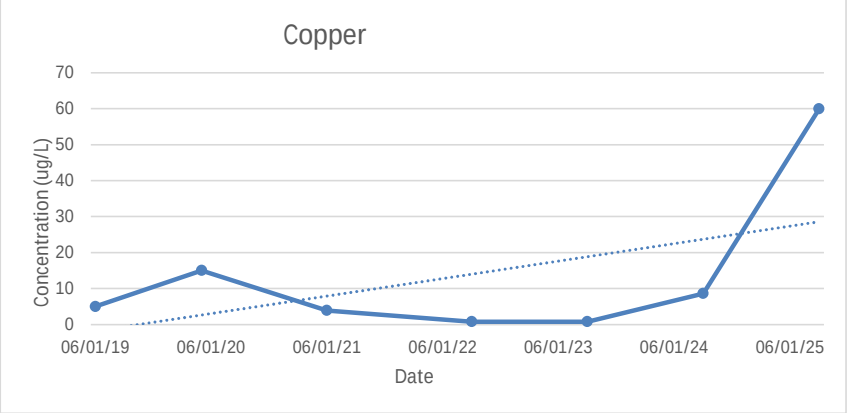

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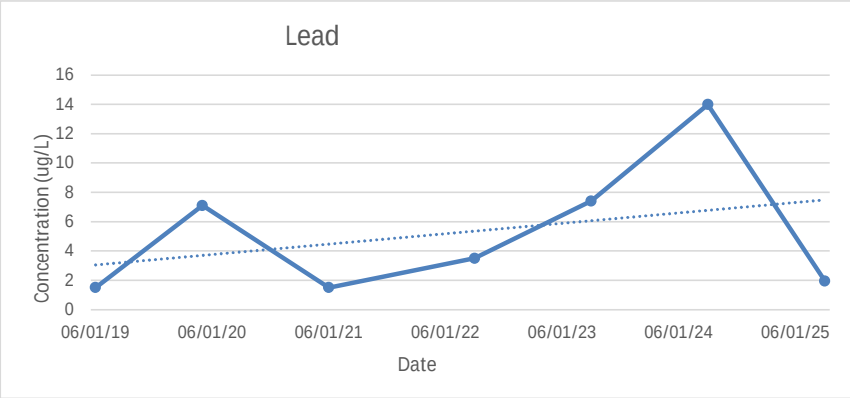

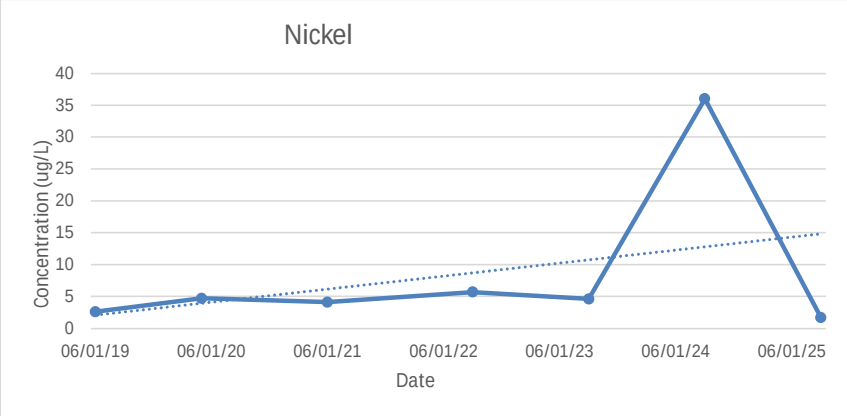

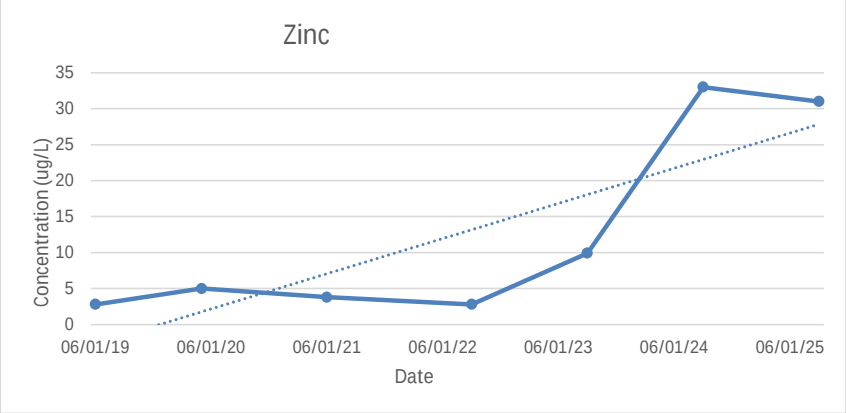

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Figure

LEGEND

	SUBSURFACE GW COLLECTION PIPE
21+50	SLURRY CUTOFF WALL
OW-6E	PERIMETER INTERIOR/EXTERIOR
OW-61	MONITORING OBSERVATION WELLS
EW-1	GROUNDWATER EXTRACTION WELLS
	RIPRAP
	SUBMERGED RIPRAP
	APPROXIMATE SEDIMENT DEPOSIT AREA SUBJECT TO EASEMENT RESTRICTIONS AND MONITORING

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

B

1" = 200'

200' 100' 0' 200'

DRAWING BY
CHECKED
APPROVED

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SITE LAYOUT

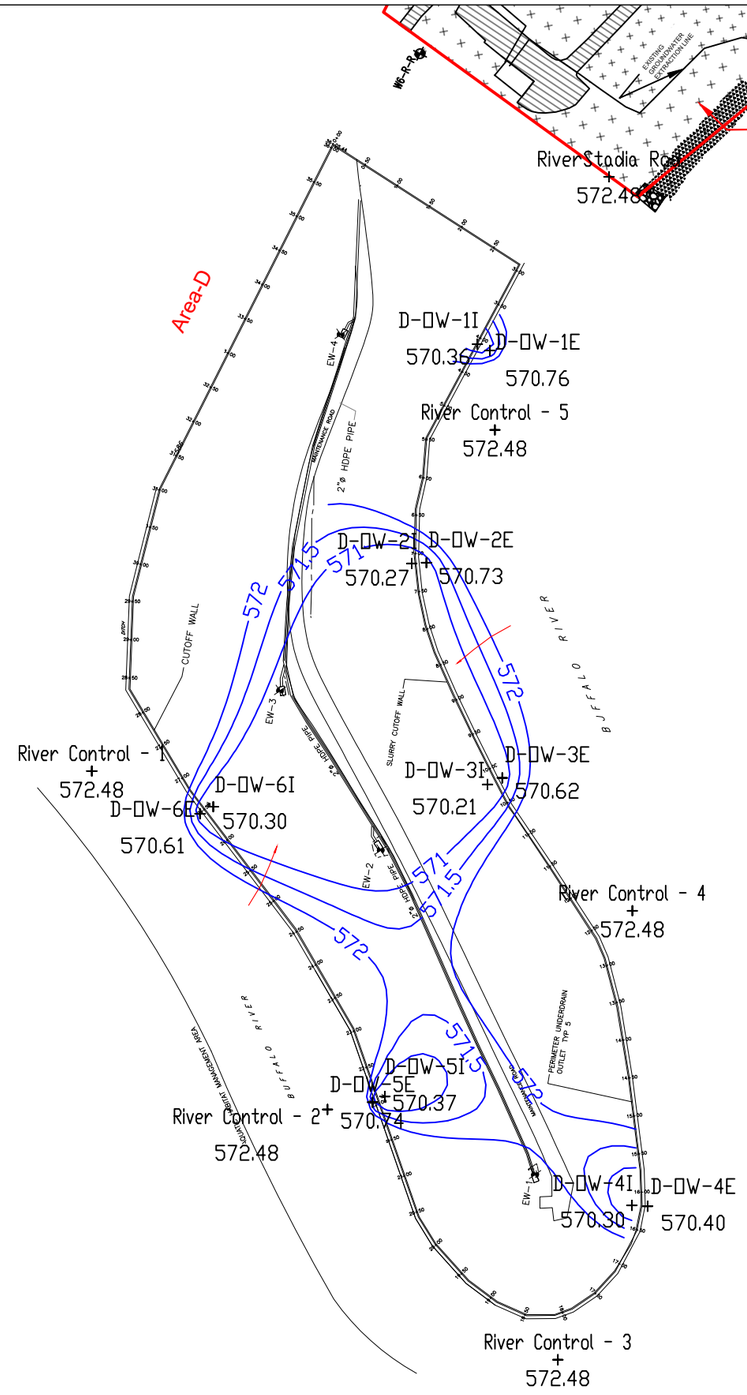
BUFFALO COLOR AREA "D"

2 BUFFALO CREEK RAILROAD
BUFFALO, NY

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

FIGURE 01

DRAWING NUMBER



N

B

1" = 200'

200' 100' 0' 200'

Note: All groundwater elevation measurements collected prior to running extraction well pumps.

DRAWING BY

CHECKED

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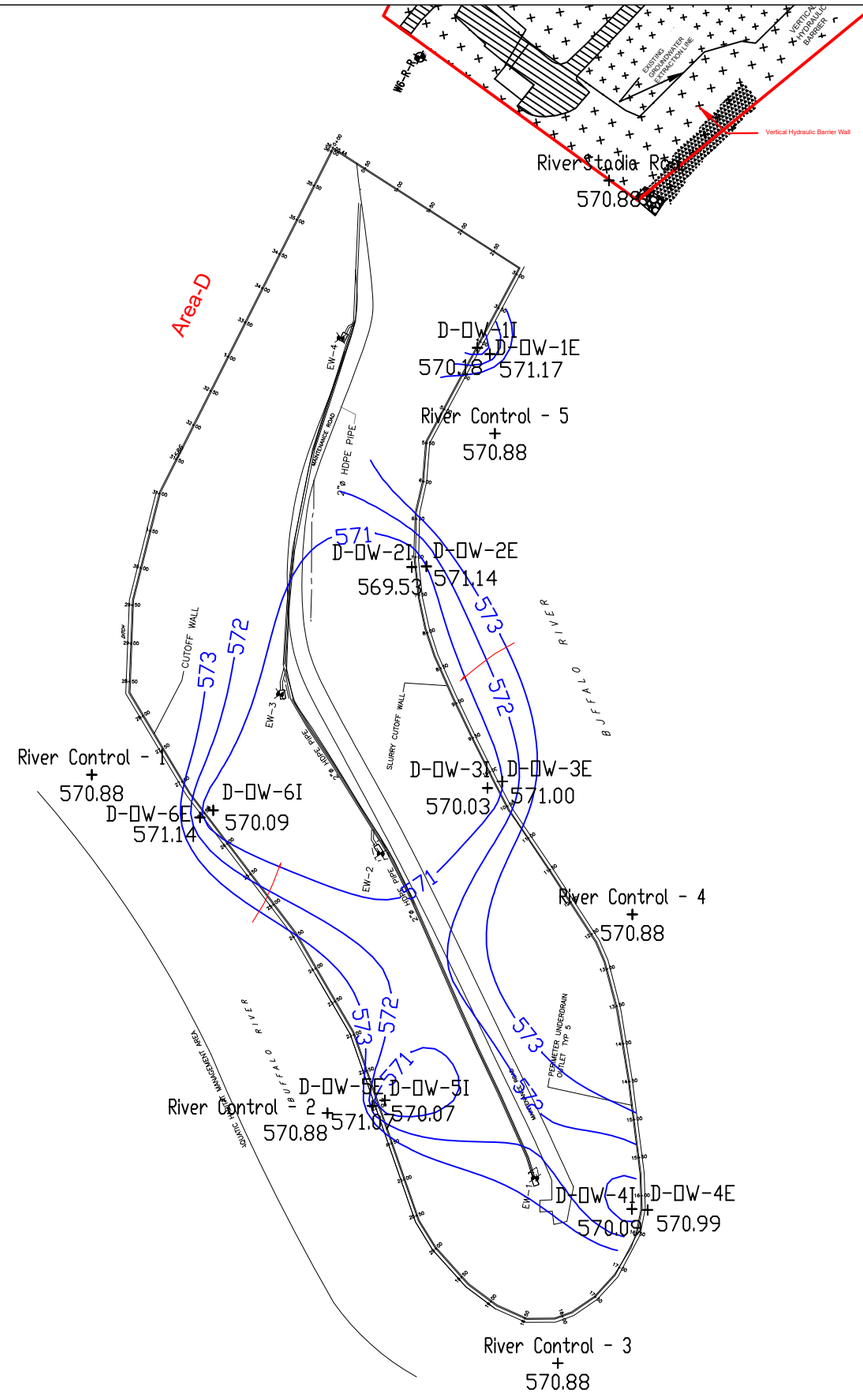
FOURTH QUARTER 2024 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"

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

FIGURE 2

DRAWING NUMBER



N

B

1" = 200'

200' 100' 0' 200'

Note: All groundwater elevation measurements collected prior to running extraction well pumps.

DRAWING BY

CHECKED

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FIRST QUARTER 2025 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
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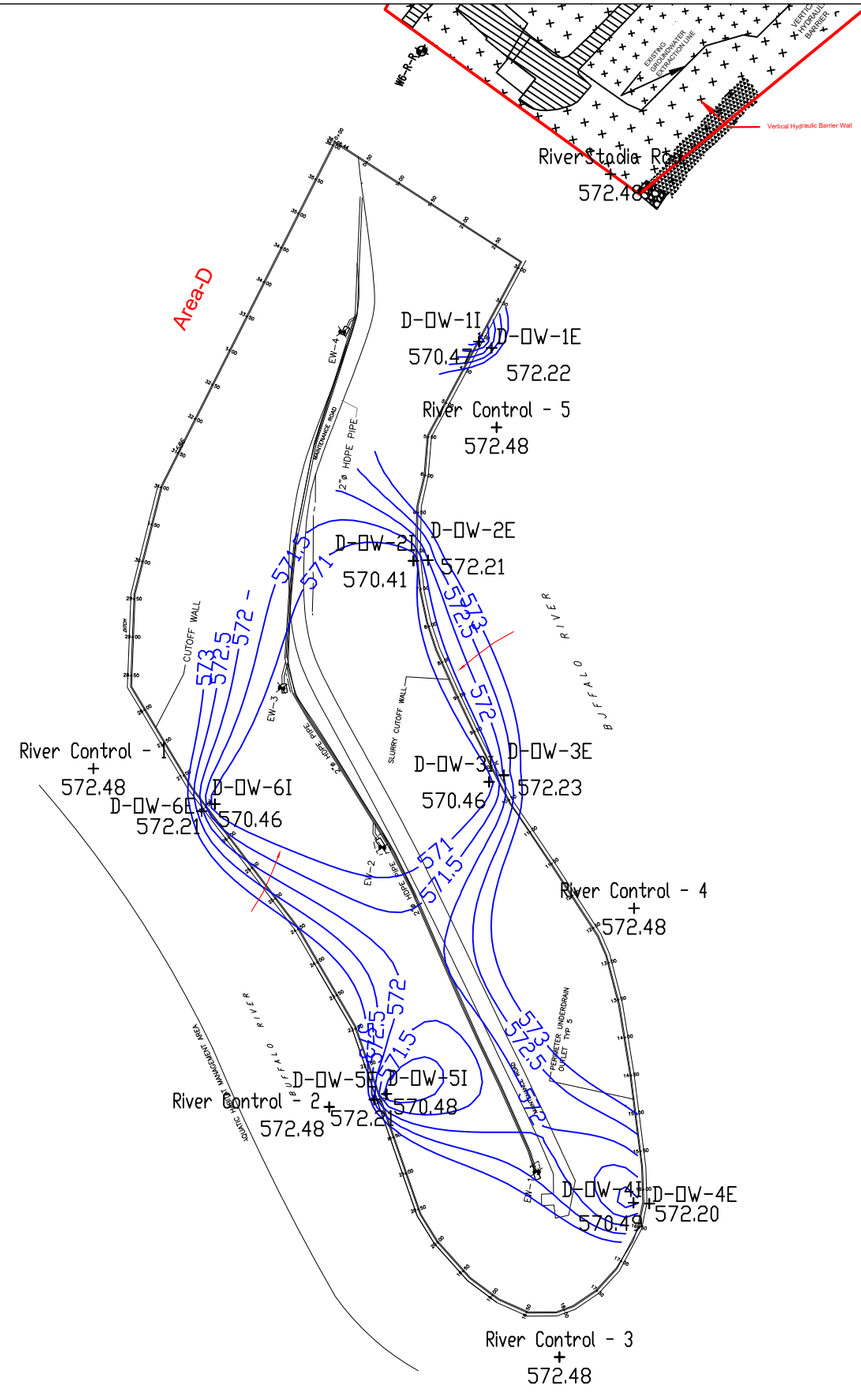
FIGURE 3

DRAWING NUMBER



N

B

1" = 200'

200' 100' 0' 200'

Note: All groundwater elevation measurements collected prior to running extraction well pumps.

DRAWING BY

CHECKED

APPROVED

PROPERTY OF INVENTUM ENGINEERING

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SECOND QUARTER 2025 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"

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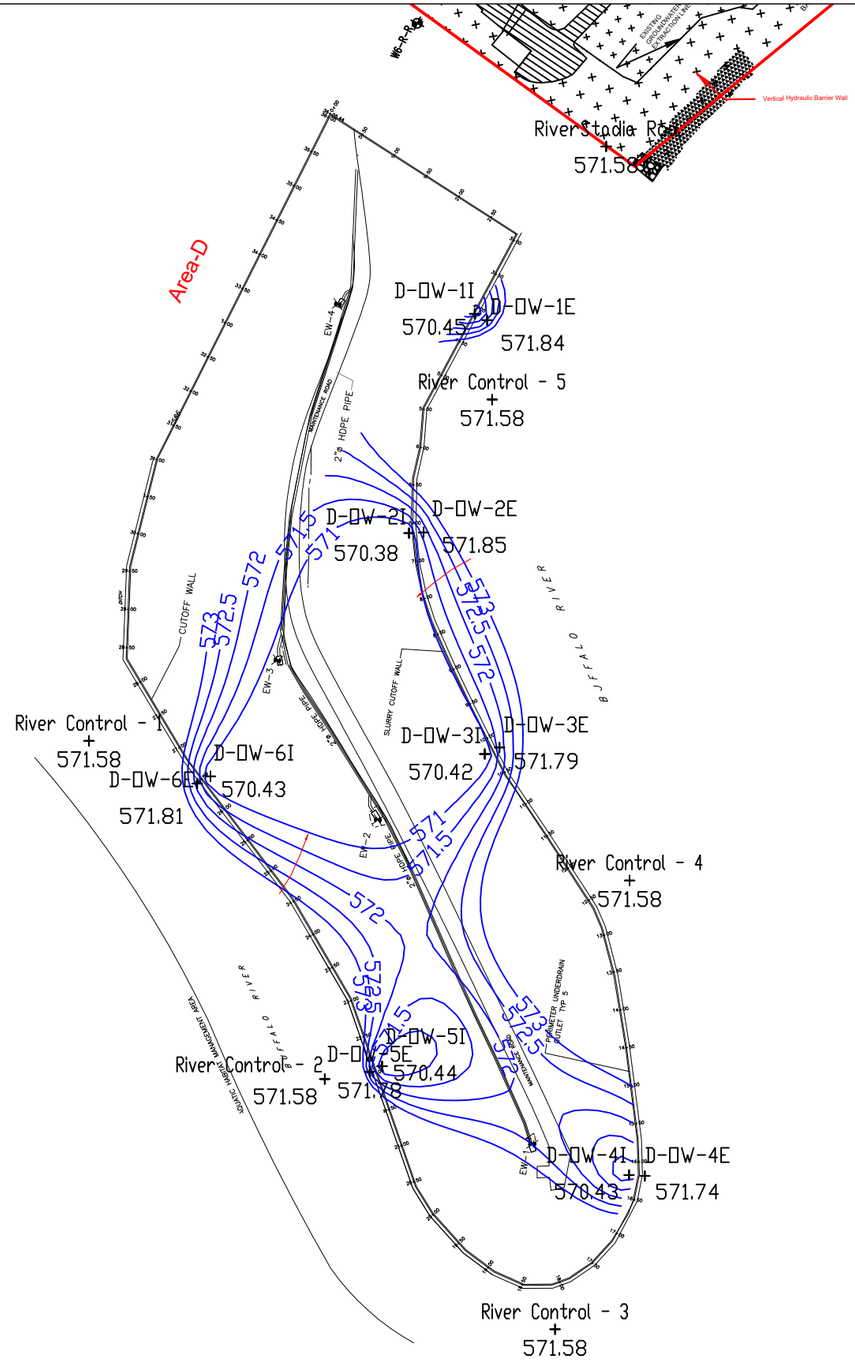
FIGURE 4

DRAWING NUMBER



Note: All groundwater elevation measurements collected prior to running extraction well pumps.

N

B

1" = 200'

200' 100' 0' 200'

DRAWING BY

CHECKED

APPROVED

PROPERTY OF INVENTUM ENGINEERING

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THIRD QUARTER 2025 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA "D"

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
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FIGURE 5

DRAWING NUMBER

Attachments

ATTACHMENT A - IC/EC CONTROLS CERTIFICATION FORM

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

Site Details **Box 1**

Site No. **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, 2024 to October 05, 2025

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 915012 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
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.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
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 compete.

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 915012

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I **John P. Black** at **441 Carlisle Drive; Ste C; Herndon, VA, 20170**,
print name — print business address

am certifying as **Remedial Party** (Owner or Remedial Party)

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

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

02/27/2026
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I **John P. Black** at **441 Carlisle Drive; Ste C; Herndon, VA, 20170**,
print name — print business address

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

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

Stamp (Required for PE)

02/27/2026
Date

ATTACHMENT B - SITE INSPECTIONS

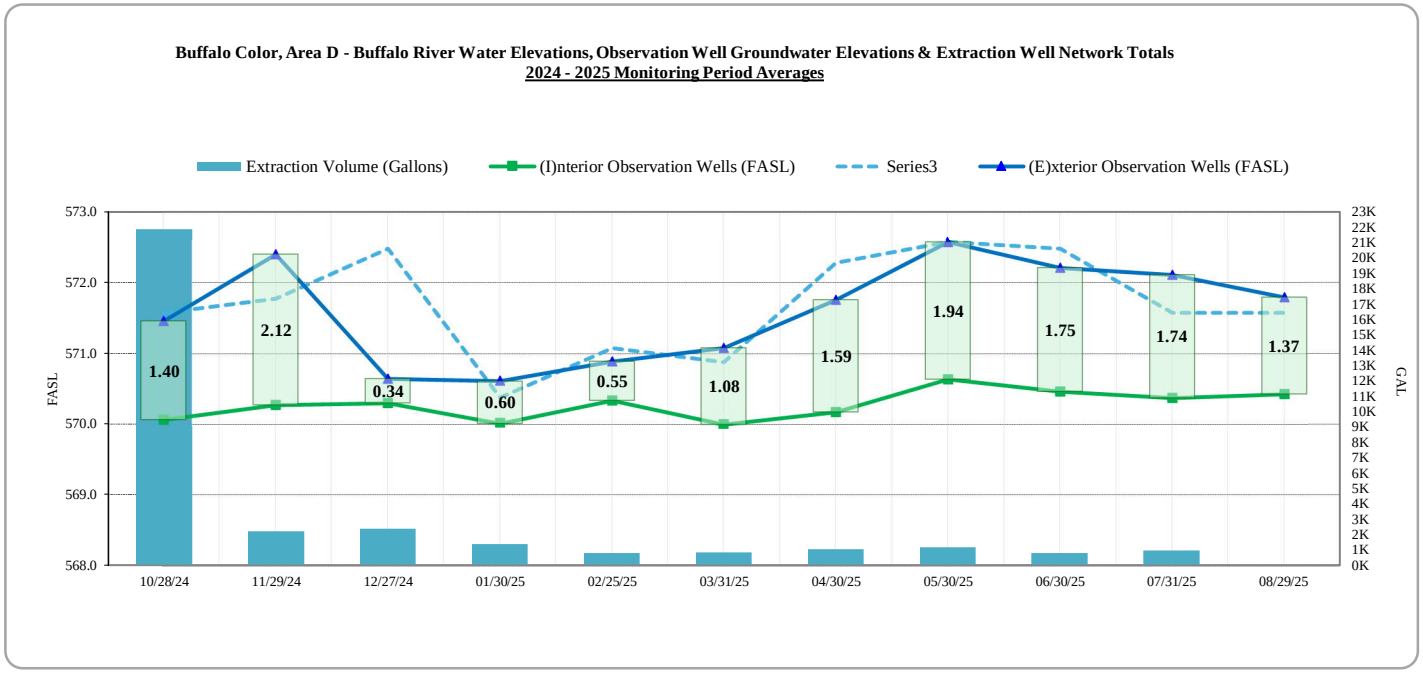
Area D Cover System; Riverbank; & Site-Wide Compliance Inspection		**Area D Additional Notes**					
	Site-Wide Compliance (OK / Comment)	**Area D Institutional Site Use Restrictions**	None	None	NONE	NONE	NONE
		Area D O&M Schedule	OK	Ok	OK	OK	OK
		Area D Active Site Permits	OK	OK	OK	OK	OK
		Area D Site Records	OK	Ok	OK	OK	OK
		Area D Groundwater Monitoring Program	OK	OK	OK	OK	OK
		Area D Vertical Hydraulic Barrier Monitoring Program	OK	OK	OK	OK	OK
	Riverbank (OK / Comment)	**Sediment Deposit Area (SDA) Bathometric Survey (Performed Every 5 Years)**	N/A	N/A	N/A	Required in 2025	Required in 2025
		Area D Shoreline Erosion Protection (Vegetation / Riprap)	OK	OK	OK	OK	OK
		Area D Shoreline Soil Slope Integrity	OK	OK	OK	OK	OK
	Cover System (OK / Comment)	**Area D Storm Drainage System & Structures**	OK	OK	OK	OK	OK
		Area D Occupied Basement Slabs	None	None	NONE	NONE	NONE
		Area D Outdoor Paved Areas	OK	OK	OK	OK	OK
		Area D Gravel Cover Integrity	OK	OK	OK	OK	OK
		Area D Grass / Vegetation	OK	Ok	OK	OK	OK
		Area D Soil Cover Integrity	OK	OK	OK	OK	OK
Pre-Inspection Data	Site Conditions	**Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)**	Low	Low	Low	mid	mid
		Ground Surface (Dry / Damp / Wet)	Dry	Damp	Wet	wet	wet
	Weather	**Temperature Range (+/- 10 Deg F Range)**	59f	34f	42f	36f	35f
		Wind (Calm / Moderate / Strong)	Calm	Moderate	Strong	Calm	Calm
		Lightning (Yes / No)	No	No	No	No	no
		Precipitation (None / Rain / Snow / Hail)	None	None	Rain	Rain	None
		Cloud Cover (Clear / Pt. Cloudy / Overcast)	Pt. Cloudy	Pt. Cloudy	Overcast	Overcast	Overcast
		NYSDEC Invitation Extended (Yes / No / List Attendees)	No	No	NO	NO	NO
		Associate(s)	Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman
		Date	Tue 10/29/2024	Fri 11/29/2024	Mon 12/30/2024	Fri 1/31/2025	Fri 2/28/2025

none	none	none	none	none	none
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
Required in 2025	Required in 2025	Required in 2025	Required in 2025	Required in 2025	Required in 2025
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
none	none	none	none	none	none
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
ok	ok	ok	ok	ok	ok
low	low	low	low	low	Low
wet	damp	damp	dry	dry	Dry
47f	50f	67f	81f	67f	56f
Calm	calm	moderate	calm	calm	calm
no	no	no	no	no	no
none	none	none	none	none	none
Overcast	PT. cloudy	Pt. Cloudy	Pt cloudy	over cast	Pt cloudy
No	NO	No	No	No	No
Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman	Taylor Kunzelman
Mon 3/31/2025	Wed 4/30/2025	Fri 5/30/2025	Mon 6/30/2025	Thu 7/31/2025	Fri 8/29/2025

ATTACHMENT C - OBSERVATION WELL HYDROGRAPHS

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

	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			Extraction
Date (a)	**RSR**	**1I**	**1E**	**1ED**	**2I**	**2E**	**2ED**	**3I**	**3E**	**3ED**	**4I**	**4E**	**4ED**	**5I**	**5E**	**5ED**	**6I**	**6E**	**6ED**	**I**	**E**	**ED**	**TOTAL (b)**
10/28/2024	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	21892
11/29/2024	571.78	570.37	572.34	1.98	570.24	572.60	2.36	570.21	572.53	2.32	570.28	572.39	2.10	570.30	572.34	2.04	570.25	572.21	1.96	570.27	572.40	2.12	2187
12/27/2024	572.48	570.36	570.76	0.41	570.27	570.73	0.46	570.21	570.62	0.41	570.30	570.40	0.09	570.37	570.74	0.37	570.30	570.61	0.31	570.30	570.64	0.34	2381
1/30/2025	570.38	570.18	570.60	0.43	570.02	570.59	0.57	569.88	570.54	0.66	570.02	570.52	0.49	570.05	570.71	0.66	569.94	570.73	0.79	570.01	570.61	0.60	1373
2/25/2025	571.08	570.15	570.96	0.82	570.48	570.86	0.38	570.33	570.72	0.39	570.27	570.86	0.58	570.45	570.90	0.45	570.36	571.03	0.67	570.34	570.89	0.55	803
3/31/2025	570.88	570.18	571.17	1.00	569.53	571.14	1.61	570.03	571.00	0.97	570.09	570.99	0.89	570.07	571.07	1.00	570.09	571.14	1.05	570.00	571.08	1.08	821
4/30/2025	572.28	570.25	571.78	1.54	570.14	571.84	1.70	570.16	571.72	1.56	570.15	571.69	1.53	570.17	571.70	1.53	570.17	571.86	1.69	570.17	571.76	1.59	1046
5/30/2025	572.58	570.58	572.50	1.93	570.58	572.59	2.01	570.61	572.55	1.94	570.73	572.62	1.88	570.67	572.59	1.92	570.66	572.63	1.97	570.64	572.58	1.94	1148
6/30/2025	572.48	570.47	572.22	1.76	570.41	572.21	1.80	570.46	572.23	1.77	570.49	572.20	1.70	570.48	572.21	1.73	570.46	572.21	1.75	570.46	572.21	1.75	789
7/31/2025	571.58	570.47	572.19	1.73	570.26	572.15	1.89	570.29	572.19	1.90	570.35	572.08	1.72	570.48	572.06	1.58	570.37	572.03	1.66	570.37	572.11	1.74	951
8/29/2025	571.58	570.45	571.84	1.40	570.38	571.85	1.47	570.42	571.79	1.37	570.43	571.74	1.30	570.44	571.78	1.34	570.43	571.81	1.38	570.42	571.80	1.37	NR
Avg | Sum	***571.70***	***570.33***	***571.62***	***1.29***	***570.22***	***571.64***	***1.42***	***570.23***	***571.57***	***1.34***	***570.27***	***571.54***	***1.27***	***570.33***	***571.59***	***1.26***	***570.28***	***571.60***	***1.32***	***570.28***	***571.59***	***1.32***	**33,391**



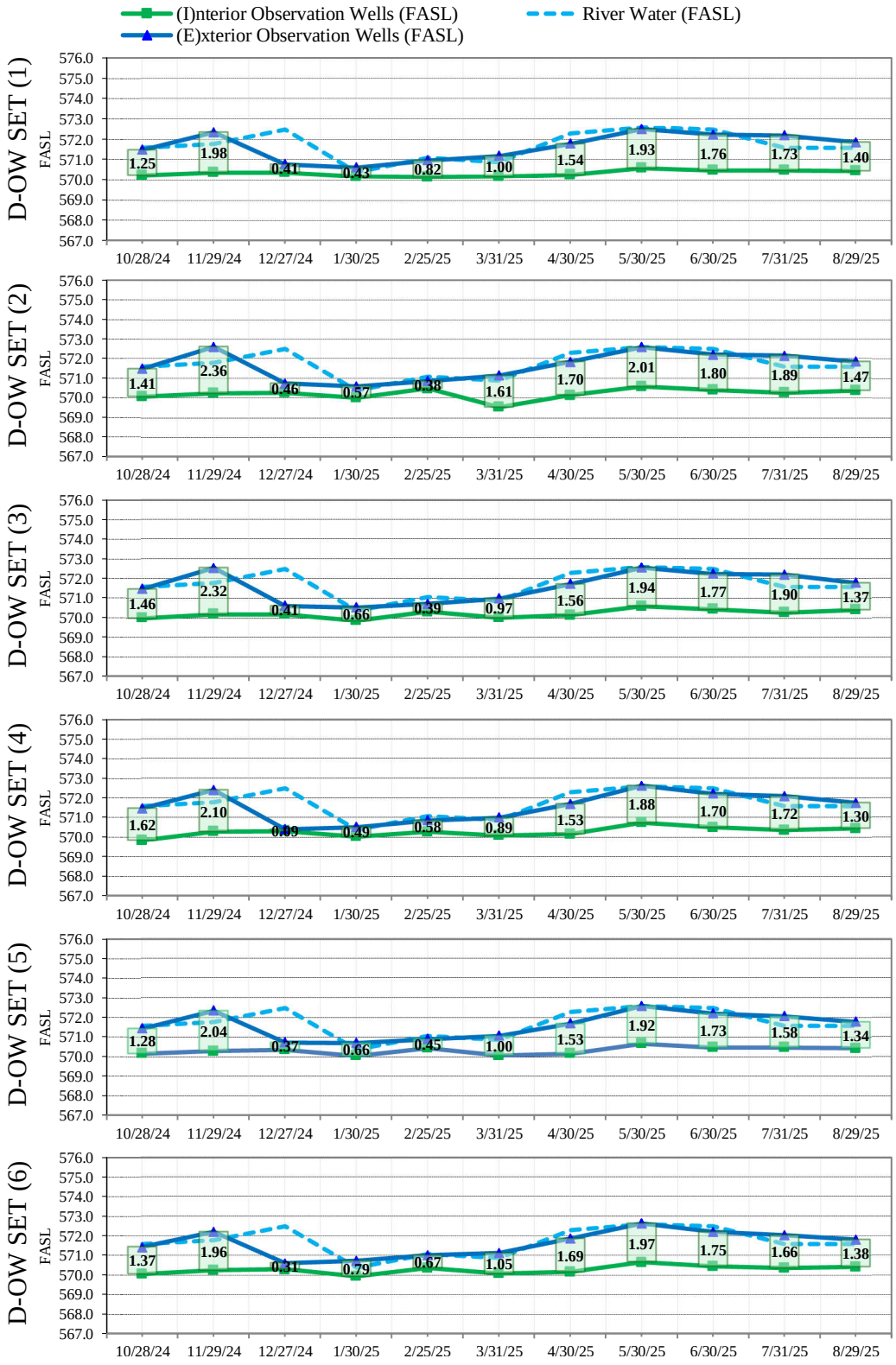
(a) Groundwater elevation data between March - September 2025 collected prior to operating extraction well pumps.

(b) Extracted volume between previous date. October 2024 volume includes volume extracted during GWTF startup/testing and is not typical of average Area D extraction flow rates.

"NR" =not reported.

Buffalo Color, Area D - Buffalo River Water Elevations and Observation Well Groundwater Elevations

2024 - 2025 Reporting Period



ATTACHMENT D - GROUNDWATER DATA

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

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

JOB NUMBER

480-233063-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

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

Glossary

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

Job ID: 480-233063-1 Eurofins Buffalo

Job Narrative
480-233063-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/29/2025 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 9.6°C.

GC/MS VOA
Method 624.1_PREC: The continuing calibration verification (CCV) associated with batch 480-758392 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 sample is:TRIP BLANK (480-233063-2).

Method 624.1_PREC: The continuing calibration verification (CCV) associated with batch 480-758527 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 sample is:BCC Area D Influent (480-233063-1).

Method 624.1_PREC: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-758527 recovered outside control limits for the following analytes: Acrolein. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is:BCC Area D Influent (480-233063-1).

Method 624.1_PREC: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area D Influent (480-233063-1). 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(s) was diluted due to color, appearance and viscosity. BCC Area D Influent (480-233063-1). 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 480-758406.

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

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

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Client Sample ID: BCC Area D Influent
Lab Sample ID: 480-233063-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	3200		200	19	ug/L	40		624.1	Total/NA
Chromium	0.0091		0.0040	0.0024	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.060	B	0.010	0.0045	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.031		0.010	0.0068	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Amenable	0.046		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
Total Phosphate as P	0.32		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-233063-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.1	J	5.0	0.48	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Client Sample ID: BCC Area D Influent
Lab Sample ID: 480-233063-1
Date Collected: 09/29/25 12:00
Matrix: Water
Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	15	ug/L			10/01/25 16:24	40
1,1,2,2-Tetrachloroethane	ND		200	10	ug/L			10/01/25 16:24	40
1,1,2-Trichloroethane	ND		200	19	ug/L			10/01/25 16:24	40
1,1-Dichloroethane	ND		200	24	ug/L			10/01/25 16:24	40
1,1-Dichloroethene	ND		200	34	ug/L			10/01/25 16:24	40
1,2-Dichlorobenzene	ND		200	18	ug/L			10/01/25 16:24	40
1,2-Dichloroethane	ND		200	24	ug/L			10/01/25 16:24	40
1,2-Dichloroethene, Total	ND		400	130	ug/L			10/01/25 16:24	40
1,2-Dichloropropane	ND		200	24	ug/L			10/01/25 16:24	40
1,3-Dichlorobenzene	ND		200	22	ug/L			10/01/25 16:24	40
1,4-Dichlorobenzene	ND		200	20	ug/L			10/01/25 16:24	40
2-Chloroethyl vinyl ether	ND		1000	74	ug/L			10/01/25 16:24	40
Acrolein	ND	*+	4000	700	ug/L			10/01/25 16:24	40
Acrylonitrile	ND		4000	76	ug/L			10/01/25 16:24	40
Benzene	ND		200	24	ug/L			10/01/25 16:24	40
Bromoform	ND		200	19	ug/L			10/01/25 16:24	40
Bromomethane	ND		200	48	ug/L			10/01/25 16:24	40
Carbon tetrachloride	ND		200	20	ug/L			10/01/25 16:24	40
Chlorobenzene	**3200**		200	19	ug/L			10/01/25 16:24	40
Dibromochloromethane	ND		200	17	ug/L			10/01/25 16:24	40
Chloroethane	ND		200	35	ug/L			10/01/25 16:24	40
Chloroform	ND		200	22	ug/L			10/01/25 16:24	40
Chloromethane	ND		200	25	ug/L			10/01/25 16:24	40
cis-1,3-Dichloropropene	ND		200	13	ug/L			10/01/25 16:24	40
Bromodichloromethane	ND		200	21	ug/L			10/01/25 16:24	40
Ethylbenzene	ND		200	19	ug/L			10/01/25 16:24	40
Methylene Chloride	ND		200	33	ug/L			10/01/25 16:24	40
Tetrachloroethene	ND		200	14	ug/L			10/01/25 16:24	40
Toluene	ND		200	18	ug/L			10/01/25 16:24	40
trans-1,3-Dichloropropene	ND		200	18	ug/L			10/01/25 16:24	40
Trichloroethene	ND		200	24	ug/L			10/01/25 16:24	40
Trichlorofluoromethane	ND		200	18	ug/L			10/01/25 16:24	40
Vinyl chloride	ND		200	30	ug/L			10/01/25 16:24	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*68 - 130*		*10/01/25 16:24*	*40*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*10/01/25 16:24*	*40*
Toluene-d8 (Surr)	*108*		*77 - 120*		*10/01/25 16:24*	*40*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*10/01/25 16:24*	*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		10/02/25 08:41	10/03/25 17:06	5
1,2-Dichlorobenzene	ND		200	5.2	ug/L		10/02/25 08:41	10/03/25 17:06	5
1,2-Diphenylhydrazine	ND		200	3.9	ug/L		10/02/25 08:41	10/03/25 17:06	5
1,3-Dichlorobenzene	ND		200	3.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
1,4-Dichlorobenzene	ND		200	4.1	ug/L		10/02/25 08:41	10/03/25 17:06	5
2,2'-oxybis[1-chloropropane]	ND		100	4.2	ug/L		10/02/25 08:41	10/03/25 17:06	5
2,4,6-Trichlorophenol	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
2,4-Dichlorophenol	ND		100	3.9	ug/L		10/02/25 08:41	10/03/25 17:06	5

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Client Sample ID: BCC Area D Influent
Lab Sample ID: 480-233063-1
Date Collected: 09/29/25 12:00
Matrix: Water
Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		100	7.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
2,4-Dinitrophenol	ND		200	25	ug/L		10/02/25 08:41	10/03/25 17:06	5
2,4-Dinitrotoluene	ND		100	8.1	ug/L		10/02/25 08:41	10/03/25 17:06	5
2,6-Dinitrotoluene	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
2-Chloronaphthalene	ND		100	4.6	ug/L		10/02/25 08:41	10/03/25 17:06	5
2-Chlorophenol	ND		100	3.3	ug/L		10/02/25 08:41	10/03/25 17:06	5
2-Nitrophenol	ND		100	3.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
4,6-Dinitro-2-methylphenol	ND		200	9.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
4-Bromophenyl phenyl ether	ND		100	7.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
4-Chloro-3-methylphenol	ND		100	5.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
4-Chlorophenyl phenyl ether	ND		100	6.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
4-Nitrophenol	ND		200	9.7	ug/L		10/02/25 08:41	10/03/25 17:06	5
Acenaphthene	ND		100	4.1	ug/L		10/02/25 08:41	10/03/25 17:06	5
Acenaphthylene	ND		100	4.4	ug/L		10/02/25 08:41	10/03/25 17:06	5
Aniline	ND		200	7.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Anthracene	ND		100	7.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Benzidine	ND		1600	270	ug/L		10/02/25 08:41	10/03/25 17:06	5
Benzo[a]anthracene	ND		100	5.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Benzo[a]pyrene	ND		100	6.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Benzo[b]fluoranthene	ND		100	6.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Benzo[g,h,i]perylene	ND		100	7.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Benzo[k]fluoranthene	ND		100	6.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Bis(2-chloroethoxy)methane	ND		100	3.8	ug/L		10/02/25 08:41	10/03/25 17:06	5
Bis(2-chloroethyl)ether	ND		100	4.7	ug/L		10/02/25 08:41	10/03/25 17:06	5
Bis(2-ethylhexyl) phthalate	ND		200	6.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Butyl benzyl phthalate	ND		100	5.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Chrysene	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Decane	ND		200	8.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Dibenz(a,h)anthracene	ND		100	7.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Diethyl phthalate	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Dimethyl phthalate	ND		100	4.6	ug/L		10/02/25 08:41	10/03/25 17:06	5
Di-n-butyl phthalate	ND		100	8.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Di-n-octyl phthalate	ND		100	6.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Fluoranthene	ND		100	8.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Fluorene	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Hexachlorobenzene	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Hexachlorobutadiene	ND		100	5.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Hexachlorocyclopentadiene	ND		100	11	ug/L		10/02/25 08:41	10/03/25 17:06	5
Hexachloroethane	ND		100	3.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Indeno[1,2,3-cd]pyrene	ND		100	7.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
Isophorone	ND		100	3.7	ug/L		10/02/25 08:41	10/03/25 17:06	5
Naphthalene	ND		100	4.3	ug/L		10/02/25 08:41	10/03/25 17:06	5
Nitrobenzene	ND		100	4.1	ug/L		10/02/25 08:41	10/03/25 17:06	5
N-Nitrosodimethylamine	ND		200	2.9	ug/L		10/02/25 08:41	10/03/25 17:06	5
N-Nitrosodi-n-propylamine	ND		100	4.5	ug/L		10/02/25 08:41	10/03/25 17:06	5
N-Nitrosodiphenylamine	ND		100	4.1	ug/L		10/02/25 08:41	10/03/25 17:06	5
n-Octadecane	ND		200	6.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Pentachlorophenol	ND		200	16	ug/L		10/02/25 08:41	10/03/25 17:06	5

Client Sample ID: BCC Area D Influent

Lab Sample ID: 480-233063-1

Date Collected: 09/29/25 12:00

Matrix: Water

Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		100	6.0	ug/L		10/02/25 08:41	10/03/25 17:06	5
Phenol	ND		100	1.8	ug/L		10/02/25 08:41	10/03/25 17:06	5
Pyrene	ND		100	7.0	ug/L		10/02/25 08:41	10/03/25 17:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*52 - 151*	*10/02/25 08:41*	*10/03/25 17:06*	*5*
2-Fluorobiphenyl	*80*		*44 - 120*	*10/02/25 08:41*	*10/03/25 17:06*	*5*
2-Fluorophenol	*55*		*17 - 120*	*10/02/25 08:41*	*10/03/25 17:06*	*5*
Nitrobenzene-d5	*58*		*15 - 314*	*10/02/25 08:41*	*10/03/25 17:06*	*5*
Phenol-d5	*37*		*8 - 424*	*10/02/25 08:41*	*10/03/25 17:06*	*5*
p-Terphenyl-d14	*72*		*22 - 125*	*10/02/25 08:41*	*10/03/25 17:06*	*5*

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		09/30/25 13:39	10/01/25 14:37	1
PCB-1221	ND		0.058	0.037	ug/L		09/30/25 13:39	10/01/25 14:37	1
PCB-1232	ND		0.058	0.037	ug/L		09/30/25 13:39	10/01/25 14:37	1
PCB-1242	ND		0.058	0.037	ug/L		09/30/25 13:39	10/01/25 14:37	1
PCB-1248	ND		0.058	0.037	ug/L		09/30/25 13:39	10/01/25 14:37	1
PCB-1254	ND		0.058	0.030	ug/L		09/30/25 13:39	10/01/25 14:37	1
PCB-1260	ND		0.058	0.030	ug/L		09/30/25 13:39	10/01/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*10 - 120*	*09/30/25 13:39*	*10/01/25 14:37*	*1*
Tetrachloro-m-xylene	*80*		*10 - 126*	*09/30/25 13:39*	*10/01/25 14:37*	*1*

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0091**		0.0040	0.0024	mg/L		10/01/25 08:31	10/01/25 16:31	1
Copper	**0.060**	**B**	0.010	0.0045	mg/L		10/01/25 08:31	10/01/25 16:31	1
Lead	ND		0.010	0.0039	mg/L		10/01/25 08:31	10/01/25 16:31	1
Nickel	ND		0.010	0.0034	mg/L		10/01/25 08:31	10/01/25 16:31	1
Zinc	**0.031**		0.010	0.0068	mg/L		10/01/25 08:31	10/01/25 16:31	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		09/30/25 09:15	09/30/25 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	ND		0.010	0.0035	mg/L			10/05/25 20:54	1
Cyanide, Amenable (SM 4500 CN G)	**0.046**		0.010	0.0050	mg/L			10/02/25 13:57	1
Total Phosphate as P (SM 4500 P E)	**0.32**		0.010	0.0050	mg/L as P			09/30/25 18:06	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-233063-2
Date Collected: 09/29/25 12:30
Matrix: Water
Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			09/30/25 18:52	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/25 18:52	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/25 18:52	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/25 18:52	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/25 18:52	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/25 18:52	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/25 18:52	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/25 18:52	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/25 18:52	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/25 18:52	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/25 18:52	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/25 18:52	1
Acrolein	ND		100	17	ug/L			09/30/25 18:52	1
Acrylonitrile	ND		100	1.9	ug/L			09/30/25 18:52	1
Benzene	ND		5.0	0.60	ug/L			09/30/25 18:52	1
Bromoform	ND		5.0	0.47	ug/L			09/30/25 18:52	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/25 18:52	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/25 18:52	1
Chlorobenzene	**1.1**	**J**	5.0	0.48	ug/L			09/30/25 18:52	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/25 18:52	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/25 18:52	1
Chloroform	ND		5.0	0.54	ug/L			09/30/25 18:52	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/25 18:52	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/25 18:52	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/25 18:52	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/25 18:52	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/25 18:52	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/25 18:52	1
Toluene	ND		5.0	0.45	ug/L			09/30/25 18:52	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/25 18:52	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/25 18:52	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/25 18:52	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/25 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*68 - 130*		*09/30/25 18:52*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*09/30/25 18:52*	*1*
Toluene-d8 (Surr)	*108*		*77 - 120*		*09/30/25 18:52*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*09/30/25 18:52*	*1*

Surrogate Summary

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

Job ID: 480-233063-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(77-120)	(75-123)
480-233063-1	BCC Area D Influent	115	103	108	104
480-233063-2	TRIP BLANK	115	103	108	112
LCS 480-758392/6	Lab Control Sample	114	103	106	102
LCS 480-758527/6	Lab Control Sample	111	104	105	103
MB 480-758392/8	Method Blank	115	104	106	105
MB 480-758527/8	Method Blank	112	104	107	103

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)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(8-424)	(22-125)
480-233063-1	BCC Area D Influent	78	80	55	58	37	72
LCS 480-758609/2-A	Lab Control Sample	107	91	60	78	47	98
MB 480-758609/1-A	Method Blank	75	73	48	57	34	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)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(10-120)	(10-126)
480-233063-1	BCC Area D Influent	80	80
LCS 480-758406/2-A	Lab Control Sample	79	83
LCSD 480-758406/3-A	Lab Control Sample Dup	75	81
MB 480-758406/1-A	Method Blank	84	85

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-758392/8
Matrix: Water
Analysis Batch: 758392

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			09/30/25 17:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/30/25 17:40	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/30/25 17:40	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/30/25 17:40	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/30/25 17:40	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/30/25 17:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/30/25 17:40	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/30/25 17:40	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/30/25 17:40	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/30/25 17:40	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/30/25 17:40	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/30/25 17:40	1
Acrolein	ND		100	17	ug/L			09/30/25 17:40	1
Acrylonitrile	ND		100	1.9	ug/L			09/30/25 17:40	1
Benzene	ND		5.0	0.60	ug/L			09/30/25 17:40	1
Bromoform	ND		5.0	0.47	ug/L			09/30/25 17:40	1
Bromomethane	ND		5.0	1.2	ug/L			09/30/25 17:40	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/30/25 17:40	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/30/25 17:40	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/30/25 17:40	1
Chloroethane	ND		5.0	0.87	ug/L			09/30/25 17:40	1
Chloroform	ND		5.0	0.54	ug/L			09/30/25 17:40	1
Chloromethane	ND		5.0	0.64	ug/L			09/30/25 17:40	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/30/25 17:40	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/30/25 17:40	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/30/25 17:40	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/30/25 17:40	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/30/25 17:40	1
Toluene	ND		5.0	0.45	ug/L			09/30/25 17:40	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/30/25 17:40	1
Trichloroethene	ND		5.0	0.60	ug/L			09/30/25 17:40	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/30/25 17:40	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/30/25 17:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*68 - 130*		*09/30/25 17:40*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*09/30/25 17:40*	*1*
Toluene-d8 (Surr)	*106*		*77 - 120*		*09/30/25 17:40*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*09/30/25 17:40*	*1*

Lab Sample ID: LCS 480-758392/6
Matrix: Water
Analysis Batch: 758392

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		116	52 - 162
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/L		110	46 - 157
1,1,2-Trichloroethane	20.0	21.5		ug/L		107	52 - 150

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

Lab Sample ID: LCS 480-758392/6
Matrix: Water
Analysis Batch: 758392

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	22.5		ug/L		112	59 - 155
1,1-Dichloroethene	20.0	22.2		ug/L		111	1 - 234
1,2-Dichlorobenzene	20.0	21.5		ug/L		108	18 - 190
1,2-Dichloroethane	20.0	23.6		ug/L		118	49 - 155
1,2-Dichloropropane	20.0	22.9		ug/L		115	1 - 210
1,3-Dichlorobenzene	20.0	21.9		ug/L		110	59 - 156
1,4-Dichlorobenzene	20.0	21.8		ug/L		109	18 - 190
2-Chloroethyl vinyl ether	20.0	26.8		ug/L		134	1 - 305
Benzene	20.0	21.9		ug/L		109	37 - 151
Bromoform	20.0	22.2		ug/L		111	45 - 169
Bromomethane	20.0	20.7		ug/L		104	1 - 242
Carbon tetrachloride	20.0	24.5		ug/L		122	70 - 140
Chlorobenzene	20.0	21.1		ug/L		106	37 - 160
Dibromochloromethane	20.0	22.1		ug/L		110	53 - 149
Chloroethane	20.0	22.1		ug/L		110	14 - 230
Chloroform	20.0	21.5		ug/L		108	51 - 138
Chloromethane	20.0	25.4		ug/L		127	1 - 273
cis-1,3-Dichloropropene	20.0	23.6		ug/L		118	1 - 227
Bromodichloromethane	20.0	23.4		ug/L		117	35 - 155
Ethylbenzene	20.0	21.1		ug/L		105	37 - 162
Methylene Chloride	20.0	22.0		ug/L		110	1 - 221
Tetrachloroethene	20.0	21.3		ug/L		106	64 - 148
Toluene	20.0	21.3		ug/L		107	47 - 150
trans-1,3-Dichloropropene	20.0	24.2		ug/L		121	17 - 183
Trichloroethene	20.0	22.0		ug/L		110	71 - 157
Trichlorofluoromethane	20.0	23.0		ug/L		115	17 - 181
Vinyl chloride	20.0	22.2		ug/L		111	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*68 - 130*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*
Toluene-d8 (Surr)	*106*		*77 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*

Lab Sample ID: MB 480-758527/8
Matrix: Water
Analysis Batch: 758527

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			10/01/25 16:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/01/25 16:00	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/01/25 16:00	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/01/25 16:00	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/01/25 16:00	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/01/25 16:00	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/01/25 16:00	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/01/25 16:00	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/01/25 16:00	1

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

Lab Sample ID: MB 480-758527/8
Matrix: Water
Analysis Batch: 758527

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/01/25 16:00	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/01/25 16:00	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/01/25 16:00	1
Acrolein	ND		100	17	ug/L			10/01/25 16:00	1
Acrylonitrile	ND		100	1.9	ug/L			10/01/25 16:00	1
Benzene	ND		5.0	0.60	ug/L			10/01/25 16:00	1
Bromoform	ND		5.0	0.47	ug/L			10/01/25 16:00	1
Bromomethane	ND		5.0	1.2	ug/L			10/01/25 16:00	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/01/25 16:00	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/01/25 16:00	1
Dibromochloromethane	ND		5.0	0.41	ug/L			10/01/25 16:00	1
Chloroethane	ND		5.0	0.87	ug/L			10/01/25 16:00	1
Chloroform	ND		5.0	0.54	ug/L			10/01/25 16:00	1
Chloromethane	ND		5.0	0.64	ug/L			10/01/25 16:00	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/01/25 16:00	1
Bromodichloromethane	ND		5.0	0.54	ug/L			10/01/25 16:00	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/01/25 16:00	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/01/25 16:00	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/01/25 16:00	1
Toluene	ND		5.0	0.45	ug/L			10/01/25 16:00	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/01/25 16:00	1
Trichloroethene	ND		5.0	0.60	ug/L			10/01/25 16:00	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			10/01/25 16:00	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/01/25 16:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*68 - 130*		*10/01/25 16:00*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*10/01/25 16:00*	*1*
Toluene-d8 (Surr)	*107*		*77 - 120*		*10/01/25 16:00*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*10/01/25 16:00*	*1*

Lab Sample ID: LCS 480-758527/6
Matrix: Water
Analysis Batch: 758527

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	23.9		ug/L		120	52 - 162
1,1,2,2-Tetrachloroethane	20.0	21.3		ug/L		106	46 - 157
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	52 - 150
1,1-Dichloroethane	20.0	22.6		ug/L		113	59 - 155
1,1-Dichloroethene	20.0	22.4		ug/L		112	1 - 234
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	23.4		ug/L		117	49 - 155
1,2-Dichloropropane	20.0	23.3		ug/L		116	1 - 210
1,3-Dichlorobenzene	20.0	21.3		ug/L		107	59 - 156
1,4-Dichlorobenzene	20.0	21.5		ug/L		108	18 - 190
2-Chloroethyl vinyl ether	20.0	26.2		ug/L		131	1 - 305
Benzene	20.0	22.5		ug/L		112	37 - 151

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

Lab Sample ID: LCS 480-758527/6
Matrix: Water
Analysis Batch: 758527

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	20.0	21.6		ug/L		108	45 - 169
Bromomethane	20.0	20.2		ug/L		101	1 - 242
Carbon tetrachloride	20.0	24.5		ug/L		122	70 - 140
Chlorobenzene	20.0	21.4		ug/L		107	37 - 160
Dibromochloromethane	20.0	22.0		ug/L		110	53 - 149
Chloroethane	20.0	21.2		ug/L		106	14 - 230
Chloroform	20.0	22.0		ug/L		110	51 - 138
Chloromethane	20.0	24.9		ug/L		125	1 - 273
cis-1,3-Dichloropropene	20.0	23.7		ug/L		118	1 - 227
Bromodichloromethane	20.0	23.0		ug/L		115	35 - 155
Ethylbenzene	20.0	21.8		ug/L		109	37 - 162
Methylene Chloride	20.0	21.8		ug/L		109	1 - 221
Tetrachloroethene	20.0	21.9		ug/L		109	64 - 148
Toluene	20.0	21.8		ug/L		109	47 - 150
trans-1,3-Dichloropropene	20.0	23.7		ug/L		118	17 - 183
Trichloroethene	20.0	22.7		ug/L		113	71 - 157
Trichlorofluoromethane	20.0	22.5		ug/L		112	17 - 181
Vinyl chloride	20.0	21.3		ug/L		106	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*68 - 130*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*
Toluene-d8 (Surr)	*105*		*77 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

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

Lab Sample ID: MB 480-758609/1-A
Matrix: Water
Analysis Batch: 758723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		10/02/25 08:41	10/03/25 14:53	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		10/02/25 08:41	10/03/25 14:53	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		10/02/25 08:41	10/03/25 14:53	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		10/02/25 08:41	10/03/25 14:53	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
2-Chloronaphthalene	ND		20	0.91	ug/L		10/02/25 08:41	10/03/25 14:53	1
2-Chlorophenol	ND		20	0.66	ug/L		10/02/25 08:41	10/03/25 14:53	1
2-Nitrophenol	ND		20	0.70	ug/L		10/02/25 08:41	10/03/25 14:53	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		10/02/25 08:41	10/03/25 14:53	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		10/02/25 08:41	10/03/25 14:53	1

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

Lab Sample ID: MB 480-758609/1-A
Matrix: Water
Analysis Batch: 758723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		10/02/25 08:41	10/03/25 14:53	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		10/02/25 08:41	10/03/25 14:53	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		10/02/25 08:41	10/03/25 14:53	1
4-Nitrophenol	ND		40	1.9	ug/L		10/02/25 08:41	10/03/25 14:53	1
Acenaphthene	ND		20	0.81	ug/L		10/02/25 08:41	10/03/25 14:53	1
Acenaphthylene	ND		20	0.87	ug/L		10/02/25 08:41	10/03/25 14:53	1
Aniline	ND		40	1.5	ug/L		10/02/25 08:41	10/03/25 14:53	1
Anthracene	ND		20	1.4	ug/L		10/02/25 08:41	10/03/25 14:53	1
Benzidine	ND		320	54	ug/L		10/02/25 08:41	10/03/25 14:53	1
Benzo[a]anthracene	ND		20	1.1	ug/L		10/02/25 08:41	10/03/25 14:53	1
Benzo[a]pyrene	ND		20	1.3	ug/L		10/02/25 08:41	10/03/25 14:53	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		10/02/25 08:41	10/03/25 14:53	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		10/02/25 08:41	10/03/25 14:53	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		10/02/25 08:41	10/03/25 14:53	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		10/02/25 08:41	10/03/25 14:53	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		10/02/25 08:41	10/03/25 14:53	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		10/02/25 08:41	10/03/25 14:53	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		10/02/25 08:41	10/03/25 14:53	1
Chrysene	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
Decane	ND		40	1.6	ug/L		10/02/25 08:41	10/03/25 14:53	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		10/02/25 08:41	10/03/25 14:53	1
Diethyl phthalate	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
Dimethyl phthalate	ND		20	0.91	ug/L		10/02/25 08:41	10/03/25 14:53	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		10/02/25 08:41	10/03/25 14:53	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		10/02/25 08:41	10/03/25 14:53	1
Fluoranthene	ND		20	1.6	ug/L		10/02/25 08:41	10/03/25 14:53	1
Fluorene	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
Hexachlorobenzene	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
Hexachlorobutadiene	ND		20	1.0	ug/L		10/02/25 08:41	10/03/25 14:53	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		10/02/25 08:41	10/03/25 14:53	1
Hexachloroethane	ND		20	0.60	ug/L		10/02/25 08:41	10/03/25 14:53	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		10/02/25 08:41	10/03/25 14:53	1
Isophorone	ND		20	0.74	ug/L		10/02/25 08:41	10/03/25 14:53	1
Naphthalene	ND		20	0.86	ug/L		10/02/25 08:41	10/03/25 14:53	1
Nitrobenzene	ND		20	0.81	ug/L		10/02/25 08:41	10/03/25 14:53	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		10/02/25 08:41	10/03/25 14:53	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		10/02/25 08:41	10/03/25 14:53	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		10/02/25 08:41	10/03/25 14:53	1
n-Octadecane	ND		40	1.2	ug/L		10/02/25 08:41	10/03/25 14:53	1
Pentachlorophenol	ND		40	3.2	ug/L		10/02/25 08:41	10/03/25 14:53	1
Phenanthrene	ND		20	1.2	ug/L		10/02/25 08:41	10/03/25 14:53	1
Phenol	ND		20	0.35	ug/L		10/02/25 08:41	10/03/25 14:53	1
Pyrene	ND		20	1.4	ug/L		10/02/25 08:41	10/03/25 14:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 151*	*10/02/25 08:41*	*10/03/25 14:53*	*1*
2-Fluorobiphenyl	*73*		*44 - 120*	*10/02/25 08:41*	*10/03/25 14:53*	*1*
2-Fluorophenol	*48*		*17 - 120*	*10/02/25 08:41*	*10/03/25 14:53*	*1*

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

Lab Sample ID: MB 480-758609/1-A
Matrix: Water
Analysis Batch: 758723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758609

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	57		15 - 314	10/02/25 08:41	10/03/25 14:53	1
Phenol-d5	34		8 - 424	10/02/25 08:41	10/03/25 14:53	1
p-Terphenyl-d14	90		22 - 125	10/02/25 08:41	10/03/25 14:53	1

Lab Sample ID: LCS 480-758609/2-A
Matrix: Water
Analysis Batch: 758723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	23.9	J	ug/L		75	44 - 142
1,2-Dichlorobenzene	32.0	23.0	J	ug/L		72	32 - 129
1,3-Dichlorobenzene	32.0	22.4	J	ug/L		70	1 - 172
1,4-Dichlorobenzene	32.0	22.5	J	ug/L		70	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	29.2		ug/L		91	36 - 166
2,4,6-Trichlorophenol	32.0	28.0		ug/L		88	37 - 144
2,4-Dichlorophenol	32.0	28.5		ug/L		89	39 - 135
2,4-Dimethylphenol	32.0	26.3		ug/L		82	32 - 120
2,4-Dinitrophenol	64.0	54.4		ug/L		85	1 - 191
2,4-Dinitrotoluene	32.0	29.0		ug/L		91	39 - 139
2,6-Dinitrotoluene	32.0	28.2		ug/L		88	50 - 158
2-Chloronaphthalene	32.0	27.0		ug/L		84	60 - 120
2-Chlorophenol	32.0	23.6		ug/L		74	23 - 134
2-Nitrophenol	32.0	25.9		ug/L		81	29 - 182
3,3'-Dichlorobenzidine	32.0	32.8		ug/L		102	1 - 262
4,6-Dinitro-2-methylphenol	64.0	62.5		ug/L		98	1 - 181
4-Bromophenyl phenyl ether	32.0	30.4		ug/L		95	53 - 127
4-Chloro-3-methylphenol	32.0	28.2		ug/L		88	22 - 147
4-Chlorophenyl phenyl ether	32.0	28.4		ug/L		89	25 - 158
4-Nitrophenol	64.0	40.8		ug/L		64	1 - 132
Acenaphthene	32.0	28.1		ug/L		88	47 - 145
Acenaphthylene	32.0	28.5		ug/L		89	33 - 145
Aniline	32.0	17.2	J	ug/L		54	40 - 120
Anthracene	32.0	31.3		ug/L		98	27 - 133
Benzo[a]anthracene	32.0	30.8		ug/L		96	33 - 143
Benzo[a]pyrene	32.0	29.4		ug/L		92	17 - 163
Benzo[b]fluoranthene	32.0	31.0		ug/L		97	24 - 159
Benzo[g,h,i]perylene	32.0	31.1		ug/L		97	1 - 219
Benzo[k]fluoranthene	32.0	30.2		ug/L		94	11 - 162
Bis(2-chloroethoxy)methane	32.0	25.6		ug/L		80	33 - 184
Bis(2-chloroethyl)ether	32.0	27.9		ug/L		87	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	28.2	J	ug/L		88	8 - 158
Butyl benzyl phthalate	32.0	29.6		ug/L		92	1 - 152
Chrysene	32.0	30.0		ug/L		94	17 - 168
Dibenz(a,h)anthracene	32.0	30.5		ug/L		95	1 - 227
Diethyl phthalate	32.0	28.5		ug/L		89	1 - 120
Dimethyl phthalate	32.0	29.0		ug/L		91	1 - 120
Di-n-butyl phthalate	32.0	29.9		ug/L		94	1 - 120
Di-n-octyl phthalate	32.0	28.2		ug/L		88	4 - 146

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

Lab Sample ID: LCS 480-758609/2-A
Matrix: Water
Analysis Batch: 758723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	32.0	31.3		ug/L		98	26 - 137
Fluorene	32.0	29.9		ug/L		93	59 - 121
Hexachlorobenzene	32.0	30.1		ug/L		94	1 - 152
Hexachlorocyclopentadiene	32.0	16.7	J	ug/L		52	5 - 120
Hexachloroethane	32.0	20.1		ug/L		63	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.1		ug/L		94	1 - 171
Isophorone	32.0	25.7		ug/L		80	21 - 196
Naphthalene	32.0	25.6		ug/L		80	21 - 133
Nitrobenzene	32.0	25.0		ug/L		78	35 - 180
N-Nitrosodi-n-propylamine	32.0	23.6		ug/L		74	1 - 230
N-Nitrosodiphenylamine	32.0	31.0		ug/L		97	54 - 125
Pentachlorophenol	64.0	63.8		ug/L		100	14 - 176
Phenanthrene	32.0	30.9		ug/L		97	54 - 120
Phenol	32.0	13.8	J	ug/L		43	5 - 120
Pyrene	32.0	31.9		ug/L		100	52 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*107*		*52 - 151*
2-Fluorobiphenyl	*91*		*44 - 120*
2-Fluorophenol	*60*		*17 - 120*
Nitrobenzene-d5	*78*		*15 - 314*
Phenol-d5	*47*		*8 - 424*
p-Terphenyl-d14	*98*		*22 - 125*

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

Lab Sample ID: MB 480-758406/1-A
Matrix: Water
Analysis Batch: 758500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		09/30/25 13:39	10/01/25 11:52	1
PCB-1221	ND		0.060	0.038	ug/L		09/30/25 13:39	10/01/25 11:52	1
PCB-1232	ND		0.060	0.038	ug/L		09/30/25 13:39	10/01/25 11:52	1
PCB-1242	ND		0.060	0.038	ug/L		09/30/25 13:39	10/01/25 11:52	1
PCB-1248	ND		0.060	0.038	ug/L		09/30/25 13:39	10/01/25 11:52	1
PCB-1254	ND		0.060	0.031	ug/L		09/30/25 13:39	10/01/25 11:52	1
PCB-1260	ND		0.060	0.031	ug/L		09/30/25 13:39	10/01/25 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 120*	*09/30/25 13:39*	*10/01/25 11:52*	*1*
Tetrachloro-m-xylene	*85*		*10 - 126*	*09/30/25 13:39*	*10/01/25 11:52*	*1*

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

Lab Sample ID: LCS 480-758406/2-A
Matrix: Water
Analysis Batch: 758500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758406

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.888		ug/L		89	69 - 123		
PCB-1260			1.00	0.989		ug/L		99	69 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*79*		*10 - 120*
Tetrachloro-m-xylene	*83*		*10 - 126*

Lab Sample ID: LCSD 480-758406/3-A
Matrix: Water
Analysis Batch: 758500

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 758406

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.892		ug/L		89	69 - 123	1	30
PCB-1260			1.00	0.983		ug/L		98	69 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*75*		*10 - 120*
Tetrachloro-m-xylene	*81*		*10 - 126*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-758422/1-A
Matrix: Water
Analysis Batch: 758576

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758422

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		10/01/25 08:31	10/01/25 15:15	1
Copper	0.00450	J	0.010	0.0045	mg/L		10/01/25 08:31	10/01/25 15:15	1
Lead	ND		0.010	0.0039	mg/L		10/01/25 08:31	10/01/25 15:15	1
Nickel	ND		0.010	0.0034	mg/L		10/01/25 08:31	10/01/25 15:15	1
Zinc	ND		0.010	0.0068	mg/L		10/01/25 08:31	10/01/25 15:15	1

Lab Sample ID: LCS 480-758422/2-A
Matrix: Water
Analysis Batch: 758576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758422

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	0.511		mg/L		102	85 - 115		
Lead			0.500	0.506		mg/L		101	85 - 115		
Nickel			0.500	0.506		mg/L		101	85 - 115		
Zinc			0.500	0.517		mg/L		103	85 - 115		

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-758345/1-A
Matrix: Water
Analysis Batch: 758411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		09/30/25 09:15	09/30/25 12:40	1

Lab Sample ID: LCS 480-758345/2-A
Matrix: Water
Analysis Batch: 758411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00668		mg/L		100	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-758892/45
Matrix: Water
Analysis Batch: 758892

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			10/05/25 19:26	1

Lab Sample ID: LCS 480-758892/46
Matrix: Water
Analysis Batch: 758892

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	0.0961		mg/L		96	90 - 110

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-758453/3
Matrix: Water
Analysis Batch: 758453

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphate as P	ND		0.010	0.0050	mg/L as P			09/30/25 18:06	1

Lab Sample ID: LCS 480-758453/4
Matrix: Water
Analysis Batch: 758453

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	0.205		mg/L as P		102	90 - 110

Lab Sample ID: 480-233063-1 MS
Matrix: Water
Analysis Batch: 758453

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	0.32		0.500	0.749		mg/L as P		86	52 - 148

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: 480-233063-1 MSD
Client Sample ID: BCC Area D Influent
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 758453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Phosphate as P	0.32		0.500	0.797		mg/L as P		96	52 - 148	6	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

GC/MS VOA

Analysis Batch: 758392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-758392/8	Method Blank	Total/NA	Water	624.1	
LCS 480-758392/6	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 758527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	624.1	
MB 480-758527/8	Method Blank	Total/NA	Water	624.1	
LCS 480-758527/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 758609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	625	
MB 480-758609/1-A	Method Blank	Total/NA	Water	625	
LCS 480-758609/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 758723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	625.1	758609
MB 480-758609/1-A	Method Blank	Total/NA	Water	625.1	758609
LCS 480-758609/2-A	Lab Control Sample	Total/NA	Water	625.1	758609

GC Semi VOA

Prep Batch: 758406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	3510C	
MB 480-758406/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-758406/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-758406/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 758500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	608.3	758406
MB 480-758406/1-A	Method Blank	Total/NA	Water	608.3	758406
LCS 480-758406/2-A	Lab Control Sample	Total/NA	Water	608.3	758406
LCSD 480-758406/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	758406

Metals

Prep Batch: 758345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	245.1	
MB 480-758345/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-758345/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 758411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	245.1	758345
MB 480-758345/1-A	Method Blank	Total/NA	Water	245.1	758345

Metals (Continued)

Analysis Batch: 758411 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-758345/2-A	Lab Control Sample	Total/NA	Water	245.1	758345

Prep Batch: 758422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	200.7	
MB 480-758422/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-758422/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 758576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	200.7 Rev 4.4	758422
MB 480-758422/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	758422
LCS 480-758422/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	758422

General Chemistry

Analysis Batch: 758453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	SM 4500 P E	
MB 480-758453/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-758453/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	
480-233063-1 MS	BCC Area D Influent	Total/NA	Water	SM 4500 P E	
480-233063-1 MSD	BCC Area D Influent	Total/NA	Water	SM 4500 P E	

Analysis Batch: 758681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 758892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233063-1	BCC Area D Influent	Total/NA	Water	420.4	
MB 480-758892/45	Method Blank	Total/NA	Water	420.4	
LCS 480-758892/46	Lab Control Sample	Total/NA	Water	420.4	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Client Sample ID: BCC Area D Influent
Lab Sample ID: 480-233063-1

Date Collected: 09/29/25 12:00
Matrix: Water
Date Received: 09/29/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		40	758527	AXK	EET BUF	10/01/25 16:24
Total/NA	Prep	625			758609	JMP	EET BUF	10/02/25 08:41
Total/NA	Analysis	625.1		5	758723	AF	EET BUF	10/03/25 17:06
Total/NA	Prep	3510C			758406	LSC	EET BUF	09/30/25 13:39
Total/NA	Analysis	608.3		1	758500	J1B	EET BUF	10/01/25 14:37
Total/NA	Prep	200.7			758422	EMO	EET BUF	10/01/25 08:31
Total/NA	Analysis	200.7 Rev 4.4		1	758576	MP	EET BUF	10/01/25 16:31
Total/NA	Prep	245.1			758345	ESB	EET BUF	09/30/25 09:15
Total/NA	Analysis	245.1		1	758411	ESB	EET BUF	09/30/25 13:12
Total/NA	Analysis	420.4		1	758892	GW	EET BUF	10/05/25 20:54
Total/NA	Analysis	SM 4500 CN G		1	758681	JJP	EET BUF	10/02/25 13:57
Total/NA	Analysis	SM 4500 P E		1	758453	GW	EET BUF	09/30/25 18:06

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-233063-2

Date Collected: 09/29/25 12:30
Matrix: Water
Date Received: 09/29/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	758392	AXK	EET BUF	09/30/25 18:52

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

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	03-31-26

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

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

Method Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

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.
Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-233063-1	BCC Area D Influent	Water	09/29/25 12:00	09/29/25 14:00	New York
480-233063-2	TRIP BLANK	Water	09/29/25 12:30	09/29/25 14:00	New York

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-233063-1
Project/Site: Buffalo Color Area D Annual Influent

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

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

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

Chain of Custody Record

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Client Information	Sampler: K Colligan	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-206648-8316.1
Client Contact: Kirsten Colligan	Phone: 716-574-6936	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:			Job #:
Address: 140 Lee St.	Due Date Requested:			
City: Buffalo	TAT Requested (days): std			
State, Zip: NY, 14210	Compliance Project: Δ Yes Δ No			
Phone: 716-856-3333	PO #: 67640			
Email: kcolligan@oscinc.com	WO #:			
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area	Project #: 48003159			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
S - H2SO4
D - HNO3
N - None
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	4500_P_E - Total Phosphate as P	200.7, 245.1	420.4 - Total Recoverable Phenolics	624.1_PREC - Priority Pollutant List - VOA - 624	608.3_PCB_PREC - Priority Pollutant PCBs	625.1_PREC - Priority Pollutant List - SVOA - 625	4500_CN_E, 4500_CN_G	SM4500CN_G_Calc - Cyanide, Amenable	Total Number of containers	Special Instructions/Note:
			Preservation Code:				S	D	S	N	N	N	B	B		
BCC Area D Influent	09/29/25	1200	G	Water			X	X	X	X	X	X	X	X		
TRIP BLANK	09/29/25	1230	—	Water						X						

480-233063 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K	09/29/25 1400	OSC	[illegible]	9/29/25 1400	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		9/16 IR#5C ICE

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-233063-1

Login Number: 233063

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	9.6 ICE IR# SC
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	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-233063-1

Login Number: 233063

List Source: Eurofins Buffalo

List Number: 2

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/14/2025 9:48:43 AM

JOB DESCRIPTION

Area A/D Effluent
Area A/D Effluent

JOB NUMBER

480-233066-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Authorized for release by
John Schove, Project Manager II
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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Qualifiers

LCMS

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

Glossary

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

Job ID: 480-233066-1 Eurofins Buffalo

Job Narrative
480-233066-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 9/29/2025 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.0°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
Method 1633A: Analyte Perfluorononanoic acid (PFNA) was marked as non-detect for sample Area A/D Effluent (480-233066-1) due to a detection below RL and failing ion ratio.

Method 1633A: Target analyte(s): Perfluorohexanoic acid (PFHxA) were detected in the method blank associated with the following sample: Area A/D Effluent (480-233066-1). Since the native analyte is not detected in the sample, the data is reported.

Method 1633A: Target analyte(s): N-ethylperfluorooctane sulfonamide (NEtFOSA) and N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) were detected in the method blank associated with the following sample: Field Blank (480-233066-3). Since the native analyte is not detected in the sample, the data is reported.

Method 1633A: Target analyte(s) Perfluorobutanoic acid (PFBA) was detected in field blank Field Blank (480-233066-3). The following action was taken: This sample was re-extracted within the required holding time and target analyte(s) were again detected in the re-extracted field blank.

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: Area A/D Effluent

Job ID: 480-233066-1

Client Sample ID: Area A/D Effluent — Lab Sample ID: 480-233066-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.24		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	4.7		3.0	0.81	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	1.6		1.5	0.44	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	2.0		1.5	0.67	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.79	J	1.5	0.37	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.72	J	1.5	0.59	ng/L	1		1633A	Total/NA

Client Sample ID: Area A/D Effluent D — Lab Sample ID: 480-233066-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.24		0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	4.4		2.9	0.81	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	1.7		1.5	0.44	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.6		1.5	0.66	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.99	J	1.5	0.37	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.1	J	1.5	0.59	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA) - RE	1.3	J	1.5	0.37	ng/L	1		1633A	Total/NA

Client Sample ID: Field Blank — Lab Sample ID: 480-233066-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.3	J	3.2	0.87	ng/L	1		1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Client Sample ID: Area A/D Effluent
Lab Sample ID: 480-233066-1

Date Collected: 09/29/25 13:10
Matrix: Ground Water

Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.24**		0.20	0.10	ug/L		09/30/25 13:26	10/01/25 12:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*15 - 110*	*09/30/25 13:26*	*10/01/25 12:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**4.7**		3.0	0.81	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoropentanoic acid (PFPeA)	**1.6**		1.5	0.44	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorohexanoic acid (PFHxA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoroheptanoic acid (PFHpA)	ND		1.5	0.59	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorooctanoic acid (PFOA)	**2.0**		1.5	0.67	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorononanoic acid (PFNA)	ND		1.5	1.5	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorodecanoic acid (PFDA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoroundecanoic acid (PFUnA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorododecanoic acid (PFDoA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorobutanesulfonic acid (PFBS)	**0.79**	**J**	1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorohexanesulfonic acid (PFHxS)	**0.72**	**J**	1.5	0.59	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.5	0.96	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorononanesulfonic acid (PFNS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.5	0.44	ng/L		10/06/25 13:48	10/07/25 20:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		3.0	0.74	ng/L		10/06/25 13:48	10/07/25 20:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		3.0	0.74	ng/L		10/06/25 13:48	10/07/25 20:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		3.0	0.74	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		7.4	1.9	ng/L		10/06/25 13:48	10/07/25 20:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		7.4	3.0	ng/L		10/06/25 13:48	10/07/25 20:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.5	1.0	ng/L		10/06/25 13:48	10/07/25 20:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Client Sample ID: Area A/D Effluent
Lab Sample ID: 480-233066-1
Date Collected: 09/29/25 13:10
Matrix: Ground Water
Date Received: 09/29/25 14:00

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/07/25 20:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		3.0	0.74	ng/L		10/06/25 13:48	10/07/25 20:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		7.4	2.1	ng/L		10/06/25 13:48	10/07/25 20:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		7.4	1.9	ng/L		10/06/25 13:48	10/07/25 20:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.8*		*5 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C5 PFPeA	*110*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C5 PFHxA	*84.2*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C4 PFHpA	*104*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C8 PFOA	*90.1*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C9 PFNA	*95.8*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C6 PFDA	*91.3*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C7 PFUnA	*87.1*		*30 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C2 PFTeDA	*84.2*		*10 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C3 PFBS	*93.5*		*40 - 135*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C3 PFHxS	*98.8*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C8 PFOS	*103*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C8 FOSA	*93.4*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
d3-NMeFOSAA	*100*		*40 - 170*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
d5-NEtFOSAA	*95.3*		*25 - 135*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C2 4:2 FTS	*102*		*40 - 200*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C2 6:2 FTS	*90.0*		*40 - 200*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C2 8:2 FTS	*98.4*		*40 - 300*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C3 HFPO-DA	*84.7*		*40 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
d7-N-MeFOSE-M	*79.2*		*10 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
d9-N-EtFOSE-M	*70.5*		*10 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
d5-NEtPFOSA	*75.8*		*10 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
d3-NMePFOSA	*78.2*		*10 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*
13C2 PFDoA	*86.2*		*10 - 130*	*10/06/25 13:48*	*10/07/25 20:26*	*1*

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Client Sample ID: Area A/D Effluent D
Lab Sample ID: 480-233066-2
Date Collected: 09/29/25 13:15
Matrix: Ground Water
Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.24		0.20	0.10	ug/L		09/30/25 13:26	10/01/25 17:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*15 - 110*	*09/30/25 13:26*	*10/01/25 17:29*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	4.4		2.9	0.81	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoropentanoic acid (PFPeA)	1.7		1.5	0.44	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoroheptanoic acid (PFHpA)	ND		1.5	0.59	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorooctanoic acid (PFOA)	1.6		1.5	0.66	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorononanoic acid (PFNA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorodecanoic acid (PFDA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoroundecanoic acid (PFUnA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorododecanoic acid (PFDoA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorobutanesulfonic acid (PFBS)	0.99	J	1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorohexanesulfonic acid (PFHxS)	1.1	J	1.5	0.59	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.5	0.95	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorononanesulfonic acid (PFNS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.5	0.44	ng/L		10/06/25 13:48	10/08/25 02:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.9	0.73	ng/L		10/06/25 13:48	10/08/25 02:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.9	0.73	ng/L		10/06/25 13:48	10/08/25 02:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.9	0.73	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		7.3	1.8	ng/L		10/06/25 13:48	10/08/25 02:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		7.3	2.9	ng/L		10/06/25 13:48	10/08/25 02:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.5	1.0	ng/L		10/06/25 13:48	10/08/25 02:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1

Client Sample ID: Area A/D Effluent D
Lab Sample ID: 480-233066-2
Date Collected: 09/29/25 13:15
Matrix: Ground Water
Date Received: 09/29/25 14:00

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.5	0.37	ng/L		10/06/25 13:48	10/08/25 02:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.9	0.73	ng/L		10/06/25 13:48	10/08/25 02:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		7.3	2.1	ng/L		10/06/25 13:48	10/08/25 02:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		7.3	1.8	ng/L		10/06/25 13:48	10/08/25 02:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.2*		*5 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C5 PFPeA	*92.7*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C5 PFHxA	*94.3*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C4 PFHpA	*86.1*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C8 PFOA	*89.6*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C9 PFNA	*95.2*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C6 PFDA	*91.1*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C7 PFUnA	*86.1*		*30 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C2 PFTeDA	*77.8*		*10 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C3 PFBS	*101*		*40 - 135*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C3 PFHxS	*90.3*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C8 PFOS	*95.7*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C8 FOSA	*90.8*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
d3-NMeFOSAA	*103*		*40 - 170*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
d5-NEtFOSAA	*94.4*		*25 - 135*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C2 4:2 FTS	*160*		*40 - 200*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C2 6:2 FTS	*94.3*		*40 - 200*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C2 8:2 FTS	*104*		*40 - 300*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C3 HFPO-DA	*88.8*		*40 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
d7-N-MeFOSE-M	*77.4*		*10 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
d9-N-EtFOSE-M	*62.9*		*10 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
d5-NEtPFOSA	*79.9*		*10 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
d3-NMePFOSA	*84.9*		*10 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*
13C2 PFDoA	*89.8*		*10 - 130*	*10/06/25 13:48*	*10/08/25 02:18*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**1.3**	**J**	1.5	0.37	ng/L		10/09/25 14:27	10/10/25 00:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C5 PFHxA	*58.9*		*40 - 130*	*10/09/25 14:27*	*10/10/25 00:05*	*1*

Client Sample ID: Field Blank
Lab Sample ID: 480-233066-3
Date Collected: 09/29/25 13:15
Matrix: Water
Date Received: 09/29/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/30/25 13:26	10/01/25 17:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*15 - 110*	*09/30/25 13:26*	*10/01/25 17:50*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.3**	**J**	3.2	0.87	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoropentanoic acid (PFPeA)	ND		1.6	0.48	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorohexanoic acid (PFHxA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoroheptanoic acid (PFHpA)	ND		1.6	0.64	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorooctanoic acid (PFOA)	ND		1.6	0.71	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorononanoic acid (PFNA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorodecanoic acid (PFDA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoroundecanoic acid (PFUnA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorododecanoic acid (PFDoA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.6	0.64	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.6	1.0	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorononanesulfonic acid (PFNS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.6	0.48	ng/L		10/13/25 09:35	10/13/25 19:35	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		3.2	0.79	ng/L		10/13/25 09:35	10/13/25 19:35	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		3.2	0.79	ng/L		10/13/25 09:35	10/13/25 19:35	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		3.2	0.79	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		7.9	2.0	ng/L		10/13/25 09:35	10/13/25 19:35	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		7.9	3.2	ng/L		10/13/25 09:35	10/13/25 19:35	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.6	1.1	ng/L		10/13/25 09:35	10/13/25 19:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Client Sample ID: Field Blank
Lab Sample ID: 480-233066-3
Date Collected: 09/29/25 13:15
Matrix: Water
Date Received: 09/29/25 14:00

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.6	0.40	ng/L		10/13/25 09:35	10/13/25 19:35	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		3.2	0.79	ng/L		10/13/25 09:35	10/13/25 19:35	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		7.9	2.2	ng/L		10/13/25 09:35	10/13/25 19:35	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		7.9	2.0	ng/L		10/13/25 09:35	10/13/25 19:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*106*		*5 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C5 PFPeA	*96.5*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C5 PFHxA	*101*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C4 PFHpA	*103*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C8 PFOA	*105*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C9 PFNA	*105*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C6 PFDA	*92.9*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C7 PFUnA	*92.0*		*30 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C2 PFTeDA	*81.0*		*10 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C3 PFBS	*105*		*40 - 135*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C3 PFHxS	*98.9*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C8 PFOS	*100*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C8 FOSA	*85.9*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
d3-NMeFOSAA	*79.1*		*40 - 170*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
d5-NEtFOSAA	*84.7*		*25 - 135*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C2 4:2 FTS	*102*		*40 - 200*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C2 6:2 FTS	*113*		*40 - 200*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C2 8:2 FTS	*95.0*		*40 - 300*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C3 HFPO-DA	*94.0*		*40 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
d7-N-MeFOSE-M	*73.7*		*10 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
d9-N-EtFOSE-M	*63.4*		*10 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
d5-NEtPFOSA	*71.8*		*10 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
d3-NMePFOSA	*77.1*		*10 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*
13C2 PFDoA	*83.6*		*10 - 130*	*10/13/25 09:35*	*10/13/25 19:35*	*1*

Isotope Dilution Summary

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

Job ID: 480-233066-1

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(15-110)
480-233066-1	Area A/D Effluent	35
480-233066-1 MS	Area A/D Effluent	37
480-233066-1 MSD	Area A/D Effluent	36
480-233066-2	Area A/D Effluent D	33

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(15-110)
480-233066-3	Field Blank	34
LCS 480-758400/2-A	Lab Control Sample	39
MB 480-758400/1-A	Method Blank	36

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
480-233066-1	Area A/D Effluent	95.8	110	84.2	104	90.1	95.8	91.3	87.1
480-233066-1 MS	Area A/D Effluent	99.7	98.6	94.1	87.0	92.2	103	93.2	89.3
480-233066-1 MSD	Area A/D Effluent	101	100	97.0	90.0	97.0	95.9	93.6	92.6
480-233066-2	Area A/D Effluent D	95.2	92.7	94.3	86.1	89.6	95.2	91.1	86.1
480-233066-2 - RE	Area A/D Effluent D			58.9					

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
480-233066-1	Area A/D Effluent	84.2	93.5	98.8	103	93.4	100	95.3	102
480-233066-1 MS	Area A/D Effluent	73.9	104	93.3	98.5	95.1	104	90.7	156
480-233066-1 MSD	Area A/D Effluent	71.3	108	95.0	94.4	91.2	97.5	91.6	160
480-233066-2	Area A/D Effluent D	77.8	101	90.3	95.7	90.8	103	94.4	160
480-233066-2 - RE	Area A/D Effluent D								

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
480-233066-1	Area A/D Effluent	90.0	98.4	84.7	79.2	70.5	75.8	78.2	86.2
480-233066-1 MS	Area A/D Effluent	98.4	113	88.4	82.4	67.0	86.2	88.4	94.4
480-233066-1 MSD	Area A/D Effluent	92.6	109	90.8	77.1	72.2	80.3	84.3	91.6
480-233066-2	Area A/D Effluent D	94.3	104	88.8	77.4	62.9	79.9	84.9	89.8
480-233066-2 - RE	Area A/D Effluent D								

Surrogate Legend

PFBA = 13C4 PFBA

Isotope Dilution Summary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-233066-1

Project/Site: Area A/D Effluent

PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
480-233066-3	Field Blank	106	96.5	101	103	105	105	92.9	92.0
LCS 410-709680/19-A	Lab Control Sample	101	102	97.6	102	95.5	100	98.0	92.3
LCS 410-711582/2-A	Lab Control Sample	98.6	92.9	92.7	84.6	90.3	93.8	87.3	87.7
LCS 410-713000/10-A	Lab Control Sample	114	106	108	112	109	106	103	99.5
LCSD 410-711582/3-A	Lab Control Sample Dup	98.9	101	99.1	92.0	94.0	90.5	94.1	95.9
LLCS 410-709680/20-A	Lab Control Sample	104	102	95.7	102	94.4	99.0	95.0	88.5
LLCS 410-711582/4-A	Lab Control Sample	93.3	96.5	99.4	88.5	87.2	93.2	89.6	88.0
LLCS 410-713000/11-A	Lab Control Sample	105	102	105	108	100	97.6	101	93.3
MB 410-709680/18-A	Method Blank	96.9	97.2	92.3	95.8	92.5	97.5	90.2	85.8
MB 410-711582/1-A	Method Blank	83.1	83.3	80.0	80.7	77.6	77.5	75.8	74.1
MB 410-713000/9-A	Method Blank	103	94.3	98.8	102	95.6	92.5	97.0	93.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
480-233066-3	Field Blank	81.0	105	98.9	100	85.9	79.1	84.7	102
LCS 410-709680/19-A	Lab Control Sample	75.7	98.3	97.2	99.2	85.4	85.5	81.4	98.0
LCS 410-711582/2-A	Lab Control Sample	74.8	101	90.7	97.5	97.5	84.5	86.5	112
LCS 410-713000/10-A	Lab Control Sample	98.7	110	105	105	91.3	85.5	91.7	107
LCSD 410-711582/3-A	Lab Control Sample Dup	77.3	107	93.8	95.6	92.0	75.7	74.7	114
LLCS 410-709680/20-A	Lab Control Sample	78.0	98.0	94.9	96.7	83.6	82.1	77.9	105
LLCS 410-711582/4-A	Lab Control Sample	77.1	95.6	88.9	95.2	89.7	76.8	79.4	103
LLCS 410-713000/11-A	Lab Control Sample	73.6	102	97.8	98.8	84.8	79.6	86.1	94.7
MB 410-709680/18-A	Method Blank	74.1	92.7	89.7	92.4	86.6	78.3	102	89.6
MB 410-711582/1-A	Method Blank	65.3	87.1	77.3	82.6	82.8	67.0	71.0	99.2
MB 410-713000/9-A	Method Blank	75.8	104	97.3	94.6	86.8	82.3	82.9	101

Isotope Dilution Summary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
480-233066-3	Field Blank	113	95.0	94.0	73.7	63.4	71.8	77.1	83.6
LCS 410-709680/19-A	Lab Control Sample	86.0	85.0	108	49.8	38.7	72.0	75.4	89.9
LCS 410-711582/2-A	Lab Control Sample	93.8	113	83.5	70.1	60.5	81.5	85.1	88.6
LCS 410-713000/10-A	Lab Control Sample	110	97.0	105	78.2	69.5	72.5	78.3	93.1
LCSD 410-711582/3-A	Lab Control Sample Dup	95.4	120	91.3	72.1	61.5	76.1	76.0	92.9
LLCS 410-709680/20-A	Lab Control Sample	95.5	84.2	102	43.4	32.5	72.8	78.8	88.8
LLCS 410-711582/4-A	Lab Control Sample	93.0	113	84.2	62.6	56.9	76.3	76.9	90.9
LLCS 410-713000/11-A	Lab Control Sample	106	91.5	102	61.3	55.6	62.2	64.5	83.4
MB 410-709680/18-A	Method Blank	84.1	76.9	101	73.0	59.0	70.6	76.1	88.2
MB 410-711582/1-A	Method Blank	91.9	106	73.4	68.5	60.5	63.3	68.2	74.7
MB 410-713000/9-A	Method Blank	107	92.9	93.2	73.0	64.0	73.5	76.4	88.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

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

Lab Sample ID: MB 480-758400/1-A
Matrix: Water
Analysis Batch: 758488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/30/25 13:26	10/01/25 11:12	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*15 - 110*	*09/30/25 13:26*	*10/01/25 11:12*	*1*

Lab Sample ID: LCS 480-758400/2-A
Matrix: Water
Analysis Batch: 758488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758400

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			2.00	2.19		ug/L		110	40 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*39*		*15 - 110*

Lab Sample ID: 480-233066-1 MS
Matrix: Ground Water
Analysis Batch: 758488

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 758400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	0.24		2.00	2.37		ug/L		106	40 - 140		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*37*		*15 - 110*

Lab Sample ID: 480-233066-1 MSD
Matrix: Ground Water
Analysis Batch: 758488

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 758400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.24		2.00	2.46		ug/L		111	40 - 140	4	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*36*		*15 - 110*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-709680/18-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorohexanoic acid (PFHxA)	0.537	J	2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709680/18-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		10/06/25 13:48	10/07/25 12:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		10/06/25 13:48	10/07/25 12:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		10/06/25 13:48	10/07/25 12:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	2.5	ng/L		10/06/25 13:48	10/07/25 12:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		10/06/25 13:48	10/07/25 12:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		10/06/25 13:48	10/07/25 12:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		10/06/25 13:48	10/07/25 12:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		10/06/25 13:48	10/07/25 12:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		10/06/25 13:48	10/07/25 12:29	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-709680/18-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		10/06/25 13:48	10/07/25 12:29	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.9*		*5 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C5 PFPeA	*97.2*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C5 PFHxA	*92.3*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C4 PFHpA	*95.8*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C8 PFOA	*92.5*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C9 PFNA	*97.5*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C6 PFDA	*90.2*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C7 PFUnA	*85.8*		*30 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C2 PFTeDA	*74.1*		*10 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C3 PFBS	*92.7*		*40 - 135*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C3 PFHxS	*89.7*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C8 PFOS	*92.4*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C8 FOSA	*86.6*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
d3-NMeFOSAA	*78.3*		*40 - 170*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
d5-NEtFOSAA	*102*		*25 - 135*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C2 4:2 FTS	*89.6*		*40 - 200*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C2 6:2 FTS	*84.1*		*40 - 200*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C2 8:2 FTS	*76.9*		*40 - 300*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C3 HFPO-DA	*101*		*40 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
d7-N-MeFOSE-M	*73.0*		*10 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
d9-N-EtFOSE-M	*59.0*		*10 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
d5-NEtPFOSA	*70.6*		*10 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
d3-NMePFOSA	*76.1*		*10 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*
13C2 PFDoA	*88.2*		*10 - 130*	*10/06/25 13:48*	*10/07/25 12:29*	*1*

Lab Sample ID: LCS 410-709680/19-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	71.1		ng/L		89	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	38.4		ng/L		96	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	37.9		ng/L		95	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	37.3		ng/L		93	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	37.9		ng/L		95	70 - 150
Perfluorononanoic acid (PFNA)	40.0	36.8		ng/L		92	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	35.9		ng/L		90	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	37.7		ng/L		94	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	39.4		ng/L		98	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	36.7		ng/L		92	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	37.8		ng/L		94	60 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709680/19-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonic acid (PFBS)	35.5	32.2		ng/L		91	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	35.7		ng/L		95	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	32.0		ng/L		88	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	35.4		ng/L		93	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	32.1		ng/L		86	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	30.7		ng/L		80	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	31.0		ng/L		80	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	28.9		ng/L		74	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	68.6		ng/L		91	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	72.2		ng/L		95	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	71.0		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	37.1		ng/L		93	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	35.8		ng/L		89	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	35.5		ng/L		89	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	35.9		ng/L		90	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.5		ng/L		94	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	179		ng/L		90	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	191		ng/L		96	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	26.0		ng/L		87	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	33.5		ng/L		88	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	39.2		ng/L		98	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	35.1		ng/L		88	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	34.5		ng/L		86	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	31.5		ng/L		84	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	29.5		ng/L		78	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	36.7		ng/L		103	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	68.5		ng/L		86	65 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-709680/19-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	157		ng/L		78	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	146		ng/L		73	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*101*		*5 - 130*
13C5 PFPeA	*102*		*40 - 130*
13C5 PFHxA	*97.6*		*40 - 130*
13C4 PFHpA	*102*		*40 - 130*
13C8 PFOA	*95.5*		*40 - 130*
13C9 PFNA	*100*		*40 - 130*
13C6 PFDA	*98.0*		*40 - 130*
13C7 PFUnA	*92.3*		*30 - 130*
13C2 PFTeDA	*75.7*		*10 - 130*
13C3 PFBS	*98.3*		*40 - 135*
13C3 PFHxS	*97.2*		*40 - 130*
13C8 PFOS	*99.2*		*40 - 130*
13C8 FOSA	*85.4*		*40 - 130*
d3-NMeFOSAA	*85.5*		*40 - 170*
d5-NEtFOSAA	*81.4*		*25 - 135*
13C2 4:2 FTS	*98.0*		*40 - 200*
13C2 6:2 FTS	*86.0*		*40 - 200*
13C2 8:2 FTS	*85.0*		*40 - 300*
13C3 HFPO-DA	*108*		*40 - 130*
d7-N-MeFOSE-M	*49.8*		*10 - 130*
d9-N-EtFOSE-M	*38.7*		*10 - 130*
d5-NEtPFOSA	*72.0*		*10 - 130*
d3-NMePFOSA	*75.4*		*10 - 130*
13C2 PFDoA	*89.9*		*10 - 130*

Lab Sample ID: LLCS 410-709680/20-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	6.94		ng/L		87	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.84		ng/L		96	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	4.63		ng/L		116	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.73		ng/L		93	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.89		ng/L		97	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.56		ng/L		89	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.77		ng/L		94	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.66		ng/L		92	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.38		ng/L		84	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.19		ng/L		80	65 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709680/20-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.47		ng/L		87	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	4.15		ng/L		117	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.01		ng/L		80	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.49		ng/L		96	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.39		ng/L		89	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.23		ng/L		87	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	2.79		ng/L		73	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	2.81		ng/L		73	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.67		ng/L		69	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.07		ng/L		81	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.91		ng/L		91	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.21		ng/L		81	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.93		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.69		ng/L		92	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.67		ng/L		92	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.00		ng/L		75	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	4.40		ng/L		110	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	18.7		ng/L		94	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	19.1		ng/L		95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.69		ng/L		90	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.29		ng/L		87	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.41		ng/L		85	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.14		ng/L		78	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.65		ng/L		91	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	3.08		ng/L		83	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.90		ng/L		77	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.04		ng/L		85	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-709680/20-A
Matrix: Water
Analysis Batch: 709341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709680

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			8.00	5.97		ng/L		75	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			20.0	19.5		ng/L		97	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			20.0	14.9		ng/L		74	50 - 145		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*104*		*5 - 130*
13C5 PFPeA	*102*		*40 - 130*
13C5 PFHxA	*95.7*		*40 - 130*
13C4 PFHpA	*102*		*40 - 130*
13C8 PFOA	*94.4*		*40 - 130*
13C9 PFNA	*99.0*		*40 - 130*
13C6 PFDA	*95.0*		*40 - 130*
13C7 PFUnA	*88.5*		*30 - 130*
13C2 PFTeDA	*78.0*		*10 - 130*
13C3 PFBS	*98.0*		*40 - 135*
13C3 PFHxS	*94.9*		*40 - 130*
13C8 PFOS	*96.7*		*40 - 130*
13C8 FOSA	*83.6*		*40 - 130*
d3-NMeFOSAA	*82.1*		*40 - 170*
d5-NEtFOSAA	*77.9*		*25 - 135*
13C2 4:2 FTS	*105*		*40 - 200*
13C2 6:2 FTS	*95.5*		*40 - 200*
13C2 8:2 FTS	*84.2*		*40 - 300*
13C3 HFPO-DA	*102*		*40 - 130*
d7-N-MeFOSE-M	*43.4*		*10 - 130*
d9-N-EtFOSE-M	*32.5*		*10 - 130*
d5-NEtPFOSA	*72.8*		*10 - 130*
d3-NMePFOSA	*78.8*		*10 - 130*
13C2 PFDoA	*88.8*		*10 - 130*

Lab Sample ID: 480-233066-1 MS
Matrix: Ground Water
Analysis Batch: 709915

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)	4.7		61.9	64.2		ng/L		96	70 - 140		
Perfluoropentanoic acid (PFPeA)	1.6		31.0	30.2		ng/L		93	65 - 135		
Perfluorohexanoic acid (PFHxA)	ND		31.0	30.4	B	ng/L		98	70 - 145		
Perfluoroheptanoic acid (PFHpA)	ND		31.0	30.6		ng/L		99	70 - 150		
Perfluorooctanoic acid (PFOA)	2.0		31.0	30.4		ng/L		92	70 - 150		
Perfluorononanoic acid (PFNA)	ND		31.0	29.9		ng/L		96	70 - 150		
Perfluorodecanoic acid (PFDA)	ND		31.0	28.7		ng/L		93	70 - 140		
Perfluoroundecanoic acid (PFUnA)	ND		31.0	29.3		ng/L		95	70 - 145		
Perfluorododecanoic acid (PFDoA)	ND		31.0	29.0		ng/L		94	70 - 140		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-233066-1 MS
Matrix: Ground Water
Analysis Batch: 709915

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	ND		31.0	30.0		ng/L		97	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	ND		31.0	27.8		ng/L		90	60 - 140
Perfluorobutanesulfonic acid (PFBS)	0.79	J	27.5	26.6		ng/L		94	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		29.1	31.6		ng/L		109	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	0.72	J	28.2	32.4		ng/L		112	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	ND		29.5	28.2		ng/L		95	70 - 150
Perfluorooctanesulfonic acid (PFOS)	ND		28.8	26.5		ng/L		92	55 - 150
Perfluorononanesulfonic acid (PFNS)	ND		29.8	27.3		ng/L		92	65 - 145
Perfluorodecanesulfonic acid (PFDS)	ND		29.8	28.6		ng/L		96	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	ND		30.0	24.7		ng/L		82	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		58.1	55.0		ng/L		95	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		58.9	59.2		ng/L		100	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		59.4	58.6		ng/L		99	60 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		31.0	30.2		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		31.0	29.8		ng/L		96	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		31.0	29.2		ng/L		94	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		31.0	29.8		ng/L		96	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		31.0	30.4		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		155	156		ng/L		101	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		155	167		ng/L		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		23.2	22.4		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		29.3	30.1		ng/L		103	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		31.0	26.9		ng/L		87	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		31.0	27.8		ng/L		90	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		31.0	25.5		ng/L		82	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		28.9	28.3		ng/L		98	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		29.2	27.7		ng/L		95	55 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-233066-1 MS
Matrix: Ground Water
Analysis Batch: 709915

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		27.6	23.7		ng/L		86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		61.9	53.3		ng/L		86	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		155	147		ng/L		95	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		155	123		ng/L		79	50 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*99.7*		*5 - 130*
13C5 PFPeA	*98.6*		*40 - 130*
13C5 PFHxA	*94.1*		*40 - 130*
13C4 PFHpA	*87.0*		*40 - 130*
13C8 PFOA	*92.2*		*40 - 130*
13C9 PFNA	*103*		*40 - 130*
13C6 PFDA	*93.2*		*40 - 130*
13C7 PFUnA	*89.3*		*30 - 130*
13C2 PFTeDA	*73.9*		*10 - 130*
13C3 PFBS	*104*		*40 - 135*
13C3 PFHxS	*93.3*		*40 - 130*
13C8 PFOS	*98.5*		*40 - 130*
13C8 FOSA	*95.1*		*40 - 130*
d3-NMeFOSAA	*104*		*40 - 170*
d5-NEtFOSAA	*90.7*		*25 - 135*
13C2 4:2 FTS	*156*		*40 - 200*
13C2 6:2 FTS	*98.4*		*40 - 200*
13C2 8:2 FTS	*113*		*40 - 300*
13C3 HFPO-DA	*88.4*		*40 - 130*
d7-N-MeFOSE-M	*82.4*		*10 - 130*
d9-N-EtFOSE-M	*67.0*		*10 - 130*
d5-NEtPFOSA	*86.2*		*10 - 130*
d3-NMePFOSA	*88.4*		*10 - 130*
13C2 PFDoA	*94.4*		*10 - 130*

Lab Sample ID: 480-233066-1 MSD
Matrix: Ground Water
Analysis Batch: 709915

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	4.7		60.9	61.2		ng/L		93	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)	1.6		30.4	31.0		ng/L		97	65 - 135	2	30
Perfluorohexanoic acid (PFHxA)	ND		30.4	30.1	B	ng/L		99	70 - 145	1	30
Perfluoroheptanoic acid (PFHpA)	ND		30.4	30.5		ng/L		100	70 - 150	0	30
Perfluorooctanoic acid (PFOA)	2.0		30.4	29.5		ng/L		91	70 - 150	3	30
Perfluorononanoic acid (PFNA)	ND		30.4	28.3		ng/L		93	70 - 150	5	30
Perfluorodecanoic acid (PFDA)	ND		30.4	29.9		ng/L		98	70 - 140	4	30
Perfluoroundecanoic acid (PFUnA)	ND		30.4	29.3		ng/L		96	70 - 145	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-233066-1 MSD
Matrix: Ground Water
Analysis Batch: 709915

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorododecanoic acid (PFDoA)	ND		30.4	30.3		ng/L		100	70 - 140	4	30
Perfluorotridecanoic acid (PFTrDA)	ND		30.4	29.0		ng/L		95	65 - 140	3	30
Perfluorotetradecanoic acid (PFTeDA)	ND		30.4	31.7		ng/L		104	60 - 140	13	30
Perfluorobutanesulfonic acid (PFBS)	0.79	J	27.0	26.5		ng/L		95	60 - 145	0	30
Perfluoropentanesulfonic acid (PFPeS)	ND		28.6	30.9		ng/L		108	65 - 140	2	30
Perfluorohexanesulfonic acid (PFHxS)	0.72	J	27.8	31.6		ng/L		111	65 - 145	3	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		29.0	27.7		ng/L		95	70 - 150	2	30
Perfluorooctanesulfonic acid (PFOS)	ND		28.3	26.4		ng/L		93	55 - 150	0	30
Perfluorononanesulfonic acid (PFNS)	ND		29.3	26.7		ng/L		91	65 - 145	2	30
Perfluorodecanesulfonic acid (PFDS)	ND		29.3	26.9		ng/L		92	60 - 145	6	30
Perfluorododecanesulfonic acid (PFDoS)	ND		29.5	22.8		ng/L		77	50 - 145	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		57.1	55.7		ng/L		97	70 - 145	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		57.9	65.3		ng/L		113	65 - 155	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		58.4	55.5		ng/L		95	60 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	ND		30.4	29.9		ng/L		98	70 - 145	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		30.4	28.2		ng/L		93	60 - 150	5	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		30.4	29.4		ng/L		97	65 - 145	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		30.4	30.1		ng/L		99	50 - 140	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		30.4	28.7		ng/L		94	70 - 145	6	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		152	154		ng/L		101	70 - 145	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		152	160		ng/L		105	70 - 135	4	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		22.8	21.2		ng/L		93	70 - 140	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		28.8	28.8		ng/L		100	65 - 145	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		30.4	26.0		ng/L		86	55 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		30.4	27.6		ng/L		91	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		30.4	25.4		ng/L		83	50 - 150	1	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		28.4	28.4		ng/L		100	70 - 155	0	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-233066-1 MSD
Matrix: Ground Water
Analysis Batch: 709915

Client Sample ID: Area A/D Effluent
Prep Type: Total/NA
Prep Batch: 709680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		28.7	26.6		ng/L		92	55 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		27.1	23.7		ng/L		87	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		60.9	51.2		ng/L		84	65 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		152	142		ng/L		93	70 - 135	4	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		152	116		ng/L		76	50 - 145	6	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*101*		*5 - 130*
13C5 PFPeA	*100*		*40 - 130*
13C5 PFHxA	*97.0*		*40 - 130*
13C4 PFHpA	*90.0*		*40 - 130*
13C8 PFOA	*97.0*		*40 - 130*
13C9 PFNA	*95.9*		*40 - 130*
13C6 PFDA	*93.6*		*40 - 130*
13C7 PFUnA	*92.6*		*30 - 130*
13C2 PFTeDA	*71.3*		*10 - 130*
13C3 PFBS	*108*		*40 - 135*
13C3 PFHxS	*95.0*		*40 - 130*
13C8 PFOS	*94.4*		*40 - 130*
13C8 FOSA	*91.2*		*40 - 130*
d3-NMeFOSAA	*97.5*		*40 - 170*
d5-NEtFOSAA	*91.6*		*25 - 135*
13C2 4:2 FTS	*160*		*40 - 200*
13C2 6:2 FTS	*92.6*		*40 - 200*
13C2 8:2 FTS	*109*		*40 - 300*
13C3 HFPO-DA	*90.8*		*40 - 130*
d7-N-MeFOSE-M	*77.1*		*10 - 130*
d9-N-EtFOSE-M	*72.2*		*10 - 130*
d5-NEtPFOSA	*80.3*		*10 - 130*
d3-NMePFOSA	*84.3*		*10 - 130*
13C2 PFDoA	*91.6*		*10 - 130*

Lab Sample ID: MB 410-711582/1-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711582/1-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		10/09/25 14:27	10/09/25 22:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		10/09/25 14:27	10/09/25 22:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		10/09/25 14:27	10/09/25 22:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	2.5	ng/L		10/09/25 14:27	10/09/25 22:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		10/09/25 14:27	10/09/25 22:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		10/09/25 14:27	10/09/25 22:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		10/09/25 14:27	10/09/25 22:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		10/09/25 14:27	10/09/25 22:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		10/09/25 14:27	10/09/25 22:03	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-711582/1-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 711582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		10/09/25 14:27	10/09/25 22:03	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.1*		*5 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C5 PFPeA	*83.3*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C5 PFHxA	*80.0*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C4 PFHpA	*80.7*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C8 PFOA	*77.6*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C9 PFNA	*77.5*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C6 PFDA	*75.8*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C7 PFUnA	*74.1*		*30 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C2 PFTeDA	*65.3*		*10 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C3 PFBS	*87.1*		*40 - 135*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C3 PFHxS	*77.3*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C8 PFOS	*82.6*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C8 FOSA	*82.8*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
d3-NMeFOSAA	*67.0*		*40 - 170*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
d5-NEtFOSAA	*71.0*		*25 - 135*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C2 4:2 FTS	*99.2*		*40 - 200*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C2 6:2 FTS	*91.9*		*40 - 200*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C2 8:2 FTS	*106*		*40 - 300*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C3 HFPO-DA	*73.4*		*40 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
d7-N-MeFOSE-M	*68.5*		*10 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
d9-N-EtFOSE-M	*60.5*		*10 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
d5-NEtPFOSA	*63.3*		*10 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
d3-NMePFOSA	*68.2*		*10 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*
13C2 PFDoA	*74.7*		*10 - 130*	*10/09/25 14:27*	*10/09/25 22:03*	*1*

Lab Sample ID: LCS 410-711582/2-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	78.1		ng/L		98	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	34.8		ng/L		87	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	37.2		ng/L		93	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	37.6		ng/L		94	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	36.7		ng/L		92	70 - 150
Perfluorononanoic acid (PFNA)	40.0	37.3		ng/L		93	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.2		ng/L		91	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	37.0		ng/L		93	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	36.2		ng/L		91	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	37.6		ng/L		94	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.0		ng/L		87	60 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711582/2-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanesulfonic acid (PFBS)	35.5	38.7		ng/L		109	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	38.9		ng/L		103	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	40.9		ng/L		112	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	33.9		ng/L		89	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	33.1		ng/L		89	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	37.3		ng/L		97	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	35.3		ng/L		92	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	26.2		ng/L		68	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	68.1		ng/L		91	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	78.0		ng/L		102	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	76.8		ng/L		100	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	39.8		ng/L		99	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	37.9		ng/L		95	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	37.6		ng/L		94	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	41.8		ng/L		104	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	37.1		ng/L		93	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	207		ng/L		104	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	214		ng/L		107	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	28.7		ng/L		96	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	41.0		ng/L		108	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	34.8		ng/L		87	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	35.9		ng/L		90	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	33.0		ng/L		82	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	34.7		ng/L		93	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	33.5		ng/L		89	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	33.1		ng/L		93	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	66.6		ng/L		83	65 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-711582/2-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711582

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	162		ng/L		81	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	151		ng/L		75	50 - 145		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*98.6*		*5 - 130*
13C5 PFPeA	*92.9*		*40 - 130*
13C5 PFHxA	*92.7*		*40 - 130*
13C4 PFHpA	*84.6*		*40 - 130*
13C8 PFOA	*90.3*		*40 - 130*
13C9 PFNA	*93.8*		*40 - 130*
13C6 PFDA	*87.3*		*40 - 130*
13C7 PFUnA	*87.7*		*30 - 130*
13C2 PFTeDA	*74.8*		*10 - 130*
13C3 PFBS	*101*		*40 - 135*
13C3 PFHxS	*90.7*		*40 - 130*
13C8 PFOS	*97.5*		*40 - 130*
13C8 FOSA	*97.5*		*40 - 130*
d3-NMeFOSAA	*84.5*		*40 - 170*
d5-NEtFOSAA	*86.5*		*25 - 135*
13C2 4:2 FTS	*112*		*40 - 200*
13C2 6:2 FTS	*93.8*		*40 - 200*
13C2 8:2 FTS	*113*		*40 - 300*
13C3 HFPO-DA	*83.5*		*40 - 130*
d7-N-MeFOSE-M	*70.1*		*10 - 130*
d9-N-EtFOSE-M	*60.5*		*10 - 130*
d5-NEtPFOSA	*81.5*		*10 - 130*
d3-NMePFOSA	*85.1*		*10 - 130*
13C2 PFDoA	*88.6*		*10 - 130*

Lab Sample ID: LCSD 410-711582/3-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711582

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			80.0	78.7		ng/L		98	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)			40.0	37.3		ng/L		93	65 - 135	7	30
Perfluorohexanoic acid (PFHxA)			40.0	37.7		ng/L		94	70 - 145	1	30
Perfluoroheptanoic acid (PFHpA)			40.0	38.7		ng/L		97	70 - 150	3	30
Perfluorooctanoic acid (PFOA)			40.0	36.4		ng/L		91	70 - 150	1	30
Perfluorononanoic acid (PFNA)			40.0	39.1		ng/L		98	70 - 150	5	30
Perfluorodecanoic acid (PFDA)			40.0	35.6		ng/L		89	70 - 140	2	30
Perfluoroundecanoic acid (PFUnA)			40.0	35.3		ng/L		88	70 - 145	5	30
Perfluorododecanoic acid (PFDoA)			40.0	37.7		ng/L		94	70 - 140	4	30
Perfluorotridecanoic acid (PFTrDA)			40.0	38.6		ng/L		97	65 - 140	3	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711582/3-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorotetradecanoic acid (PFTeDA)	40.0	32.4		ng/L		81	60 - 140	8	30
Perfluorobutanesulfonic acid (PFBS)	35.5	38.5		ng/L		108	60 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	37.6	41.3		ng/L		110	65 - 140	6	30
Perfluorohexanesulfonic acid (PFHxS)	36.5	41.6		ng/L		114	65 - 145	2	30
Perfluoroheptanesulfonic acid (PFHpS)	38.2	33.0		ng/L		86	70 - 150	3	30
Perfluorooctanesulfonic acid (PFOS)	37.2	32.5		ng/L		87	55 - 150	2	30
Perfluorononanesulfonic acid (PFNS)	38.5	36.2		ng/L		94	65 - 145	3	30
Perfluorodecanesulfonic acid (PFDS)	38.6	36.0		ng/L		93	60 - 145	2	30
Perfluorododecanesulfonic acid (PFDoS)	38.8	27.0		ng/L		70	50 - 145	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	75.8		ng/L		101	70 - 145	11	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	84.2		ng/L		111	65 - 155	8	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	75.9		ng/L		99	60 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	40.0	39.6		ng/L		99	70 - 145	0	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	39.3		ng/L		98	60 - 150	4	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	39.7		ng/L		99	65 - 145	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	45.3		ng/L		113	50 - 140	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	39.1		ng/L		98	70 - 145	5	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	205		ng/L		102	70 - 145	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	211		ng/L		105	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	27.7		ng/L		92	70 - 140	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	40.1		ng/L		106	65 - 145	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	34.0		ng/L		85	55 - 140	2	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	35.8		ng/L		90	60 - 150	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	31.9		ng/L		80	50 - 150	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	35.1		ng/L		94	70 - 155	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	31.9		ng/L		84	55 - 160	5	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	35.8		ng/L		100	70 - 140	8	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-711582/3-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 711582

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	63.4		ng/L		79	65 - 130	5	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	166		ng/L		83	70 - 135	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	147		ng/L		73	50 - 145	3	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*98.9*		*5 - 130*
13C5 PFPeA	*101*		*40 - 130*
13C5 PFHxA	*99.1*		*40 - 130*
13C4 PFHpA	*92.0*		*40 - 130*
13C8 PFOA	*94.0*		*40 - 130*
13C9 PFNA	*90.5*		*40 - 130*
13C6 PFDA	*94.1*		*40 - 130*
13C7 PFUnA	*95.9*		*30 - 130*
13C2 PFTeDA	*77.3*		*10 - 130*
13C3 PFBS	*107*		*40 - 135*
13C3 PFHxS	*93.8*		*40 - 130*
13C8 PFOS	*95.6*		*40 - 130*
13C8 FOSA	*92.0*		*40 - 130*
d3-NMeFOSAA	*75.7*		*40 - 170*
d5-NEtFOSAA	*74.7*		*25 - 135*
13C2 4:2 FTS	*114*		*40 - 200*
13C2 6:2 FTS	*95.4*		*40 - 200*
13C2 8:2 FTS	*120*		*40 - 300*
13C3 HFPO-DA	*91.3*		*40 - 130*
d7-N-MeFOSE-M	*72.1*		*10 - 130*
d9-N-EtFOSE-M	*61.5*		*10 - 130*
d5-NEtPFOSA	*76.1*		*10 - 130*
d3-NMePFOSA	*76.0*		*10 - 130*
13C2 PFDoA	*92.9*		*10 - 130*

Lab Sample ID: LLCS 410-711582/4-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711582

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)			8.00	6.78		ng/L		85	70 - 140
Perfluoropentanoic acid (PFPeA)			4.00	3.04		ng/L		76	65 - 135
Perfluorohexanoic acid (PFHxA)			4.00	3.24		ng/L		81	70 - 145
Perfluoroheptanoic acid (PFHpA)			4.00	3.73		ng/L		93	70 - 150
Perfluorooctanoic acid (PFOA)			4.00	3.74		ng/L		94	70 - 150
Perfluorononanoic acid (PFNA)			4.00	3.89		ng/L		97	70 - 150
Perfluorodecanoic acid (PFDA)			4.00	3.19		ng/L		80	70 - 140
Perfluoroundecanoic acid (PFUnA)			4.00	3.40		ng/L		85	70 - 145
Perfluorododecanoic acid (PFDoA)			4.00	3.25		ng/L		81	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711582/4-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711582

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	4.00	3.27		ng/L		82	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.27		ng/L		82	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.53		ng/L		99	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.39		ng/L		90	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.86		ng/L		106	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.21		ng/L		84	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.25		ng/L		87	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.30		ng/L		86	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.26		ng/L		84	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.18		ng/L		56	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.60		ng/L		88	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.53		ng/L		86	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.57		ng/L		86	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.81		ng/L		95	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.32		ng/L		83	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.61		ng/L		90	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.29		ng/L		82	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	2.92		ng/L		73	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	25.0		ng/L		125	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	23.0		ng/L		115	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.02		ng/L		101	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.97		ng/L		105	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	2.99		ng/L		75	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.32		ng/L		83	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	2.71		ng/L		68	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	3.59		ng/L		96	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	3.31		ng/L		88	55 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-711582/4-A
Matrix: Water
Analysis Batch: 711345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 711582

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	2.98		ng/L		84	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	5.49		ng/L		69	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	14.7		ng/L		74	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	12.5		ng/L		63	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*93.3*		*5 - 130*
13C5 PFPeA	*96.5*		*40 - 130*
13C5 PFHxA	*99.4*		*40 - 130*
13C4 PFHpA	*88.5*		*40 - 130*
13C8 PFOA	*87.2*		*40 - 130*
13C9 PFNA	*93.2*		*40 - 130*
13C6 PFDA	*89.6*		*40 - 130*
13C7 PFUnA	*88.0*		*30 - 130*
13C2 PFTeDA	*77.1*		*10 - 130*
13C3 PFBS	*95.6*		*40 - 135*
13C3 PFHxS	*88.9*		*40 - 130*
13C8 PFOS	*95.2*		*40 - 130*
13C8 FOSA	*89.7*		*40 - 130*
d3-NMeFOSAA	*76.8*		*40 - 170*
d5-NEtFOSAA	*79.4*		*25 - 135*
13C2 4:2 FTS	*103*		*40 - 200*
13C2 6:2 FTS	*93.0*		*40 - 200*
13C2 8:2 FTS	*113*		*40 - 300*
13C3 HFPO-DA	*84.2*		*40 - 130*
d7-N-MeFOSE-M	*62.6*		*10 - 130*
d9-N-EtFOSE-M	*56.9*		*10 - 130*
d5-NEtPFOSA	*76.3*		*10 - 130*
d3-NMePFOSA	*76.9*		*10 - 130*
13C2 PFDoA	*90.9*		*10 - 130*

Lab Sample ID: MB 410-713000/9-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-713000/9-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		10/13/25 09:35	10/13/25 18:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		10/13/25 09:35	10/13/25 18:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		10/13/25 09:35	10/13/25 18:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.687	J	2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.58	J	10	2.5	ng/L		10/13/25 09:35	10/13/25 18:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		10/13/25 09:35	10/13/25 18:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		10/13/25 09:35	10/13/25 18:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		10/13/25 09:35	10/13/25 18:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		10/13/25 09:35	10/13/25 18:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		10/13/25 09:35	10/13/25 18:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		10/13/25 09:35	10/13/25 18:54	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	103		5 - 130	10/13/25 09:35	10/13/25 18:54	1
13C5 PFPeA	94.3		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C5 PFHxA	98.8		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C4 PFHpA	102		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C8 PFOA	95.6		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C9 PFNA	92.5		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C6 PFDA	97.0		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C7 PFUnA	93.9		30 - 130	10/13/25 09:35	10/13/25 18:54	1
13C2 PFTeDA	75.8		10 - 130	10/13/25 09:35	10/13/25 18:54	1
13C3 PFBS	104		40 - 135	10/13/25 09:35	10/13/25 18:54	1
13C3 PFHxS	97.3		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C8 PFOS	94.6		40 - 130	10/13/25 09:35	10/13/25 18:54	1
13C8 FOSA	86.8		40 - 130	10/13/25 09:35	10/13/25 18:54	1
d3-NMeFOSAA	82.3		40 - 170	10/13/25 09:35	10/13/25 18:54	1
d5-NEtFOSAA	82.9		25 - 135	10/13/25 09:35	10/13/25 18:54	1
13C2 4:2 FTS	101		40 - 200	10/13/25 09:35	10/13/25 18:54	1
13C2 6:2 FTS	107		40 - 200	10/13/25 09:35	10/13/25 18:54	1
13C2 8:2 FTS	92.9		40 - 300	10/13/25 09:35	10/13/25 18:54	1
13C3 HFPO-DA	93.2		40 - 130	10/13/25 09:35	10/13/25 18:54	1
d7-N-MeFOSE-M	73.0		10 - 130	10/13/25 09:35	10/13/25 18:54	1
d9-N-EtFOSE-M	64.0		10 - 130	10/13/25 09:35	10/13/25 18:54	1
d5-NEtPFOSA	73.5		10 - 130	10/13/25 09:35	10/13/25 18:54	1
d3-NMePFOSA	76.4		10 - 130	10/13/25 09:35	10/13/25 18:54	1
13C2 PFDoA	88.0		10 - 130	10/13/25 09:35	10/13/25 18:54	1

Lab Sample ID: LCS 410-713000/10-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	72.9		ng/L		91	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	37.7		ng/L		94	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	36.3		ng/L		91	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	37.3		ng/L		93	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	35.2		ng/L		88	70 - 150
Perfluorononanoic acid (PFNA)	40.0	36.5		ng/L		91	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	38.0		ng/L		95	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	43.4		ng/L		109	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	40.0		ng/L		100	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	36.6		ng/L		91	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.9		ng/L		90	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	34.3		ng/L		97	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	37.6		ng/L		100	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	32.0		ng/L		88	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	37.7		ng/L		99	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-713000/10-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	37.2	33.5		ng/L		90	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	34.0		ng/L		88	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	32.8		ng/L		85	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	29.2		ng/L		75	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	74.2		ng/L		99	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	76.5		ng/L		100	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	71.7		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	38.2		ng/L		95	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	38.9		ng/L		97	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	39.9		ng/L		100	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	39.2		ng/L		98	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	40.1		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	189		ng/L		94	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	193		ng/L		97	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	30.3		ng/L		101	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	35.4		ng/L		94	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	38.9		ng/L		97	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	38.0		ng/L		95	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	42.8		ng/L		107	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	33.8		ng/L		90	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	31.0		ng/L		82	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	33.7		ng/L		95	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	65.9		ng/L		82	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	161		ng/L		80	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	143		ng/L		72	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*114*		*5 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-713000/10-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713000

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C5 PFPeA	*106*		*40 - 130*
13C5 PFHxA	*108*		*40 - 130*
13C4 PFHpA	*112*		*40 - 130*
13C8 PFOA	*109*		*40 - 130*
13C9 PFNA	*106*		*40 - 130*
13C6 PFDA	*103*		*40 - 130*
13C7 PFUnA	*99.5*		*30 - 130*
13C2 PFTeDA	*98.7*		*10 - 130*
13C3 PFBS	*110*		*40 - 135*
13C3 PFHxS	*105*		*40 - 130*
13C8 PFOS	*105*		*40 - 130*
13C8 FOSA	*91.3*		*40 - 130*
d3-NMeFOSAA	*85.5*		*40 - 170*
d5-NEtFOSAA	*91.7*		*25 - 135*
13C2 4:2 FTS	*107*		*40 - 200*
13C2 6:2 FTS	*110*		*40 - 200*
13C2 8:2 FTS	*97.0*		*40 - 300*
13C3 HFPO-DA	*105*		*40 - 130*
d7-N-MeFOSE-M	*78.2*		*10 - 130*
d9-N-EtFOSE-M	*69.5*		*10 - 130*
d5-NEtPFOSA	*72.5*		*10 - 130*
d3-NMePFOSA	*78.3*		*10 - 130*
13C2 PFDoA	*93.1*		*10 - 130*

Lab Sample ID: LLCS 410-713000/11-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713000

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	6.78		ng/L		85	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	3.60		ng/L		90	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	3.37		ng/L		84	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.55		ng/L		89	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.74		ng/L		94	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.74		ng/L		93	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.28		ng/L		82	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.93		ng/L		98	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.17		ng/L		79	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.61		ng/L		90	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.62		ng/L		91	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.16		ng/L		89	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.40		ng/L		91	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.16		ng/L		87	65 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-713000/11-A
Matrix: Water
Analysis Batch: 713247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713000

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.49		ng/L		91	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.37		ng/L		91	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	2.90		ng/L		75	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	2.78		ng/L		72	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.13		ng/L		55	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.20		ng/L		96	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.52		ng/L		86	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.91		ng/L		90	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.78		ng/L		94	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.71		ng/L		93	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.54		ng/L		88	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	2.84		ng/L		71	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.78		ng/L		94	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	21.0		ng/L		105	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	20.1		ng/L		101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.89		ng/L		96	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.46		ng/L		91	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.52		ng/L		88	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.25		ng/L		81	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	4.21		ng/L		105	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	3.26		ng/L		87	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.91		ng/L		77	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	2.96		ng/L		83	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	5.56		ng/L		70	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	16.1		ng/L		80	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	14.3		ng/L		72	50 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	105		5 - 130
13C5 PFPeA	102		40 - 130
13C5 PFHxA	105		40 - 130
13C4 PFHpA	108		40 - 130
13C8 PFOA	100		40 - 130
13C9 PFNA	97.6		40 - 130
13C6 PFDA	101		40 - 130
13C7 PFUnA	93.3		30 - 130
13C2 PFTeDA	73.6		10 - 130
13C3 PFBS	102		40 - 135
13C3 PFHxS	97.8		40 - 130
13C8 PFOS	98.8		40 - 130
13C8 FOSA	84.8		40 - 130
d3-NMeFOSAA	79.6		40 - 170
d5-NEtFOSAA	86.1		25 - 135
13C2 4:2 FTS	94.7		40 - 200
13C2 6:2 FTS	106		40 - 200
13C2 8:2 FTS	91.5		40 - 300
13C3 HFPO-DA	102		40 - 130
d7-N-MeFOSE-M	61.3		10 - 130
d9-N-EtFOSE-M	55.6		10 - 130
d5-NEtPFOSA	62.2		10 - 130
d3-NMePFOSA	64.5		10 - 130
13C2 PFDoA	83.4		10 - 130

GC/MS Semi VOA

Prep Batch: 758400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-1	Area A/D Effluent	Total/NA	Ground Water	3510C	
480-233066-2	Area A/D Effluent D	Total/NA	Ground Water	3510C	
480-233066-3	Field Blank	Total/NA	Water	3510C	
MB 480-758400/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-758400/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-233066-1 MS	Area A/D Effluent	Total/NA	Ground Water	3510C	
480-233066-1 MSD	Area A/D Effluent	Total/NA	Ground Water	3510C	

Analysis Batch: 758488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-1	Area A/D Effluent	Total/NA	Ground Water	8270D SIM ID	758400
480-233066-2	Area A/D Effluent D	Total/NA	Ground Water	8270D SIM ID	758400
480-233066-3	Field Blank	Total/NA	Water	8270D SIM ID	758400
MB 480-758400/1-A	Method Blank	Total/NA	Water	8270D SIM ID	758400
LCS 480-758400/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	758400
480-233066-1 MS	Area A/D Effluent	Total/NA	Ground Water	8270D SIM ID	758400
480-233066-1 MSD	Area A/D Effluent	Total/NA	Ground Water	8270D SIM ID	758400

LCMS

Analysis Batch: 709341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-709680/18-A	Method Blank	Total/NA	Water	1633A	709680
LCS 410-709680/19-A	Lab Control Sample	Total/NA	Water	1633A	709680
LLCS 410-709680/20-A	Lab Control Sample	Total/NA	Water	1633A	709680

Prep Batch: 709680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-1	Area A/D Effluent	Total/NA	Ground Water	1633A	
480-233066-2	Area A/D Effluent D	Total/NA	Ground Water	1633A	
MB 410-709680/18-A	Method Blank	Total/NA	Water	1633A	
LCS 410-709680/19-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-709680/20-A	Lab Control Sample	Total/NA	Water	1633A	
480-233066-1 MS	Area A/D Effluent	Total/NA	Ground Water	1633A	
480-233066-1 MSD	Area A/D Effluent	Total/NA	Ground Water	1633A	

Analysis Batch: 709915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-2	Area A/D Effluent D	Total/NA	Ground Water	1633A	709680
480-233066-1 MS	Area A/D Effluent	Total/NA	Ground Water	1633A	709680
480-233066-1 MSD	Area A/D Effluent	Total/NA	Ground Water	1633A	709680

Analysis Batch: 710187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-1	Area A/D Effluent	Total/NA	Ground Water	1633A	709680

Analysis Batch: 711345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-2 - RE	Area A/D Effluent D	Total/NA	Ground Water	1633A	711582
MB 410-711582/1-A	Method Blank	Total/NA	Water	1633A	711582
LCS 410-711582/2-A	Lab Control Sample	Total/NA	Water	1633A	711582

LCMS (Continued)

Analysis Batch: 711345 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-711582/3-A	Lab Control Sample Dup	Total/NA	Water	1633A	711582
LLCS 410-711582/4-A	Lab Control Sample	Total/NA	Water	1633A	711582

Prep Batch: 711582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-2 - RE	Area A/D Effluent D	Total/NA	Ground Water	1633A	
MB 410-711582/1-A	Method Blank	Total/NA	Water	1633A	
LCS 410-711582/2-A	Lab Control Sample	Total/NA	Water	1633A	
LCSD 410-711582/3-A	Lab Control Sample Dup	Total/NA	Water	1633A	
LLCS 410-711582/4-A	Lab Control Sample	Total/NA	Water	1633A	

Prep Batch: 713000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-3	Field Blank	Total/NA	Water	1633A	
MB 410-713000/9-A	Method Blank	Total/NA	Water	1633A	
LCS 410-713000/10-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-713000/11-A	Lab Control Sample	Total/NA	Water	1633A	

Analysis Batch: 713247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233066-3	Field Blank	Total/NA	Water	1633A	713000
MB 410-713000/9-A	Method Blank	Total/NA	Water	1633A	713000
LCS 410-713000/10-A	Lab Control Sample	Total/NA	Water	1633A	713000
LLCS 410-713000/11-A	Lab Control Sample	Total/NA	Water	1633A	713000

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Client Sample ID: Area A/D Effluent
Lab Sample ID: 480-233066-1
Date Collected: 09/29/25 13:10
Matrix: Ground Water
Date Received: 09/29/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			758400	LSC	EET BUF	09/30/25 13:26
Total/NA	Analysis	8270D SIM ID		1	758488	JMM	EET BUF	10/01/25 12:37
Total/NA	Prep	1633A			709680	W2FB	ELLE	10/06/25 13:48
Total/NA	Analysis	1633A		1	710187	LDU5	ELLE	10/07/25 20:26

Client Sample ID: Area A/D Effluent D
Lab Sample ID: 480-233066-2
Date Collected: 09/29/25 13:15
Matrix: Ground Water
Date Received: 09/29/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			758400	LSC	EET BUF	09/30/25 13:26
Total/NA	Analysis	8270D SIM ID		1	758488	JMM	EET BUF	10/01/25 17:29
Total/NA	Prep	1633A			709680	W2FB	ELLE	10/06/25 13:48
Total/NA	Analysis	1633A		1	709915	P7EB	ELLE	10/08/25 02:18
Total/NA	Prep	1633A	RE		711582	V3FW	ELLE	10/09/25 14:27
Total/NA	Analysis	1633A	RE	1	711345	P7EB	ELLE	10/10/25 00:05

Client Sample ID: Field Blank
Lab Sample ID: 480-233066-3
Date Collected: 09/29/25 13:15
Matrix: Water
Date Received: 09/29/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			758400	LSC	EET BUF	09/30/25 13:26
Total/NA	Analysis	8270D SIM ID		1	758488	JMM	EET BUF	10/01/25 17:50
Total/NA	Prep	1633A			713000	RC3V	ELLE	10/13/25 09:35
Total/NA	Analysis	1633A		1	713247	RPU6	ELLE	10/13/25 19:35

Laboratory References:

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	07-01-26
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-26
Oklahoma	NELAP	9804	12-31-25
Oregon	NELAP	PA200001	09-12-26
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-233066-1
Project/Site: Area A/D Effluent

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

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

Job ID: 480-233066-1

Method	Method Description	Protocol	Laboratory
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

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

Job ID: 480-233066-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-233066-1	Area A/D Effluent	Ground Water	09/29/25 13:10	09/29/25 14:00	New York
480-233066-2	Area A/D Effluent D	Ground Water	09/29/25 13:15	09/29/25 14:00	New York
480-233066-3	Field Blank	Water	09/29/25 13:15	09/29/25 14:00	New York

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

Chain of Custody Record

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Client Information	Sampler: K Colligan	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-206653-34770.1
Client Contact: Kirsten Colligan	Phone: 716-574-6936	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:			Job #:

Address: 140 Lee St.	Due Date Requested: std	
City: Buffalo	TAT Requested (days): std	
State, Zip: NY, 14210	Compliance Project: Δ Yes Δ No	
Phone: 716-856-3333	PO #: 67640	
Email: kcolligan@oscinc.com	WO #:	
Project Name: OSC- Former Buffalo Color Sites - 37745	Project #: 48003159	
Site: New York	SSOW#:	

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A - List of 40 based on EPA method	8270D_SIM_MS_ID - SIM List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Area A/D Effluent	09/29/25	1310	G	Water			X	X		
Area A/D Effluent MS	09/29/25	1312	G	Water			X	X		
Area A/D Effluent MSD	09/29/25	1313	G	Water			X	X		
Area A/D Effluent D	09/29/25	1314	G	Water			X	X		
Field Blank	09/29/25	1315	G	Water			X	X		

480-233066 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed ... nth)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	09/29/25 1400	OSC	[signature]	9/29/25 1400	ET
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 8.0 IR#SCIICE

Ver: 10/10/2024

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Schove, John R	Carrier Tracking No(s): N/A	COC No: 480-95138.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-233066-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/13/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Area A/D Effluent	Project #: 48003159			
Site: Honeywell- Buffalo Sites	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPELList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Area A/D Effluent (480-233066-1)	9/29/25	13:10 Eastern	G	Water			X	2	
Area A/D Effluent (480-233066-1MS)	9/29/25	13:10 Eastern	G	Water			X	2	
Area A/D Effluent (480-233066-1MSD)	9/29/25	13:10 Eastern	G	Water			X	2	
Area A/D Effluent D (480-233066-2)	9/29/25	13:15 Eastern	G	Water			X	2	
Field Blank (480-233066-3)	9/29/25	13:15 Eastern	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	VKD	9-30-25 1600				
2						
3					10/01/25 0950	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1-C1.6

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-233066-1

Login Number: 233066

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	8.0 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 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.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-233066-1

Login Number: 233066
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/01/25 02:18 PM

Question	Answer	Comment
The cooler's custody seal 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

ATTACHMENT E - DISCHARGE MONITORING REPORTS

Compliance Confirmation
Discharge Monitoring Report

BSA Permit No.	20-06-BU109	Effective June 1, 2020	Year: 2024	Event Group: SUMP
Sample Date:	12/13/2024		Month: DEC	Lab Job ID: J226305-1
Sample Location:	Onsite Pump Station to BSA			

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	3.9	2.0	mg/L	3.9	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	ND	0.010	mg/L	ND	lbs/day	1.67	lbs/day	Yes	20	ND	Yes
Total Chromium	7440-47-3	0.0032	0.0040	mg/L	0.0005	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	ND	0.0050	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	ND	0.010	mg/L	ND	lbs/day	1.17	lbs/day	Yes	14	ND	Yes
Zinc	7440-66-6	0.016	0.010	mg/L	0.003	lbs/day	2.046	lbs/day	Yes	25	0.016	Yes
Amendable Cyanide	CAN	0.066	0.010	mg/L	0.011	lbs/day	2.59	lbs/day	Yes	6.2	0.066	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	3.2	40	ug/L	0.0005	lbs/day	50	lbs/day	Yes	0.01	0.0032	Yes
Benzene	71-43-2	ND	5	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	ND	5	ug/L	ND	lbs/day	0.129	lbs/day	Yes	0.31	ND	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	3.2	25	ug/L	0.003	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	12	4.0	mg/L	12.0	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.24	0.010	mg/L	0.240	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	13.90	-	gpm	20,017	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	10,000	10/1/2024
Final Reading	1,831,580	12/31/2024
Total Days in Period	91	
Total Flow for Period	**1,821,580**	gallons
Average Flow for Period	**13.90**	gpm

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/23/2024 11:46:12 AM

JOB DESCRIPTION

Buffalo Color- Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-226305-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

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

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

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
b	Result Detected in the Unseeded Control blank (USB).
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

Job ID: 480-226305-1 Eurofins Buffalo

Job Narrative
480-226305-1

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 12/13/2024 2:25 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 12.3°C.

GC/MS VOA
Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 12/13/2024 as requested by the client: BCC BSA SUMP (480-226305-1).
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 480-735429.

Method 625.1_PREC: The continuing calibration verification (CCV) associated with batch 480-735470 recovered above the upper control limit for 4-Nitrophenol and Hexachlorobutadiene. 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 BSA SUMP (480-226305-1).

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 480-735589.

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 12/14/2024 at 1415. Second pH check 12/16/2024 at 0800.

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

General Chemistry
Method 5210B: Lab temperature was higher than average creating a warmer temperature environment. This resulted in the water temperature being higher than normal. BCC BSA SUMP (480-226305-1), (LCS 480-735302/2), (USB 480-735302/1), (480-226306-A-3) and (480-226306-A-3 DU)

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 (480-226305-1), (480-226275-E-4) and (480-226275-E-4 DU).

Eurofins Buffalo

Job ID: 480-226305-1 (Continued) Eurofins Buffalo

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.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-226305-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	3.2	J	40	1.5	ug/L	1		625.1	Total/NA
Chromium	0.0032	J	0.0040	0.0024	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.016		0.010	0.0068	mg/L	1		200.7 Rev 4.4	Total/NA
Total Suspended Solids	12.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.066		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	0.24		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	3.9	b	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-226305-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-226305-1
Date Collected: 12/13/24 12:00
Matrix: Water
Date Received: 12/13/24 14:25

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			12/14/24 00:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/14/24 00:16	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/14/24 00:16	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/14/24 00:16	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/14/24 00:16	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/14/24 00:16	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/14/24 00:16	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/14/24 00:16	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/14/24 00:16	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/14/24 00:16	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/14/24 00:16	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/14/24 00:16	1
Acrolein	ND		100	17	ug/L			12/14/24 00:16	1
Acrylonitrile	ND		50	1.9	ug/L			12/14/24 00:16	1
Benzene	ND		5.0	0.60	ug/L			12/14/24 00:16	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/14/24 00:16	1
Bromoform	ND		5.0	0.47	ug/L			12/14/24 00:16	1
Bromomethane	ND		5.0	1.2	ug/L			12/14/24 00:16	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/14/24 00:16	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/14/24 00:16	1
Chloroethane	ND		5.0	0.87	ug/L			12/14/24 00:16	1
Chloroform	ND		5.0	0.54	ug/L			12/14/24 00:16	1
Chloromethane	ND		5.0	0.64	ug/L			12/14/24 00:16	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/14/24 00:16	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/14/24 00:16	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/14/24 00:16	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/14/24 00:16	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/14/24 00:16	1
Toluene	ND		5.0	0.45	ug/L			12/14/24 00:16	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/14/24 00:16	1
Trichloroethene	ND		5.0	0.60	ug/L			12/14/24 00:16	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/14/24 00:16	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/14/24 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*68 - 130*		*12/14/24 00:16*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*12/14/24 00:16*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*12/14/24 00:16*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*12/14/24 00:16*	*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		12/16/24 14:25	12/17/24 21:36	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		12/16/24 14:25	12/17/24 21:36	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		12/16/24 14:25	12/17/24 21:36	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		12/16/24 14:25	12/17/24 21:36	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		12/16/24 14:25	12/17/24 21:36	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		12/16/24 14:25	12/17/24 21:36	1

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

Job ID: 480-226305-1

Client Sample ID: BCC BSA SUMP
Date Collected: 12/13/24 12:00
Date Received: 12/13/24 14:25

Lab Sample ID: 480-226305-1
Matrix: Water

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		12/16/24 14:25	12/17/24 21:36	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 21:36	1
2-Chloronaphthalene	ND		20	0.91	ug/L		12/16/24 14:25	12/17/24 21:36	1
2-Chlorophenol	ND		20	0.66	ug/L		12/16/24 14:25	12/17/24 21:36	1
2-Nitrophenol	ND		20	0.70	ug/L		12/16/24 14:25	12/17/24 21:36	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 21:36	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		12/16/24 14:25	12/17/24 21:36	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 21:36	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		12/16/24 14:25	12/17/24 21:36	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		12/16/24 14:25	12/17/24 21:36	1
4-Nitrophenol	ND		40	1.9	ug/L		12/16/24 14:25	12/17/24 21:36	1
Acenaphthene	ND		20	0.81	ug/L		12/16/24 14:25	12/17/24 21:36	1
Acenaphthylene	ND		20	0.87	ug/L		12/16/24 14:25	12/17/24 21:36	1
Aniline	**3.2**	**J**	40	1.5	ug/L		12/16/24 14:25	12/17/24 21:36	1
Anthracene	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 21:36	1
Benzidine	ND		320	54	ug/L		12/16/24 14:25	12/17/24 21:36	1
Benzo[a]anthracene	ND		20	1.1	ug/L		12/16/24 14:25	12/17/24 21:36	1
Benzo[a]pyrene	ND		20	1.3	ug/L		12/16/24 14:25	12/17/24 21:36	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		12/16/24 14:25	12/17/24 21:36	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		12/16/24 14:25	12/17/24 21:36	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		12/16/24 14:25	12/17/24 21:36	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		12/16/24 14:25	12/17/24 21:36	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		12/16/24 14:25	12/17/24 21:36	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		12/16/24 14:25	12/17/24 21:36	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		12/16/24 14:25	12/17/24 21:36	1
Chrysene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		12/16/24 14:25	12/17/24 21:36	1
Diethyl phthalate	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
Dimethyl phthalate	ND		20	0.91	ug/L		12/16/24 14:25	12/17/24 21:36	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 21:36	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		12/16/24 14:25	12/17/24 21:36	1
Fluoranthene	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 21:36	1
Fluorene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
Hexachlorobenzene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
Hexachlorobutadiene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		12/16/24 14:25	12/17/24 21:36	1
Hexachloroethane	ND		20	0.60	ug/L		12/16/24 14:25	12/17/24 21:36	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		12/16/24 14:25	12/17/24 21:36	1
Isophorone	ND		20	0.74	ug/L		12/16/24 14:25	12/17/24 21:36	1
Naphthalene	ND		20	0.86	ug/L		12/16/24 14:25	12/17/24 21:36	1
Decane	ND		40	1.6	ug/L		12/16/24 14:25	12/17/24 21:36	1
Nitrobenzene	ND		20	0.81	ug/L		12/16/24 14:25	12/17/24 21:36	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		12/16/24 14:25	12/17/24 21:36	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		12/16/24 14:25	12/17/24 21:36	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		12/16/24 14:25	12/17/24 21:36	1
n-Octadecane	ND		40	1.2	ug/L		12/16/24 14:25	12/17/24 21:36	1
Pentachlorophenol	ND		40	3.2	ug/L		12/16/24 14:25	12/17/24 21:36	1
Phenanthrene	ND		20	1.2	ug/L		12/16/24 14:25	12/17/24 21:36	1

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-226305-1

Date Collected: 12/13/24 12:00
Matrix: Water
Date Received: 12/13/24 14:25

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		12/16/24 14:25	12/17/24 21:36	1
Pyrene	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 21:36	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*112*		*52 - 151*	*12/16/24 14:25*	*12/17/24 21:36*	*1*
2-Fluorobiphenyl	*78*		*44 - 120*	*12/16/24 14:25*	*12/17/24 21:36*	*1*
2-Fluorophenol	*45*		*17 - 120*	*12/16/24 14:25*	*12/17/24 21:36*	*1*
Nitrobenzene-d5	*70*		*15 - 314*	*12/16/24 14:25*	*12/17/24 21:36*	*1*
Phenol-d5	*31*		*8 - 424*	*12/16/24 14:25*	*12/17/24 21:36*	*1*
p-Terphenyl-d14	*73*		*22 - 125*	*12/16/24 14:25*	*12/17/24 21:36*	*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		12/18/24 09:28	12/19/24 16:02	1
PCB-1221	ND		0.058	0.037	ug/L		12/18/24 09:28	12/19/24 16:02	1
PCB-1232	ND		0.058	0.037	ug/L		12/18/24 09:28	12/19/24 16:02	1
PCB-1242	ND		0.058	0.037	ug/L		12/18/24 09:28	12/19/24 16:02	1
PCB-1248	ND		0.058	0.037	ug/L		12/18/24 09:28	12/19/24 16:02	1
PCB-1254	ND		0.058	0.030	ug/L		12/18/24 09:28	12/19/24 16:02	1
PCB-1260	ND		0.058	0.030	ug/L		12/18/24 09:28	12/19/24 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*		*10 - 120*	*12/18/24 09:28*	*12/19/24 16:02*	*1*
Tetrachloro-m-xylene	*63*		*10 - 126*	*12/18/24 09:28*	*12/19/24 16:02*	*1*

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0032**	**J**	0.0040	0.0024	mg/L		12/16/24 08:29	12/16/24 15:13	1
Copper	ND		0.010	0.0045	mg/L		12/16/24 08:29	12/16/24 15:13	1
Lead	ND		0.010	0.0039	mg/L		12/16/24 08:29	12/16/24 15:13	1
Nickel	ND		0.010	0.0034	mg/L		12/16/24 08:29	12/16/24 15:13	1
Zinc	**0.016**		0.010	0.0068	mg/L		12/16/24 08:29	12/16/24 15:13	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		12/18/24 10:50	12/18/24 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	ND		0.010	0.0035	mg/L			12/17/24 20:30	1
Cyanide, Amenable (SM 4500 CN G)	**0.066**		0.010	0.0050	mg/L			12/19/24 00:09	1
Phosphorus (SM 4500 P E)	**0.24**		0.010	0.0050	mg/L as P			12/15/24 21:34	1
Biochemical Oxygen Demand (SM 5210B)	**3.9**	**b**	2.0	2.0	mg/L			12/14/24 10:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	**12.0**		4.0	4.0	mg/L			12/19/24 13:45	1
pH (SM 4500 H+ B)	**8.1**	**HF**	0.1	0.1	SU			12/17/24 17:30	1
Temperature (SM 4500 H+ B)	**19.0**	**HF**	0.001	0.001	Degrees C			12/17/24 17:30	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-226305-2
Date Collected: 12/13/24 12:00
Matrix: Water
Date Received: 12/13/24 14:25

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			12/13/24 21:52	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/13/24 21:52	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/13/24 21:52	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/13/24 21:52	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/13/24 21:52	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/13/24 21:52	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/13/24 21:52	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/13/24 21:52	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/13/24 21:52	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/13/24 21:52	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/13/24 21:52	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/13/24 21:52	1
Acrolein	ND		100	17	ug/L			12/13/24 21:52	1
Acrylonitrile	ND		100	1.9	ug/L			12/13/24 21:52	1
Benzene	ND		5.0	0.60	ug/L			12/13/24 21:52	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/13/24 21:52	1
Bromoform	ND		5.0	0.47	ug/L			12/13/24 21:52	1
Bromomethane	ND		5.0	1.2	ug/L			12/13/24 21:52	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/13/24 21:52	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/13/24 21:52	1
Chloroethane	ND		5.0	0.87	ug/L			12/13/24 21:52	1
Chloroform	ND		5.0	0.54	ug/L			12/13/24 21:52	1
Chloromethane	ND		5.0	0.64	ug/L			12/13/24 21:52	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/13/24 21:52	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/13/24 21:52	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/13/24 21:52	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/13/24 21:52	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/13/24 21:52	1
Toluene	ND		5.0	0.45	ug/L			12/13/24 21:52	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/13/24 21:52	1
Trichloroethene	ND		5.0	0.60	ug/L			12/13/24 21:52	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/13/24 21:52	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/13/24 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*68 - 130*		*12/13/24 21:52*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*12/13/24 21:52*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*12/13/24 21:52*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*12/13/24 21:52*	*1*

Surrogate Summary

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

Job ID: 480-226305-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-226305-1	BCC BSA SUMP	106	102	102	100
480-226305-2	TRIP BLANK	105	101	100	99
LCS 480-735253/6	Lab Control Sample	110	102	101	99
MB 480-735253/8	Method Blank	108	103	103	101

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)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(8-424)	(22-125)
480-226305-1	BCC BSA SUMP	112	78	45	70	31	73
LCS 480-735429/2-A	Lab Control Sample	116	84	53	82	39	94
LCSD 480-735429/3-A	Lab Control Sample Dup	121	90	53	84	42	91
MB 480-735429/1-A	Method Blank	83	82	50	71	33	92

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)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(10-120)	(10-126)
480-226305-1	BCC BSA SUMP	33	63
LCS 480-735589/2-A	Lab Control Sample	56	76
LCSD 480-735589/3-A	Lab Control Sample Dup	50	92
MB 480-735589/1-A	Method Blank	77	77

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-735253/8
Matrix: Water
Analysis Batch: 735253

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			12/13/24 15:04	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			12/13/24 15:04	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			12/13/24 15:04	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			12/13/24 15:04	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			12/13/24 15:04	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			12/13/24 15:04	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			12/13/24 15:04	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			12/13/24 15:04	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			12/13/24 15:04	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			12/13/24 15:04	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			12/13/24 15:04	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			12/13/24 15:04	1
Acrolein	ND		100	17	ug/L			12/13/24 15:04	1
Acrylonitrile	ND		50	1.9	ug/L			12/13/24 15:04	1
Benzene	ND		5.0	0.60	ug/L			12/13/24 15:04	1
Bromodichloromethane	ND		5.0	0.54	ug/L			12/13/24 15:04	1
Bromoform	ND		5.0	0.47	ug/L			12/13/24 15:04	1
Bromomethane	ND		5.0	1.2	ug/L			12/13/24 15:04	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			12/13/24 15:04	1
Chlorobenzene	ND		5.0	0.48	ug/L			12/13/24 15:04	1
Chloroethane	ND		5.0	0.87	ug/L			12/13/24 15:04	1
Chloroform	ND		5.0	0.54	ug/L			12/13/24 15:04	1
Chloromethane	ND		5.0	0.64	ug/L			12/13/24 15:04	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			12/13/24 15:04	1
Dibromochloromethane	ND		5.0	0.41	ug/L			12/13/24 15:04	1
Ethylbenzene	ND		5.0	0.46	ug/L			12/13/24 15:04	1
Methylene Chloride	ND		5.0	0.81	ug/L			12/13/24 15:04	1
Tetrachloroethene	ND		5.0	0.34	ug/L			12/13/24 15:04	1
Toluene	ND		5.0	0.45	ug/L			12/13/24 15:04	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			12/13/24 15:04	1
Trichloroethene	ND		5.0	0.60	ug/L			12/13/24 15:04	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			12/13/24 15:04	1
Vinyl chloride	ND		5.0	0.75	ug/L			12/13/24 15:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*68 - 130*		*12/13/24 15:04*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*12/13/24 15:04*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*12/13/24 15:04*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*12/13/24 15:04*	*1*

Lab Sample ID: LCS 480-735253/6
Matrix: Water
Analysis Batch: 735253

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	20.1		ug/L		100	52 - 162
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	46 - 157
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	52 - 150

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

Lab Sample ID: LCS 480-735253/6
Matrix: Water
Analysis Batch: 735253

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.5		ug/L		98	59 - 155
1,1-Dichloroethene	20.0	19.7		ug/L		99	1 - 234
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	18 - 190
1,2-Dichloroethane	20.0	20.8		ug/L		104	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	20.3		ug/L		101	18 - 190
2-Chloroethyl vinyl ether	20.0	22.3	J	ug/L		111	1 - 305
Acrolein	100	84.6	J	ug/L		85	10 - 176
Acrylonitrile	200	185		ug/L		93	54 - 147
Benzene	20.0	19.9		ug/L		100	37 - 151
Bromodichloromethane	20.0	21.4		ug/L		107	35 - 155
Bromoform	20.0	20.6		ug/L		103	45 - 169
Bromomethane	20.0	24.4		ug/L		122	1 - 242
Carbon tetrachloride	20.0	18.8		ug/L		94	70 - 140
Chlorobenzene	20.0	20.3		ug/L		101	37 - 160
Chloroethane	20.0	22.2		ug/L		111	14 - 230
Chloroform	20.0	20.5		ug/L		102	51 - 138
Chloromethane	20.0	22.8		ug/L		114	1 - 273
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	1 - 227
Dibromochloromethane	20.0	20.8		ug/L		104	53 - 149
Ethylbenzene	20.0	20.2		ug/L		101	37 - 162
Methylene Chloride	20.0	20.6		ug/L		103	1 - 221
Tetrachloroethene	20.0	20.3		ug/L		101	64 - 148
Toluene	20.0	20.0		ug/L		100	47 - 150
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	17 - 183
Trichloroethene	20.0	20.4		ug/L		102	71 - 157
Trichlorofluoromethane	20.0	24.3		ug/L		121	17 - 181
Vinyl chloride	20.0	22.0		ug/L		110	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*68 - 130*
4-Bromofluorobenzene (Surr)	*102*		*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 480-735429/1-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		12/16/24 14:25	12/17/24 13:33	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		12/16/24 14:25	12/17/24 13:33	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		12/16/24 14:25	12/17/24 13:33	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		12/16/24 14:25	12/17/24 13:33	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		12/16/24 14:25	12/17/24 13:33	1

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

Lab Sample ID: MB 480-735429/1-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		12/16/24 14:25	12/17/24 13:33	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 13:33	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 13:33	1
2-Chloronaphthalene	ND		20	0.91	ug/L		12/16/24 14:25	12/17/24 13:33	1
2-Chlorophenol	ND		20	0.66	ug/L		12/16/24 14:25	12/17/24 13:33	1
2-Nitrophenol	ND		20	0.70	ug/L		12/16/24 14:25	12/17/24 13:33	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 13:33	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		12/16/24 14:25	12/17/24 13:33	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 13:33	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		12/16/24 14:25	12/17/24 13:33	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		12/16/24 14:25	12/17/24 13:33	1
4-Nitrophenol	ND		40	1.9	ug/L		12/16/24 14:25	12/17/24 13:33	1
Acenaphthene	ND		20	0.81	ug/L		12/16/24 14:25	12/17/24 13:33	1
Acenaphthylene	ND		20	0.87	ug/L		12/16/24 14:25	12/17/24 13:33	1
Aniline	ND		40	1.5	ug/L		12/16/24 14:25	12/17/24 13:33	1
Anthracene	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 13:33	1
Benzidine	ND		320	54	ug/L		12/16/24 14:25	12/17/24 13:33	1
Benzo[a]anthracene	ND		20	1.1	ug/L		12/16/24 14:25	12/17/24 13:33	1
Benzo[a]pyrene	ND		20	1.3	ug/L		12/16/24 14:25	12/17/24 13:33	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		12/16/24 14:25	12/17/24 13:33	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		12/16/24 14:25	12/17/24 13:33	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		12/16/24 14:25	12/17/24 13:33	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		12/16/24 14:25	12/17/24 13:33	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		12/16/24 14:25	12/17/24 13:33	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		12/16/24 14:25	12/17/24 13:33	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		12/16/24 14:25	12/17/24 13:33	1
Chrysene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		12/16/24 14:25	12/17/24 13:33	1
Diethyl phthalate	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
Dimethyl phthalate	ND		20	0.91	ug/L		12/16/24 14:25	12/17/24 13:33	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 13:33	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		12/16/24 14:25	12/17/24 13:33	1
Fluoranthene	ND		20	1.6	ug/L		12/16/24 14:25	12/17/24 13:33	1
Fluorene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
Hexachlorobenzene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
Hexachlorobutadiene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		12/16/24 14:25	12/17/24 13:33	1
Hexachloroethane	ND		20	0.60	ug/L		12/16/24 14:25	12/17/24 13:33	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		12/16/24 14:25	12/17/24 13:33	1
Isophorone	ND		20	0.74	ug/L		12/16/24 14:25	12/17/24 13:33	1
Naphthalene	ND		20	0.86	ug/L		12/16/24 14:25	12/17/24 13:33	1
Decane	ND		40	1.6	ug/L		12/16/24 14:25	12/17/24 13:33	1
Nitrobenzene	ND		20	0.81	ug/L		12/16/24 14:25	12/17/24 13:33	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		12/16/24 14:25	12/17/24 13:33	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		12/16/24 14:25	12/17/24 13:33	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		12/16/24 14:25	12/17/24 13:33	1
n-Octadecane	ND		40	1.2	ug/L		12/16/24 14:25	12/17/24 13:33	1

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

Lab Sample ID: MB 480-735429/1-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		12/16/24 14:25	12/17/24 13:33	1
Phenanthrene	ND		20	1.2	ug/L		12/16/24 14:25	12/17/24 13:33	1
Phenol	ND		20	0.35	ug/L		12/16/24 14:25	12/17/24 13:33	1
Pyrene	ND		20	1.4	ug/L		12/16/24 14:25	12/17/24 13:33	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		12/16/24 14:25	12/17/24 13:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 151*	*12/16/24 14:25*	*12/17/24 13:33*	*1*
2-Fluorobiphenyl	*82*		*44 - 120*	*12/16/24 14:25*	*12/17/24 13:33*	*1*
2-Fluorophenol	*50*		*17 - 120*	*12/16/24 14:25*	*12/17/24 13:33*	*1*
Nitrobenzene-d5	*71*		*15 - 314*	*12/16/24 14:25*	*12/17/24 13:33*	*1*
Phenol-d5	*33*		*8 - 424*	*12/16/24 14:25*	*12/17/24 13:33*	*1*
p-Terphenyl-d14	*92*		*22 - 125*	*12/16/24 14:25*	*12/17/24 13:33*	*1*

Lab Sample ID: LCS 480-735429/2-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	24.0	J	ug/L		75	44 - 142
1,2-Dichlorobenzene	32.0	23.6	J	ug/L		74	32 - 129
1,3-Dichlorobenzene	32.0	22.6	J	ug/L		70	1 - 172
1,4-Dichlorobenzene	32.0	22.2	J	ug/L		70	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	16.9	J	ug/L		53	36 - 166
2,4,6-Trichlorophenol	32.0	28.8		ug/L		90	37 - 144
2,4-Dichlorophenol	32.0	29.4		ug/L		92	39 - 135
2,4-Dimethylphenol	32.0	29.8		ug/L		93	32 - 120
2,4-Dinitrophenol	64.0	70.1		ug/L		110	1 - 191
2,4-Dinitrotoluene	32.0	34.0		ug/L		106	39 - 139
2-Chloronaphthalene	32.0	24.8		ug/L		78	60 - 120
2-Chlorophenol	32.0	24.5		ug/L		77	23 - 134
2-Nitrophenol	32.0	28.3		ug/L		88	29 - 182
3,3'-Dichlorobenzidine	32.0	21.5		ug/L		67	1 - 262
4,6-Dinitro-2-methylphenol	64.0	68.9		ug/L		108	1 - 181
4-Bromophenyl phenyl ether	32.0	31.9		ug/L		100	53 - 127
4-Chloro-3-methylphenol	32.0	32.4		ug/L		101	22 - 147
4-Chlorophenyl phenyl ether	32.0	28.8		ug/L		90	25 - 158
4-Nitrophenol	64.0	61.3		ug/L		96	1 - 132
Acenaphthene	32.0	27.8		ug/L		87	47 - 145
Acenaphthylene	32.0	28.1		ug/L		88	33 - 145
Aniline	32.0	15.2	J	ug/L		48	40 - 120
Anthracene	32.0	30.3		ug/L		95	27 - 133
Benzo[a]anthracene	32.0	32.4		ug/L		101	33 - 143
Benzo[a]pyrene	32.0	30.6		ug/L		96	17 - 163
Benzo[b]fluoranthene	32.0	29.9		ug/L		93	24 - 159
Benzo[g,h,i]perylene	32.0	30.3		ug/L		95	1 - 219
Benzo[k]fluoranthene	32.0	31.3		ug/L		98	11 - 162
Bis(2-chloroethoxy)methane	32.0	23.7		ug/L		74	33 - 184

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

Lab Sample ID: LCS 480-735429/2-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	25.5		ug/L		80	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	31.3	J	ug/L		98	8 - 158
Butyl benzyl phthalate	32.0	34.1		ug/L		107	1 - 152
Chrysene	32.0	30.4		ug/L		95	17 - 168
Dibenz(a,h)anthracene	32.0	30.3		ug/L		95	1 - 227
Diethyl phthalate	32.0	35.2		ug/L		110	1 - 120
Dimethyl phthalate	32.0	33.4		ug/L		104	1 - 120
Di-n-butyl phthalate	32.0	34.2		ug/L		107	1 - 120
Di-n-octyl phthalate	32.0	30.2		ug/L		94	4 - 146
Fluoranthene	32.0	33.8		ug/L		106	26 - 137
Fluorene	32.0	29.8		ug/L		93	59 - 121
Hexachlorobenzene	32.0	33.8		ug/L		106	1 - 152
Hexachlorocyclopentadiene	32.0	13.7	J	ug/L		43	5 - 120
Hexachloroethane	32.0	21.0		ug/L		66	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.4		ug/L		95	1 - 171
Isophorone	32.0	25.7		ug/L		80	21 - 196
Naphthalene	32.0	25.3		ug/L		79	21 - 133
Nitrobenzene	32.0	26.0		ug/L		81	35 - 180
N-Nitrosodi-n-propylamine	32.0	24.7		ug/L		77	1 - 230
N-Nitrosodiphenylamine	32.0	29.5		ug/L		92	54 - 125
Pentachlorophenol	64.0	66.0		ug/L		103	14 - 176
Phenanthrene	32.0	30.8		ug/L		96	54 - 120
Phenol	32.0	13.3	J	ug/L		42	5 - 120
Pyrene	32.0	34.5		ug/L		108	52 - 120
2,6-Dinitrotoluene	32.0	31.4		ug/L		98	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 151*
2-Fluorobiphenyl	*84*		*44 - 120*
2-Fluorophenol	*53*		*17 - 120*
Nitrobenzene-d5	*82*		*15 - 314*
Phenol-d5	*39*		*8 - 424*
p-Terphenyl-d14	*94*		*22 - 125*

Lab Sample ID: LCSD 480-735429/3-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 735429

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	24.9	J	ug/L		78	44 - 142	4	34
1,2-Dichlorobenzene	32.0	24.3	J	ug/L		76	32 - 129	3	38
1,3-Dichlorobenzene	32.0	23.0	J	ug/L		72	1 - 172	2	37
1,4-Dichlorobenzene	32.0	23.1	J	ug/L		72	20 - 124	4	40
2,2'-oxybis[1-chloropropane]	32.0	17.4	J	ug/L		54	36 - 166	3	36
2,4,6-Trichlorophenol	32.0	30.7		ug/L		96	37 - 144	6	20
2,4-Dichlorophenol	32.0	29.5		ug/L		92	39 - 135	0	23
2,4-Dimethylphenol	32.0	30.3		ug/L		95	32 - 120	2	18
2,4-Dinitrophenol	64.0	68.3		ug/L		107	1 - 191	3	29

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

Lab Sample ID: LCSD 480-735429/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 735473
Prep Batch: 735429

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene			32.0	34.8		ug/L		109	39 - 139	2	20
2-Chloronaphthalene			32.0	26.8		ug/L		84	60 - 120	8	30
2-Chlorophenol			32.0	25.5		ug/L		80	23 - 134	4	26
2-Nitrophenol			32.0	29.2		ug/L		91	29 - 182	3	28
3,3'-Dichlorobenzidine			32.0	21.5		ug/L		67	1 - 262	0	31
4,6-Dinitro-2-methylphenol			64.0	68.5		ug/L		107	1 - 181	1	30
4-Bromophenyl phenyl ether			32.0	32.8		ug/L		102	53 - 127	3	16
4-Chloro-3-methylphenol			32.0	32.5		ug/L		101	22 - 147	0	16
4-Chlorophenyl phenyl ether			32.0	32.0		ug/L		100	25 - 158	11	15
4-Nitrophenol			64.0	65.0		ug/L		102	1 - 132	6	24
Acenaphthene			32.0	30.4		ug/L		95	47 - 145	9	25
Acenaphthylene			32.0	30.7		ug/L		96	33 - 145	9	22
Aniline			32.0	15.3	J	ug/L		48	40 - 120	0	30
Anthracene			32.0	29.9		ug/L		93	27 - 133	1	15
Benzo[a]anthracene			32.0	31.9		ug/L		100	33 - 143	2	15
Benzo[a]pyrene			32.0	30.8		ug/L		96	17 - 163	0	15
Benzo[b]fluoranthene			32.0	31.6		ug/L		99	24 - 159	6	17
Benzo[g,h,i]perylene			32.0	29.5		ug/L		92	1 - 219	3	19
Benzo[k]fluoranthene			32.0	32.2		ug/L		101	11 - 162	3	19
Bis(2-chloroethoxy)methane			32.0	24.4		ug/L		76	33 - 184	3	23
Bis(2-chloroethyl)ether			32.0	26.5		ug/L		83	12 - 158	4	33
Bis(2-ethylhexyl) phthalate			32.0	30.1	J	ug/L		94	8 - 158	4	15
Butyl benzyl phthalate			32.0	31.9		ug/L		100	1 - 152	6	15
Chrysene			32.0	29.9		ug/L		93	17 - 168	2	15
Dibenz(a,h)anthracene			32.0	30.6		ug/L		96	1 - 227	1	18
Diethyl phthalate			32.0	35.9		ug/L		112	1 - 120	2	15
Dimethyl phthalate			32.0	34.8		ug/L		109	1 - 120	4	15
Di-n-butyl phthalate			32.0	34.1		ug/L		107	1 - 120	0	15
Di-n-octyl phthalate			32.0	29.3		ug/L		92	4 - 146	3	15
Fluoranthene			32.0	33.1		ug/L		104	26 - 137	2	15
Fluorene			32.0	32.0		ug/L		100	59 - 121	7	18
Hexachlorobenzene			32.0	35.5		ug/L		111	1 - 152	5	15
Hexachlorocyclopentadiene			32.0	15.1	J	ug/L		47	5 - 120	10	50
Hexachloroethane			32.0	21.4		ug/L		67	40 - 120	2	43
Indeno[1,2,3-cd]pyrene			32.0	29.9		ug/L		93	1 - 171	2	17
Isophorone			32.0	26.5		ug/L		83	21 - 196	3	21
Naphthalene			32.0	26.3		ug/L		82	21 - 133	4	31
Nitrobenzene			32.0	27.0		ug/L		84	35 - 180	4	27
N-Nitrosodi-n-propylamine			32.0	25.6		ug/L		80	1 - 230	3	23
N-Nitrosodiphenylamine			32.0	30.2		ug/L		94	54 - 125	2	15
Pentachlorophenol			64.0	64.1		ug/L		100	14 - 176	3	21
Phenanthrene			32.0	33.5		ug/L		105	54 - 120	8	16
Phenol			32.0	13.6	J	ug/L		43	5 - 120	2	36
Pyrene			32.0	33.6		ug/L		105	52 - 120	3	15
2,6-Dinitrotoluene			32.0	32.1		ug/L		100	50 - 158	2	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*121*		*52 - 151*

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

Lab Sample ID: LCSD 480-735429/3-A
Matrix: Water
Analysis Batch: 735473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 735429

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*44 - 120*
2-Fluorophenol	*53*		*17 - 120*
Nitrobenzene-d5	*84*		*15 - 314*
Phenol-d5	*42*		*8 - 424*
p-Terphenyl-d14	*91*		*22 - 125*

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

Lab Sample ID: MB 480-735589/1-A
Matrix: Water
Analysis Batch: 735729

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		12/18/24 09:28	12/19/24 14:48	1
PCB-1221	ND		0.060	0.038	ug/L		12/18/24 09:28	12/19/24 14:48	1
PCB-1232	ND		0.060	0.038	ug/L		12/18/24 09:28	12/19/24 14:48	1
PCB-1242	ND		0.060	0.038	ug/L		12/18/24 09:28	12/19/24 14:48	1
PCB-1248	ND		0.060	0.038	ug/L		12/18/24 09:28	12/19/24 14:48	1
PCB-1254	ND		0.060	0.031	ug/L		12/18/24 09:28	12/19/24 14:48	1
PCB-1260	ND		0.060	0.031	ug/L		12/18/24 09:28	12/19/24 14:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*10 - 120*	*12/18/24 09:28*	*12/19/24 14:48*	*1*
Tetrachloro-m-xylene	*77*		*10 - 126*	*12/18/24 09:28*	*12/19/24 14:48*	*1*

Lab Sample ID: LCS 480-735589/2-A
Matrix: Water
Analysis Batch: 735729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735589

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.772		ug/L		77	69 - 123		
PCB-1260			1.00	0.735		ug/L		73	69 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*56*		*10 - 120*
Tetrachloro-m-xylene	*76*		*10 - 126*

Lab Sample ID: LCSD 480-735589/3-A
Matrix: Water
Analysis Batch: 735729

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 735589

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.886		ug/L		89	69 - 123	14	30
PCB-1260			1.00	0.795		ug/L		79	69 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*50*		*10 - 120*
Tetrachloro-m-xylene	*92*		*10 - 126*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-735316/1-A
Matrix: Water
Analysis Batch: 735438

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735316

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		12/16/24 08:29	12/16/24 14:19	1
Copper	ND		0.010	0.0045	mg/L		12/16/24 08:29	12/16/24 14:19	1
Lead	ND		0.010	0.0039	mg/L		12/16/24 08:29	12/16/24 14:19	1
Nickel	ND		0.010	0.0034	mg/L		12/16/24 08:29	12/16/24 14:19	1
Zinc	ND		0.010	0.0068	mg/L		12/16/24 08:29	12/16/24 14:19	1

Lab Sample ID: LCS 480-735316/2-A
Matrix: Water
Analysis Batch: 735438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735316

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.499	0.508		mg/L		102	85 - 115
Copper	0.500	0.476		mg/L		95	85 - 115
Lead	0.500	0.504		mg/L		101	85 - 115
Nickel	0.501	0.502		mg/L		100	85 - 115
Zinc	0.500	0.533		mg/L		107	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-735576/1-A
Matrix: Water
Analysis Batch: 735662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/18/24 10:50	12/18/24 14:12	1

Lab Sample ID: LCS 480-735576/2-A
Matrix: Water
Analysis Batch: 735662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00675		mg/L		101	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-735665/45
Matrix: Water
Analysis Batch: 735665

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			12/17/24 19:02	1

Lab Sample ID: LCS 480-735665/46
Matrix: Water
Analysis Batch: 735665

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenolics, Total Recoverable	0.100	0.101		mg/L		101	90 - 110

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

Lab Sample ID: MB 480-735774/1
Matrix: Water
Analysis Batch: 735774

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			12/19/24 13:45	1

Lab Sample ID: LCS 480-735774/2
Matrix: Water
Analysis Batch: 735774

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	254	248.4		mg/L		98	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-735603/45
Matrix: Water
Analysis Batch: 735603

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 480-735344/3
Matrix: Water
Analysis Batch: 735344

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			12/15/24 21:34	1

Lab Sample ID: LCS 480-735344/4
Matrix: Water
Analysis Batch: 735344

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	0.189		mg/L as P		94	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-735302/1
Matrix: Water
Analysis Batch: 735302

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			12/14/24 10:15	1

Lab Sample ID: LCS 480-735302/2
Matrix: Water
Analysis Batch: 735302

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	197	172.4		mg/L		87	85 - 115

GC/MS VOA

Analysis Batch: 735253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-226305-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-735253/8	Method Blank	Total/NA	Water	624.1	
LCS 480-735253/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 735429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-735429/1-A	Method Blank	Total/NA	Water	625	
LCS 480-735429/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-735429/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 735470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	625.1	735429

Analysis Batch: 735473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-735429/1-A	Method Blank	Total/NA	Water	625.1	735429
LCS 480-735429/2-A	Lab Control Sample	Total/NA	Water	625.1	735429
LCSD 480-735429/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	735429

GC Semi VOA

Prep Batch: 735589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-735589/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-735589/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-735589/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 735729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	608.3	735589
MB 480-735589/1-A	Method Blank	Total/NA	Water	608.3	735589
LCS 480-735589/2-A	Lab Control Sample	Total/NA	Water	608.3	735589
LCSD 480-735589/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	735589

Metals

Prep Batch: 735316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-735316/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-735316/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 735438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	735316
MB 480-735316/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	735316

Metals (Continued)

Analysis Batch: 735438 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-735316/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	735316

Prep Batch: 735576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-735576/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-735576/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 735662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	245.1	735576
MB 480-735576/1-A	Method Blank	Total/NA	Water	245.1	735576
LCS 480-735576/2-A	Lab Control Sample	Total/NA	Water	245.1	735576

General Chemistry

Analysis Batch: 735302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-735302/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-735302/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 735344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-735344/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-735344/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 735603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-735603/45	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 735665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-735665/45	Method Blank	Total/NA	Water	420.4	
LCS 480-735665/46	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 735774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-735774/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-735774/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 735802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226305-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-226305-1
Date Collected: 12/13/24 12:00
Matrix: Water
Date Received: 12/13/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	735253	AXK	EET BUF	12/14/24 00:16
Total/NA	Prep	625			735429	LSC	EET BUF	12/16/24 14:25
Total/NA	Analysis	625.1		1	735470	JMM	EET BUF	12/17/24 21:36
Total/NA	Prep	3510C			735589	JMP	EET BUF	12/18/24 09:28
Total/NA	Analysis	608.3		1	735729	W1T	EET BUF	12/19/24 16:02
Total/NA	Prep	200.7			735316	ET	EET BUF	12/16/24 08:29
Total/NA	Analysis	200.7 Rev 4.4		1	735438	BMB	EET BUF	12/16/24 15:13
Total/NA	Prep	245.1			735576	ESB	EET BUF	12/18/24 10:50
Total/NA	Analysis	245.1		1	735662	ESB	EET BUF	12/18/24 14:33
Total/NA	Analysis	420.4		1	735665	GW	EET BUF	12/17/24 20:30
Total/NA	Analysis	SM 2540D		1	735774	AB	EET BUF	12/19/24 13:45
Total/NA	Analysis	SM 4500 CN G		1	735802	JJP	EET BUF	12/19/24 00:09
Total/NA	Analysis	SM 4500 H+ B		1	735603	IMZ	EET BUF	12/17/24 17:30
Total/NA	Analysis	SM 4500 P E		1	735344	GW	EET BUF	12/15/24 21:34
Total/NA	Analysis	SM 5210B		1	735302	KM	EET BUF	12/14/24 10:15

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-226305-2
Date Collected: 12/13/24 12:00
Matrix: Water
Date Received: 12/13/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	735253	AXK	EET BUF	12/13/24 21:52

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

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
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.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

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.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-226305-1	BCC BSA SUMP	Water	12/13/24 12:00	12/13/24 14:25
480-226305-2	TRIP BLANK	Water	12/13/24 12:00	12/13/24 14:25

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-226305-1
Project/Site: Buffalo Color- Quarterly BSA SUMP

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

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

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

Chain of Custody Record

eurofins Environment Testing

BSA SU

Client Information	Sampler: Taylor Kunzelmann	Lab PM: Schove, John R	Carrier Tracking No(s): OSC	COC No: 480-200471-6057.1
Client Contact: Kirsten Colligan	Phone: 716-480-3282	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:			Job #: 16011
Address: 140 Lee St.	Due Date Requested: Standard			
City: Buffalo	TAT Requested (days): 2 weeks			
State, Zip: NY, 14210	Compliance Project: ☒ Yes △ No			
Phone: 856-3333	PO #: 676613			
Email: kcolligan@oscinc.com	WO #:			
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu	Project #: 48003159			
Site: New York	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	4500_P_E - Phosphorus	200.7, 245.1	420.4_NP - 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:
			Preservation Code:				S	D	S	N	N	N	N	N	B	N					
BCC BSA SUMP	12-13-24	12:00	G	Water			1	1	1	8	2	1	1	1	1	1					
Trip Blank		12:00	C	Water						2											

480-226305 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Taylor Kunzelmann	12-13-24 1425	OSC		12-13-24 1425	FAB
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes △ No | Custody Seal No.: 236 2815

Cooler Temperature(s) °C and Other Remarks: 12.3 IR #5 CF CE

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-226305-1

Login Number: 226305
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	12.3 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.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Ontario Specialty Contracting
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

May 29, 2025

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 #25-01-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, 2025. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #25-01-BU109.

Included with the report are:

Operation log sheets;
A copy of the current BSA discharge permit;
Process & Instrumentation Diagram
DRAFT Conveyance Layout
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

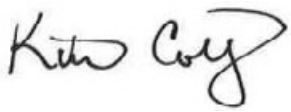
B.P.D.E.S. Permit No. #25-01-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: January 1, 2025 through March 31, 2025

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 conveyance to the treatment system 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-4A, EW-6, EW-7 and EW-8 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:	
January 2025	650,000 gallons
February 2025	488,000 gallons
March 2025	546,000 gallons
Total 1st Quarter Discharge	1,684,000 gallons

Estimated Area D contribution this period:
2,997 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	Year: 2025	Event Group: SUMP
Sample Date:	3/18/2025		Month: MAR	Lab Job ID: J227969-1
Sample Location:	Onsite Pump Station to BSA			

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	8.2	0.100	SU	8.20	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	6.3	2.0	mg/L	6.3	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.077	0.010	mg/L	0.012	lbs/day	1.67	lbs/day	Yes	20	0.077	Yes
Total Chromium	7440-47-3	ND	0.0040	mg/L	ND	lbs/day	0.83	lbs/day	Yes	40	ND	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	ND	0.0050	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	ND	0.010	mg/L	ND	lbs/day	1.17	lbs/day	Yes	14	ND	Yes
Zinc	7440-66-6	ND	0.010	mg/L	ND	lbs/day	2.046	lbs/day	Yes	25	ND	Yes
Amendable Cyanide	CAN	ND	0.010	mg/L	ND	lbs/day	2.59	lbs/day	Yes	6.2	ND	Yes
Total PCB	Sum Method_E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	9.7	40	ug/L	0.0015	lbs/day	50	lbs/day	Yes	0.125	0.0097	Yes
Benzene	71-43-2	3.9	5	ug/L	0.0006	lbs/day	0.059	lbs/day	Yes	0.142	0.004	Yes
Chlorobenzene	108-90-7	ND	5	ug/L	ND	lbs/day	0.129	lbs/day	Yes	0.31	ND	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	14.21	25	ug/L	0.014	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	9.2	4.0	mg/L	9.2	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.3	0.010	mg/L	0.300	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	13.14	-	gpm	18,921	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	1,828,000	1/1/2025
Final Reading	3,512,000	3/31/2025
Total Days in Period	89	
Total Flow for Period	**1,684,000**	gallons
Average Flow for Period	**13.14**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

February 12, 2025

Ms. Kirsten Colligan
Project Manager
140 Lee Street
Buffalo, New York 14210

RE: **B.P.D.E.S. Permit #25-01-BU109**

Dear Ms. Colligan:

Enclosed is your new BPDES Permit #25-01-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

Elizabeth Scheeler
Industrial Waste Administrator

AUTHORIZATION TO DISCHARGE UNDER BUFFALO

POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NUMBER: 25-01-BU109

USEPA Category: 40 CFR 403

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

South Buffalo Development, LLC

To discharge wastewater from a facility located at:

Areas A & D from the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, NY 14210

To the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on June 15, 2024, and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Part I and II hereof.

Effective this 1st day of January, 2025

To Expire the 31st day of December, 2027

Principal Sanitary Engineer
General Manager, Buffalo Sewer Authority

Issued this 10th day of February, 2025

PART 1: 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 outfall(s) (see attached map) shall be limited and monitored **quarterly** by the permittee as specified below:

Sampling for the pollutants below will be conducted at Sample 001.

Sample Point 001 is located — Flow Proportional Grab Samples from the Two Spigots Post Filtration from the Pre-Treatment Systems Contained Inside the On-site Trailer

Sample Point 001: Footnotes found on page 4 & 5

Regulation		Discharge Limit	Discharge Limit	Discharge limit	Discharge Limit	M.A.I.D (1)	Sampling Requirement	Sampling Requirement
40 CFR	Parameter	Daily	Daily	Monthly	Monthly		Time Period	Type(2)
		Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)		
403	Total Phenol		2.00			20.0	1 Day	Composite
403	Total Chromium (5)		1.00			40.0	1 Day	Composite
403	Total Copper(5)		0.80			16.0	1 Day	Composite
403	Total Lead(5)		0.65			65.0	1 Day	Composite
403	Total Nickel(5)		1.40			14.0	1 Day	Composite
403	Total Mercury(5)		0.00040			0.0008	1 Day	Composite
403	Total Zinc(5)		2.46			25.0	1 Day	Composite
403	Amenable Cyanide(5)		3.11			6.20	1 Day	Composite
403	Total Toxic Organics (4)						1 Day	Composite
403	Aniline					0.125	1 Day	Composite
403	Benzene					0.142	1 Day	Composite
403	Chloro-benzene					0.310	1 Day	Composite
403	1,2-Dichloro-benzene					0.472	1 Day	Composite

Sample Point 001

Regulation		Discharge Limit	Discharge Limit	Discharge Limit	Discharge Limit	M.A.I.D (1)	Sampling Requirement	Sampling Requirement
40 CFR	Parameter	Daily	Daily	Monthly	Monthly		Time Period	Type(2)
		Conc. mg/L)	Mass (lbs.)(4)	Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)		
403	Fluoran-thene					0.100	1 Day	Composite
403	Acenaph-thylene					0.314	1 Day	Composite
403	Naph-thalene					0.314	1 Day	Composite
403	Anthra-cene					0.314	1 Day	Composite
403	Fluorene					0.314	1 Day	Composite
403	Phenan-threne					0.314	1 Day	Composite
403	B.O.D.(5,6)	250.0					1 Day	Composite
403	Total Suspended Solids(5,6)	250.0					1 Day	Composite
403	Total Phosphates (5,6)	15.35					1 Day	Composite
403	Discharge Flow(7)	60,000					1 Day	Meter(7)
403	pH (s.u.)(8)	5.0-12.0					1 Day	Grab

PART 1: SPECIFIC CONDITIONS

B. Footnotes:

1. M.A.I.D.- Maximum Allowable Instantaneous Discharge (also called a slug limit).

2. Sampling Requirement, Sampling Type:

    a. Grab sample: A single discreet sample collected over a period that is not to exceed 15 minutes.
    b. Composite sample: The two methods of obtaining a composite sample are flow-proportional composite sampling or time-proportional composite sampling. Please indicate the sampling method utilized.

3. The Discharge Limitation Daily and Monthly Mass, is in pounds (lbs.). This limit was calculated using peak discharge flow of 60,000 gallons per day.

4. The analysis for Total Toxic Organics (TTO) shall be conducted using the following analytical test methods; EPA Test Method 608- Organochlorine Pesticides and PCBs, EPA Test Method 624- Volatile Organics and EPA Test Method 625- Semi-Volatile Organics. Four grab samples must be properly taken and preserved over an equally spaced period during a normal discharge day. The four grab samples must be flow proportionally composited.

    The permittee must report any pollutant parameter from the TTO analytical results whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the pollutant parameters evaluated by these procedures which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this discharge permit.

    Once the initial monitoring report with the TTO analytical results have been submitted, a Toxic Organic Management Plan (TOMP) may be developed that, if approved, will relieve the company from conducting additional TTO analysis, for the duration of the discharge permit. The Toxic Organic Management Plan (TOMP) must contain the following:
    a. a list of the toxic organic compounds that will be at the facility,
    b. amounts of toxic organic compounds that will be stored at the facility,
    c. procedures to prevent spills or leaks of toxic organic compounds into the sewer system,
    d. methods of disposal of these toxic compounds; and
    e. records/invoices/manifests showing these disposal methods.

B. FOOT NOTES- continued

If the company submits an approved Toxic Organic Solvent Management Plan (TOMP), then in lieu of monitoring for TTO the following statement must be included with every monitoring report:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and Belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the control authority."

5. The Discharge Limitation for these parameters are local discharge limits that the Buffalo Sewer Authority has developed to protect the Bird Island Treatment Plant.

6. If the parameter is over the stated limit, then that parameter is surchargeable.

7. The discharge meter must be calibrated on an annual basis. With every monitoring report, the daily sampling must include discharge meter readings for that sample day. 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 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.

8. 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. This record must always be available for BSA inspection.

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.

PART 1: SPECIFIC CONDITIONS

C. DISCHARGE MONITORING REPORTING REQUIREMENTS

1. During the period beginning the effective date of this permit 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	Initial Report	Subsequent Reports
001	All parameters	January 31, 2025	April 30, 2025
			July 31, 2025
			October 31, 2025
			January 31, 2026
			April 30, 2026
			July 31, 2026
			October 31, 2026
			January 31, 2027
			April 30, 2027
			July 31, 2027
			October 31, 2027

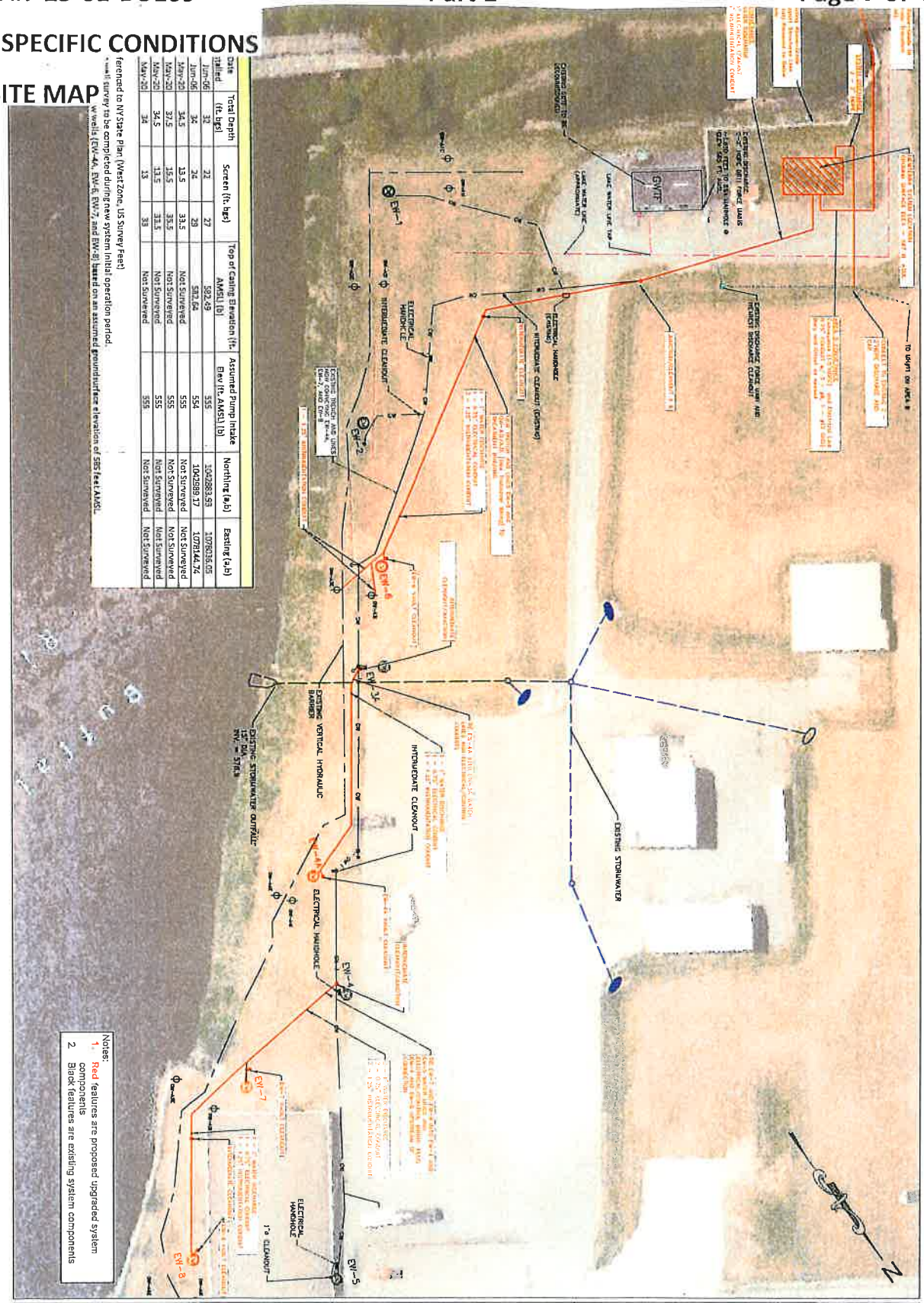
2. To renew your Discharge Permit, a Discharge Permit Application is required six months prior to the expiration of this permit. Please submit by June 30, 2027.

Part I: SPECIFIC CONDITIONS

D. SITE MAP

Date Installed	Total Depth (ft. bgs)	Screen (ft. bgs)	Top of Casing Elevation (ft. AMSL) (b)	Assumed Pump Intake Elev (ft. AMSL) (b)	Northing (a,b)	Easting (a,b)
Jun-06	32	22	582.49	555	1042883.93	1078036.05
Jun-06	34	24	582.64	554	1042588.17	1078144.74
May-20	34.5	13.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	37.5	35.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	34.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	34	33	Not Surveyed	555	Not Surveyed	Not Surveyed

* well survey to be completed during new system initial operation period.
(a) referenced to NY State Plan (West Zone, US Survey Feet)
(b) wells EW-4A, EW-6, EW-7, and EW-8 based on an assumed groundsurface elevation of 585 feet AMSL



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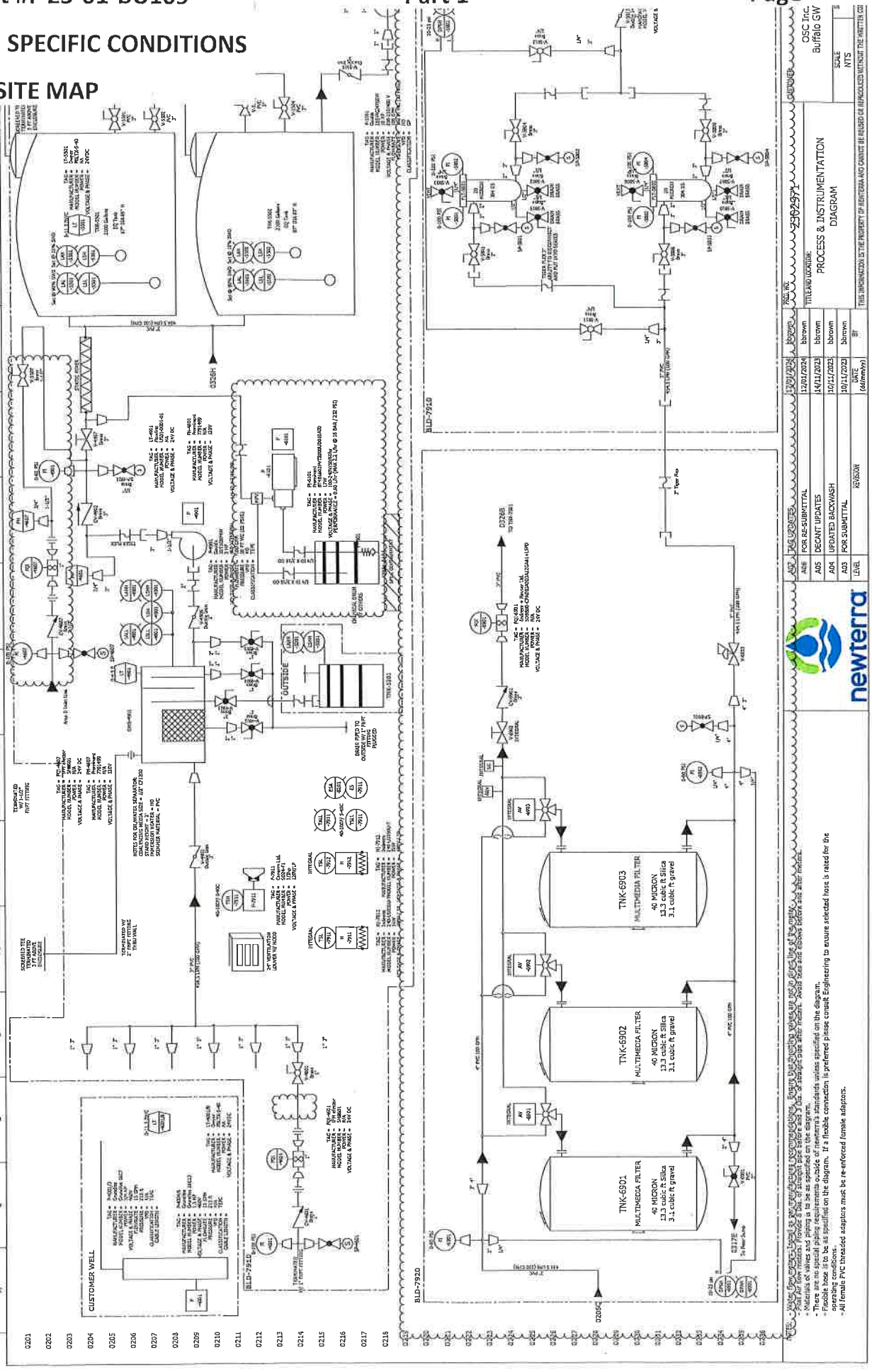
www.InventumEng.com

CONVEYANCE LAYOUT
DRAFT 03/08/24
SOUTH BUFFALO DEVELOPMENT, LLC
AREA A

SHEET 1

Part I: SPECIFIC CONDITIONS

E. SITE MAP



Part I: SPECIFIC CONDITIONS

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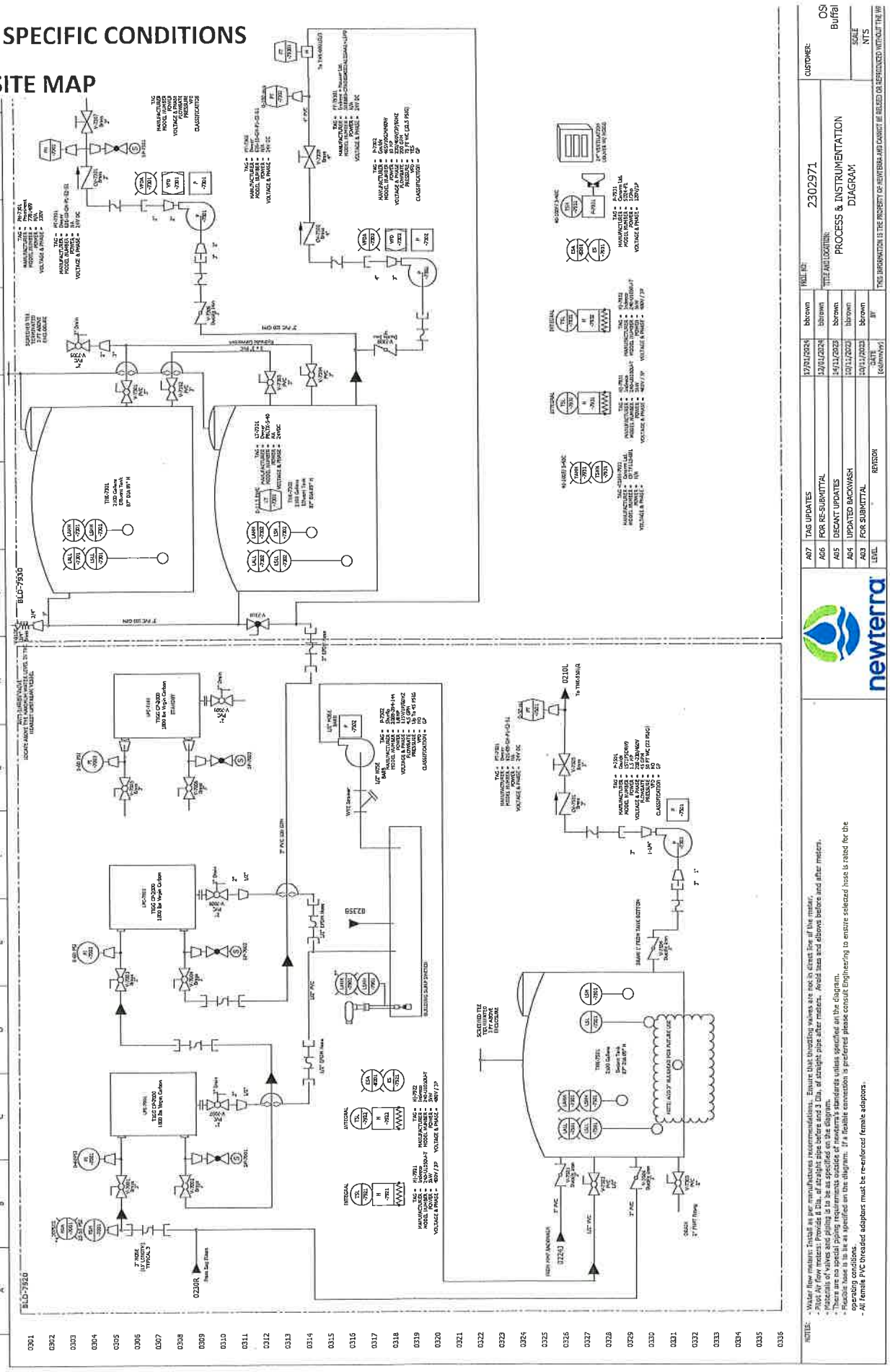


BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

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.

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. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. 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 883-1820 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 noncomplying discharge.

5. 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.

6. 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.

7. 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.

8. 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.

9. Treatment Bypasses

a. A bypass of the treatment system is prohibited unless the following conditions are met:

(i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or

(ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and

(iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.

b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent it's recurrence.

c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

a. Violation of any terms or conditions of this permit,

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

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

3. Civil and Criminal Liability

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

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to $10,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

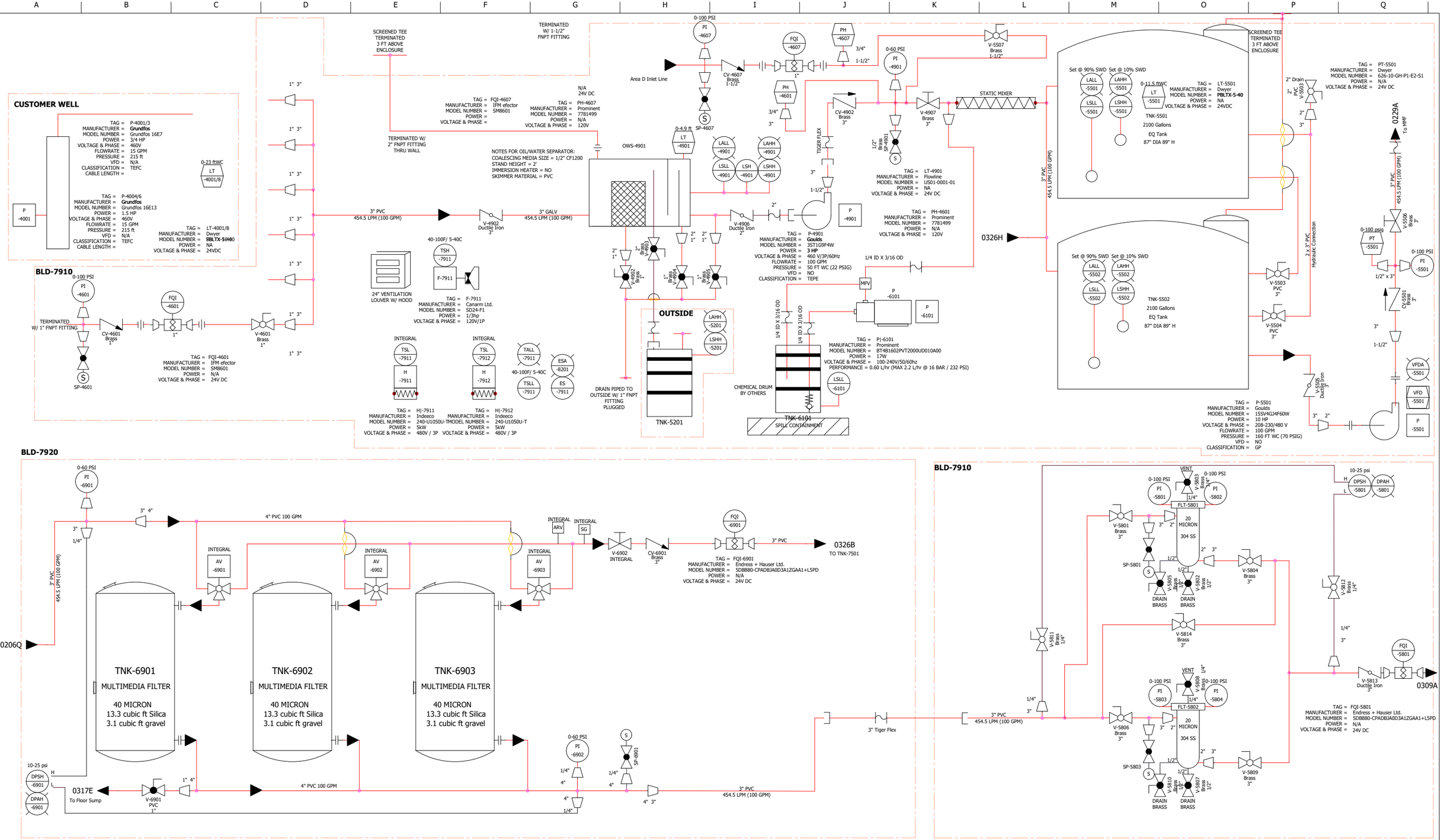
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Process & Instrumentation Diagram



NOTES:
- Water flow meters: Install as per manufactures recommendations. Ensure that throttling valves are not in direct line of the meter.
- Pitot Air flow meters: Provide 8 Dia. of straight pipe before and 3 Dia. of straight pipe after meters. Avoid tees and elbows before and after meters.
- Materials of valves and piping is to be as specified on the diagram.
- There are no special piping requirements outside of newterra's standards unless specified on the diagram.
- Flexible hose is to be as specified on the diagram. If a flexible connection is preferred please consult Engineering to ensure selected hose is rated for the operating conditions.
- All female PVC threaded adaptors must be re-enforced female adaptors.

newterra

LEVEL	REVISION	DATE (dd/mm/yy)	BY
C01	AS-BUILTS	29/07/2024	bbrown
B01	FOR PRODUCTION	29/07/2024	bbrown
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	2	4

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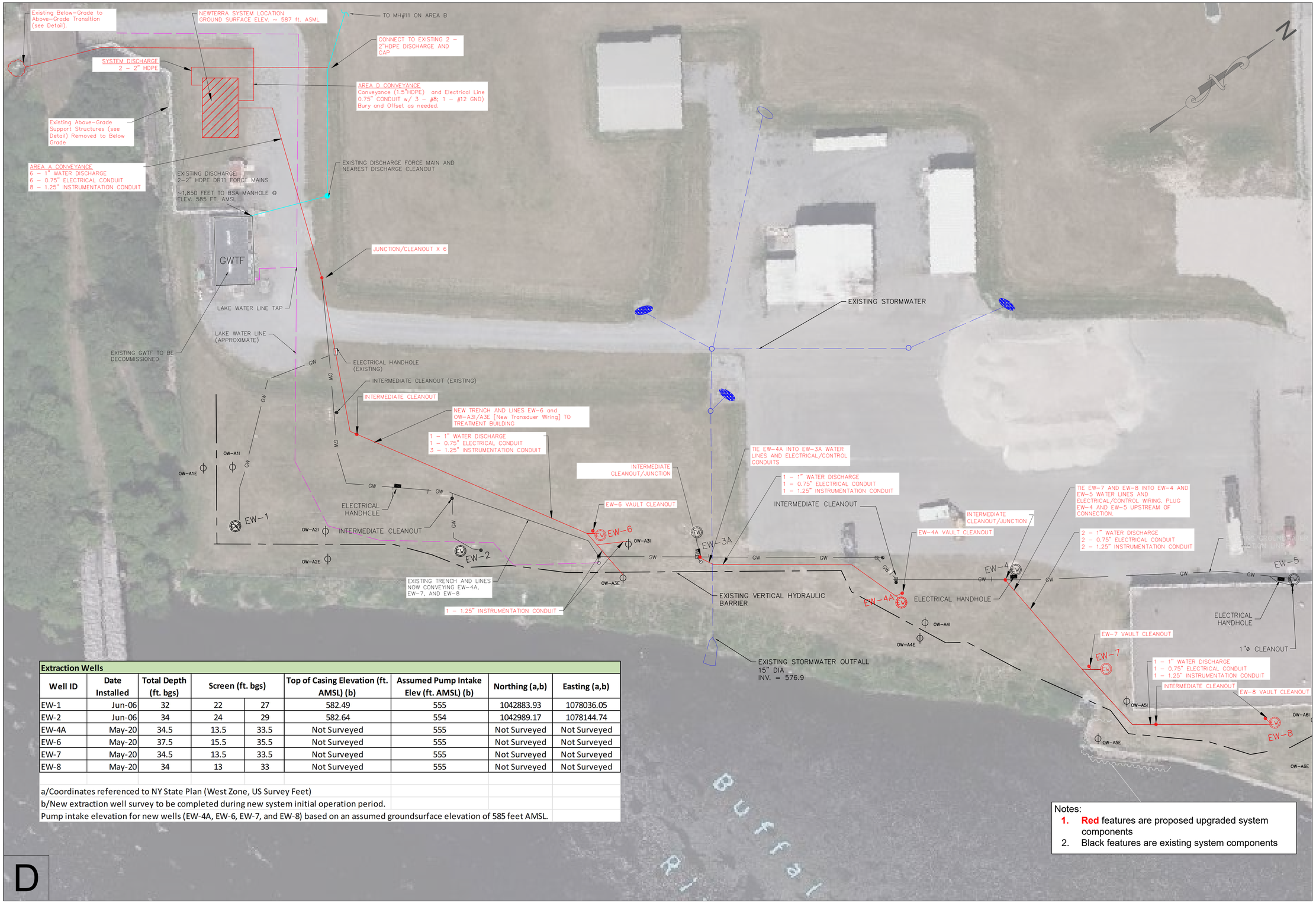
DRAFT Conveyance Layout



Extraction Wells								
Well ID	Date Installed	Total Depth (ft. bgs)	Screen (ft. bgs)		Top of Casing Elevation (ft. AMSL) (b)	Assumed Pump Intake Elev (ft. AMSL) (b)	Northing (a,b)	Easting (a,b)
EW-1	Jun-06	32	22	27	582.49	555	1042883.93	1078036.05
EW-2	Jun-06	34	24	29	582.64	554	1042989.17	1078144.74
EW-4A	May-20	34.5	13.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-6	May-20	37.5	15.5	35.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-7	May-20	34.5	13.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-8	May-20	34	13	33	Not Surveyed	555	Not Surveyed	Not Surveyed

a/Coordinates referenced to NY State Plan (West Zone, US Survey Feet)
b/New extraction well survey to be completed during new system initial operation period.
Pump intake elevation for new wells (EW-4A, EW-6, EW-7, and EW-8) based on an assumed groundsurface elevation of 585 feet AMSL.

Notes:
1. **Red** features are proposed upgraded system components
2. Black features are existing system components

D

DRAWING BY
CHECKED
APPROVED

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. IN ACCEPTANCE HEREOF, IT IS AGREED THAT IT SHALL NOT BE REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF INVENTUM ENGINEERING.

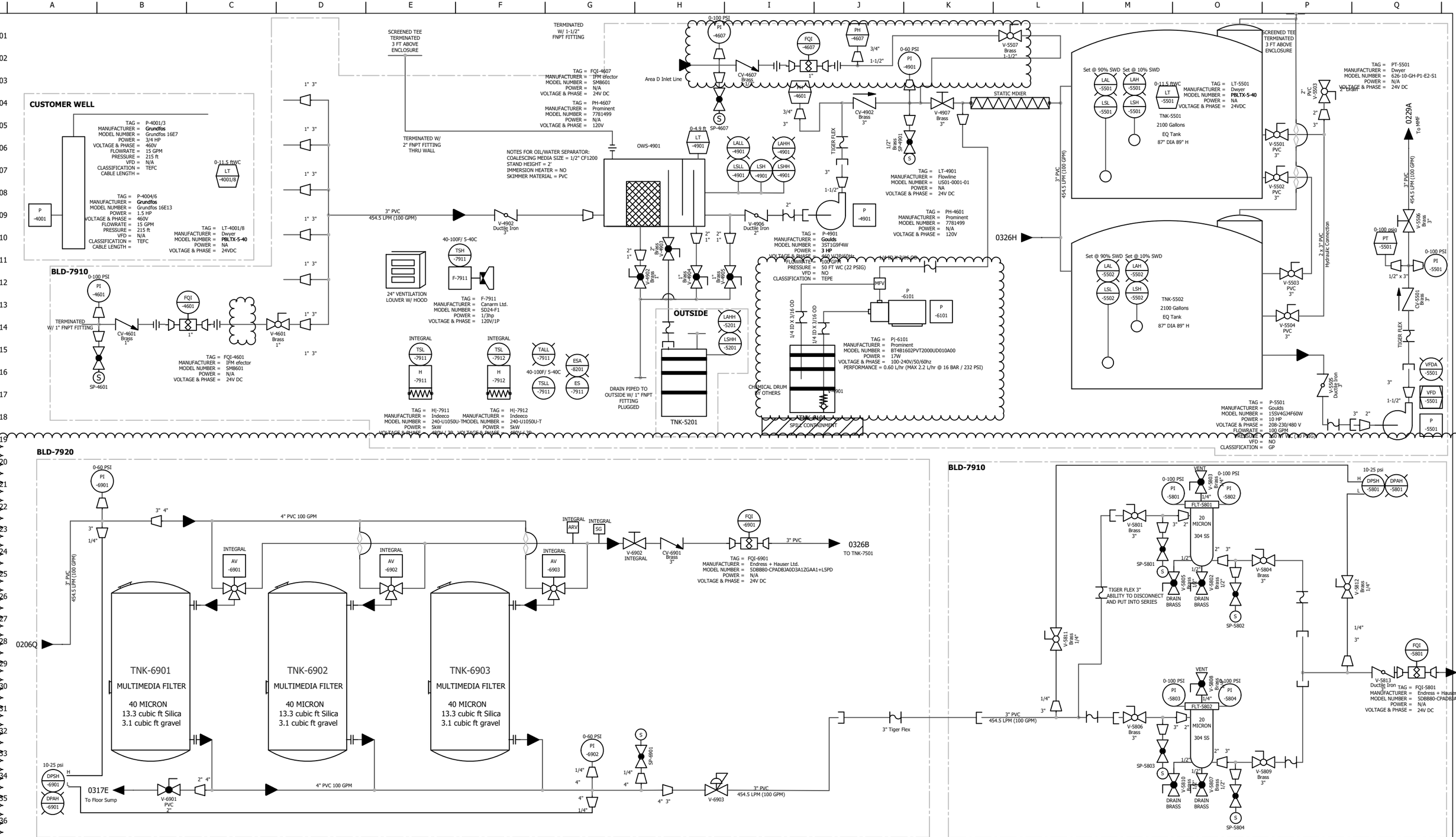
NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF STATE LAW FOR ANY PERSONS, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

CONVEYANCE LAYOUT
DRAFT 03/08/24
SOUTH BUFFALO DEVELOPMENT, LLC
AREA A

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

SHEET 1

1" = 30'
30' 15' 0' 30'



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newterra

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A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown
A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
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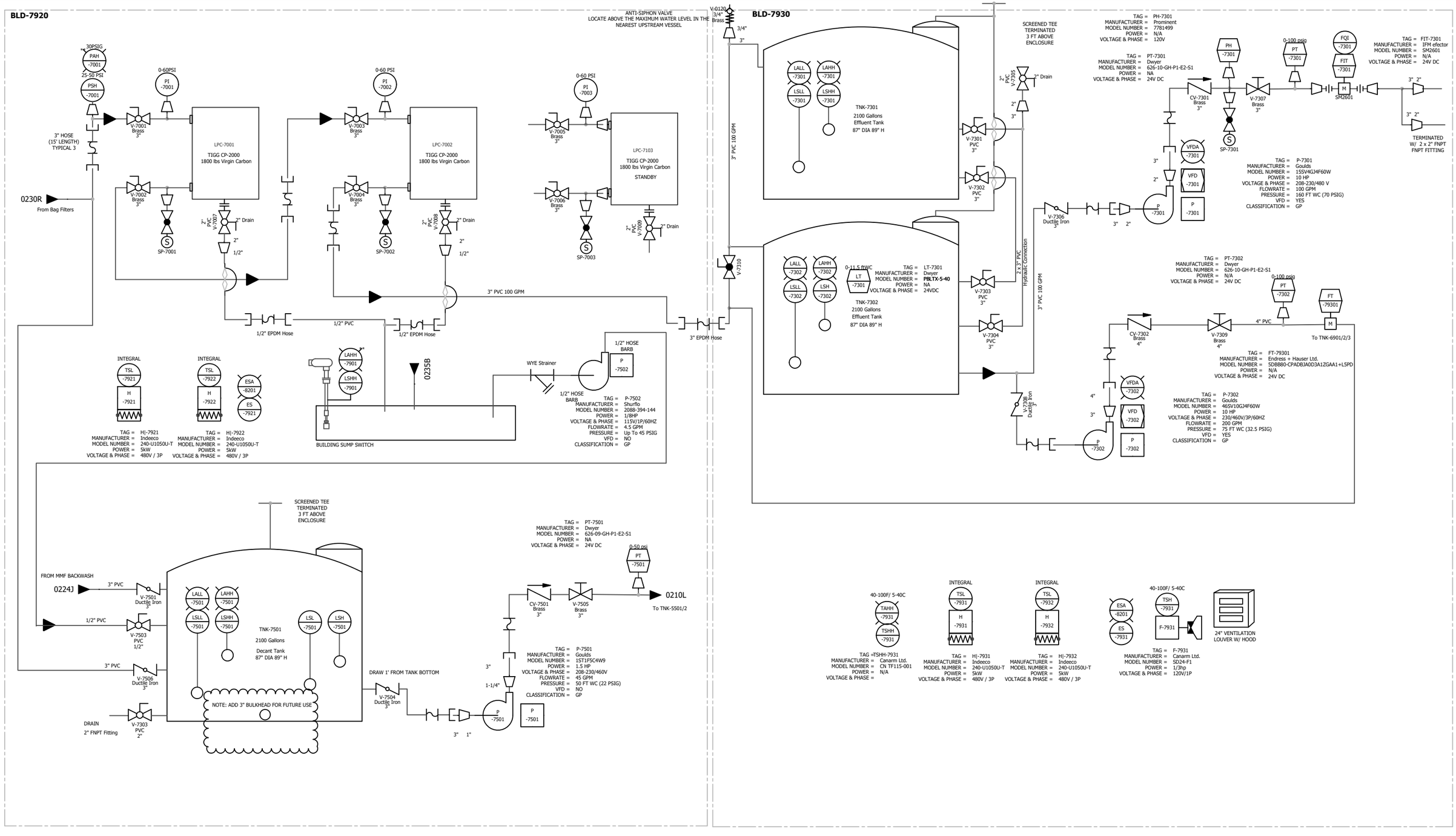

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A05	DECANT UPDATES	14/11/2023	bbrown
A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	3	4

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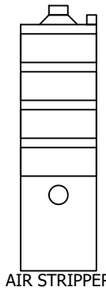
VALVES AND PIPING

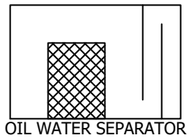
NO NC

- BALL VALVE -
- GATE VALVE -
- GLOBE VALVE -
- NEEDLE VALVE -
- SLIDE VALVE -
- SOLENOID VALVE -
- BUTTERFLY VALVE -
- SWING CHECK VALVE -
- WAFER CHECK VALVE -
- SPRING CHECK VALVE -
- WYE STRAINER -
- SAMPLE PORT -
- PRESSURE RELIEF VALVE -
- VACUUM RELIEF VALVE -
- CAMLOCK CONNECTION -
- FLEXIBLE CONNECTION -
- FLANGED CONNECTION -
- REDUCER -
- UNION -
- ADSORBENT FILTER - (A TWIST DRAIN, A AUTO DRAIN)
- COALESCING FILTER - (TWIST DRAIN, AUTO DRAIN)
- PARTICULATE FILTER - (TWIST DRAIN, AUTO DRAIN)
- FILTER, SILENCER -
- PRESSURE REGULATOR -
- REGULATOR W/ FILTER -

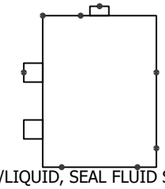
EQUIPMENT



AIR STRIPPER

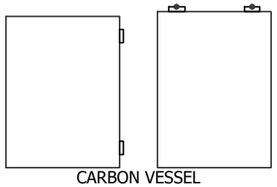


OIL WATER SEPARATOR

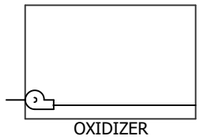


VAPOR/LIQUID, SEAL FLUID SEPARATOR

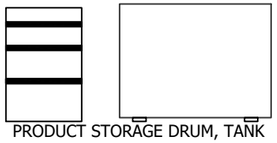
BAG FILTER



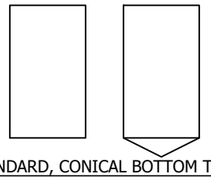
CARBON VESSEL



OXIDIZER

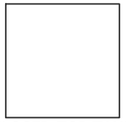


PRODUCT STORAGE DRUM, TANK

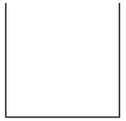


STANDARD, CONICAL BOTTOM TANK

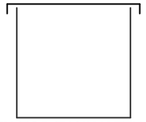
EQUIPMENT



CLOSED TOP TANK

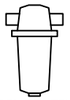


OPEN TOP TANK

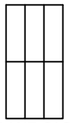


OPEN TOP TANK WITH LID

AIR DIFFUSER ASSEMBLY



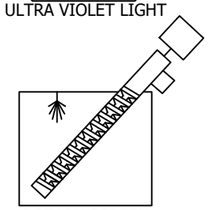
STRAINER/FILTER



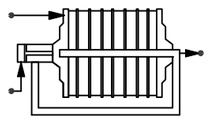
MEMBRANE CASSETTE

NO CLOG SPRAYER ASSEMBLY

ULTRA VIOLET LIGHT



ROTARY SCREEN



FILTER PRESS

EQUIPMENT

- CENTRIFUGAL PUMP -
- PROGRESSIVE-CAVITY PUMP -
- CHEMICAL-INJECTION PUMP -
- CENTRIFUGAL, REGENERATIVE BLOWER -
- POSITIVE-DISPLACEMENT BLOWER -
- ROTARY-CLAW BLOWER -
- LINEAR BLOWER -
- LIQUID-RING PUMP -
- ROTARY-VANE COMPRESSOR -
- RECIPROCATING COMPRESSOR -
- PASSIVE COOLING FINS -
- HEAT EXCHANGER -
- EDUCTOR -
- MAGNETIC FLOWM METER - (M)
- AVERAGING PITOT TUBE -
- VENTURI -
- ROTOMETER -
- WATER FLOW METER -

INSTRUMENTATION IDENTIFIERS

	FIRST LETTERS		SUCCEEDING LETTERS		
	MEASURED/INITIATING VARIABLE	VARIABLE MODIFIER	READOUT/PASSIVE FUNCTION	OUTPUT/ACTIVE FUNCTION	FUNCTION MODIFIER
A	ANALYSIS		ALARM		
B	BURNER, COMBUSTION				
C	CYCLE	CONTROL		CONTROL	CLOSE
D		DIFFERENCE, DIFFERENTIAL			DEVIATION
E	VOLTAGE		SENSOR, PRIMARY ELEMENT		
F	FLOW, FLOW RATE	RATIO			
G	GAS (LEL)		GLASS, GAUGE, VIEWING DEVICE		
H	HAND			HAND	HIGH
I	CURRENT		INDICATE		
J	POWER		SCAN		
K	TIME, SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	MONITOR			MOTORIZED	MIDDLE, INTERMED
N					
O			ORIFICE, RESTRICTION		OPEN
P	PRESSURE		POINT(TESTCONNEC'N)	PNEUMATIC	
Q	QUANTITY	INTEGRATE, TOTALIZE	INTEGRATE TOTALIZE		
R	RADIATION		RECORD		RUN
S	SPEED, FREQUENCY	SAFETY		SWITCH, SOLENOID	STOP
T	TEMPERATURE			TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	
V	VIBRATION, MECHANICAL ANALYSIS, VACUUM			VALVE, DAMPER, LOUVER	
W	WEIGHT, FORCE		WELL, PROBE		
X	UNCLASSIFIED	X-AXIS	ACCESSORY DEVICES, UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT, STATE, PRESENCE	Y-AXIS		AUXILIARY DEVICES	
Z	POSITION, DIMENSION	Z-AXIS, SAFETY INSTRUMENTED SYSTEM		DRIVER, ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

- INDICATING INSTRUMENT
- DIGITAL INPUT TO CONTROL PANEL
- DIGITAL INPUT CAUSING ALARM
- DIGITAL INPUT CAUSING SYSTEM SHUTDOWN ALARM
- ANALOG INPUT TO CONTROL PANEL
- ANALOG OUTPUT FROM CONTROL PANEL

AS - AIR STRIPPER
BLD - BUILDING, TRAILER, OR SKID
FLT - FILTER VELLEL
LPC - LIQUID-PHASE CARBON VESSEL
MFD - MANIFOLD
OWS - OIL/WATER SEPARATOR
OX - OXIDIZER
PST - PRODUCT STORAGE TANK
SOS - SEAL OIL SEPARATOR
SWS - SEAL WATER SEPARATOR
TNK - TANK
VLS - VAPOR/LIQUID SEPARATOR
VPC - VAPOR-PHASE CARBON VESSEL

NOTES:

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LEVEL	REVISION	DATE (dd/mm/yy)	BY
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown
A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: LEGEND

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	4	4

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Laboratory Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/28/2025 9:23:38 AM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-227969-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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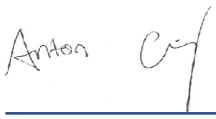

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Definitions/Glossary

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

Job ID: 480-227969-1

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.

GC Semi VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
b	Result Detected in the Unseeded Control blank (USB).
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

Job Narrative
480-227969-1

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 3/18/2025 3:02 PM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 12.0°C.

GC/MS VOA
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 (480-227969-1) and TRIP BLANK (480-227969-2) .

Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 03/18/2025 as requested by the client: BCC BSA SUMP (480-227969-1). 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 continuing calibration verification (CCV) associated with batch 480-741063 recovered above the upper control limit for 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 (480-227969-1) and TRIP BLANK (480-227969-2).

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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-741701 and analytical batch 480-741780 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 (MS/MSD) associated with preparation batch 480-741120.

Method 608.3_PCB_PREC: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-741120 and analytical batch 480-741256 recovered outside control limits for the following analytes: PCB-1016. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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: BCC BSA SUMP (480-227969-1). The sample(s) was preserved to the appropriate pH in the laboratory on 03-19-2025 at 0940. Second check 03-20-2025 at 1500.

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

Job ID: 480-227969-1 (Continued) Eurofins Buffalo

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 (480-227969-1).

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

Detection Summary

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

Job ID: 480-227969-1

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-227969-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.9	J	5.0	0.60	ug/L	1		624.1	Total/NA
Aniline	9.7	J	40	1.5	ug/L	1		625.1	Total/NA
Phenol	0.61	J	20	0.35	ug/L	1		625.1	Total/NA
Phenolics, Total Recoverable	0.077		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	9.2		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.2	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.4	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.30		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	6.3	b	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-227969-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-227969-1

Client Sample ID: BCC BSA SUMP
Date Collected: 03/18/25 11:15
Date Received: 03/18/25 15:02

Lab Sample ID: 480-227969-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/18/25 18:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/18/25 18:38	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/18/25 18:38	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/18/25 18:38	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/18/25 18:38	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/18/25 18:38	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/18/25 18:38	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/18/25 18:38	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/18/25 18:38	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/18/25 18:38	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/18/25 18:38	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/18/25 18:38	1
Acrolein	ND		100	17	ug/L			03/18/25 18:38	1
Acrylonitrile	ND		50	1.9	ug/L			03/18/25 18:38	1
Benzene	**3.9**	**J**	5.0	0.60	ug/L			03/18/25 18:38	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/18/25 18:38	1
Bromoform	ND		5.0	0.47	ug/L			03/18/25 18:38	1
Bromomethane	ND		5.0	1.2	ug/L			03/18/25 18:38	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/18/25 18:38	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/18/25 18:38	1
Chloroethane	ND		5.0	0.87	ug/L			03/18/25 18:38	1
Chloroform	ND		5.0	0.54	ug/L			03/18/25 18:38	1
Chloromethane	ND		5.0	0.64	ug/L			03/18/25 18:38	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/18/25 18:38	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/18/25 18:38	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/18/25 18:38	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/18/25 18:38	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/18/25 18:38	1
Toluene	ND		5.0	0.45	ug/L			03/18/25 18:38	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/18/25 18:38	1
Trichloroethene	ND		5.0	0.60	ug/L			03/18/25 18:38	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/18/25 18:38	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/18/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*68 - 130*		*03/18/25 18:38*	*1*
4-Bromofluorobenzene (Surr)	*112*		*76 - 123*		*03/18/25 18:38*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 123*		*03/18/25 18:38*	*1*
Toluene-d8 (Surr)	*114*		*77 - 120*		*03/18/25 18:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		03/25/25 13:40	03/26/25 13:41	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		03/25/25 13:40	03/26/25 13:41	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		03/25/25 13:40	03/26/25 13:41	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		03/25/25 13:40	03/26/25 13:41	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		03/25/25 13:40	03/26/25 13:41	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		03/25/25 13:40	03/26/25 13:41	1

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

Job ID: 480-227969-1

Client Sample ID: BCC BSA SUMP
Date Collected: 03/18/25 11:15
Date Received: 03/18/25 15:02

Lab Sample ID: 480-227969-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 13:41	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 13:41	1
2-Chloronaphthalene	ND		20	0.91	ug/L		03/25/25 13:40	03/26/25 13:41	1
2-Chlorophenol	ND		20	0.66	ug/L		03/25/25 13:40	03/26/25 13:41	1
2-Nitrophenol	ND		20	0.70	ug/L		03/25/25 13:40	03/26/25 13:41	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 13:41	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		03/25/25 13:40	03/26/25 13:41	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 13:41	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		03/25/25 13:40	03/26/25 13:41	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		03/25/25 13:40	03/26/25 13:41	1
4-Nitrophenol	ND		40	1.9	ug/L		03/25/25 13:40	03/26/25 13:41	1
Acenaphthene	ND		20	0.81	ug/L		03/25/25 13:40	03/26/25 13:41	1
Acenaphthylene	ND		20	0.87	ug/L		03/25/25 13:40	03/26/25 13:41	1
Aniline	**9.7**	**J**	40	1.5	ug/L		03/25/25 13:40	03/26/25 13:41	1
Anthracene	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 13:41	1
Benzidine	ND	*1	320	54	ug/L		03/25/25 13:40	03/26/25 13:41	1
Benzo[a]anthracene	ND		20	1.1	ug/L		03/25/25 13:40	03/26/25 13:41	1
Benzo[a]pyrene	ND		20	1.3	ug/L		03/25/25 13:40	03/26/25 13:41	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		03/25/25 13:40	03/26/25 13:41	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		03/25/25 13:40	03/26/25 13:41	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		03/25/25 13:40	03/26/25 13:41	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		03/25/25 13:40	03/26/25 13:41	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		03/25/25 13:40	03/26/25 13:41	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		03/25/25 13:40	03/26/25 13:41	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		03/25/25 13:40	03/26/25 13:41	1
Chrysene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		03/25/25 13:40	03/26/25 13:41	1
Diethyl phthalate	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
Dimethyl phthalate	ND		20	0.91	ug/L		03/25/25 13:40	03/26/25 13:41	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 13:41	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		03/25/25 13:40	03/26/25 13:41	1
Fluoranthene	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 13:41	1
Fluorene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
Hexachlorobenzene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
Hexachlorobutadiene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		03/25/25 13:40	03/26/25 13:41	1
Hexachloroethane	ND		20	0.60	ug/L		03/25/25 13:40	03/26/25 13:41	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		03/25/25 13:40	03/26/25 13:41	1
Isophorone	ND		20	0.74	ug/L		03/25/25 13:40	03/26/25 13:41	1
Naphthalene	ND		20	0.86	ug/L		03/25/25 13:40	03/26/25 13:41	1
Decane	ND		40	1.6	ug/L		03/25/25 13:40	03/26/25 13:41	1
Nitrobenzene	ND		20	0.81	ug/L		03/25/25 13:40	03/26/25 13:41	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		03/25/25 13:40	03/26/25 13:41	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		03/25/25 13:40	03/26/25 13:41	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		03/25/25 13:40	03/26/25 13:41	1
n-Octadecane	ND		40	1.2	ug/L		03/25/25 13:40	03/26/25 13:41	1
Pentachlorophenol	ND		40	3.2	ug/L		03/25/25 13:40	03/26/25 13:41	1
Phenanthrene	ND		20	1.2	ug/L		03/25/25 13:40	03/26/25 13:41	1

Client Sample ID: BCC BSA SUMP
Date Collected: 03/18/25 11:15
Date Received: 03/18/25 15:02

Lab Sample ID: 480-227969-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**0.61**	**J**	20	0.35	ug/L		03/25/25 13:40	03/26/25 13:41	1
Pyrene	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 13:41	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 151*	*03/25/25 13:40*	*03/26/25 13:41*	*1*
2-Fluorobiphenyl	*75*		*44 - 120*	*03/25/25 13:40*	*03/26/25 13:41*	*1*
2-Fluorophenol	*52*		*17 - 120*	*03/25/25 13:40*	*03/26/25 13:41*	*1*
Nitrobenzene-d5	*66*		*15 - 314*	*03/25/25 13:40*	*03/26/25 13:41*	*1*
Phenol-d5	*33*		*8 - 424*	*03/25/25 13:40*	*03/26/25 13:41*	*1*
p-Terphenyl-d14	*72*		*22 - 125*	*03/25/25 13:40*	*03/26/25 13:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*+	0.057	0.036	ug/L		03/19/25 06:48	03/20/25 14:05	1
PCB-1221	ND		0.057	0.036	ug/L		03/19/25 06:48	03/20/25 14:05	1
PCB-1232	ND		0.057	0.036	ug/L		03/19/25 06:48	03/20/25 14:05	1
PCB-1242	ND		0.057	0.036	ug/L		03/19/25 06:48	03/20/25 14:05	1
PCB-1248	ND		0.057	0.036	ug/L		03/19/25 06:48	03/20/25 14:05	1
PCB-1254	ND		0.057	0.030	ug/L		03/19/25 06:48	03/20/25 14:05	1
PCB-1260	ND		0.057	0.030	ug/L		03/19/25 06:48	03/20/25 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*		*10 - 120*	*03/19/25 06:48*	*03/20/25 14:05*	*1*
Tetrachloro-m-xylene	*82*		*10 - 126*	*03/19/25 06:48*	*03/20/25 14:05*	*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		03/21/25 08:22	03/21/25 16:39	1
Copper	ND		0.010	0.0045	mg/L		03/21/25 08:22	03/21/25 16:39	1
Lead	ND		0.010	0.0039	mg/L		03/21/25 08:22	03/21/25 16:39	1
Nickel	ND		0.010	0.0034	mg/L		03/21/25 08:22	03/21/25 16:39	1
Zinc	ND		0.010	0.0068	mg/L		03/21/25 08:22	03/21/25 16:39	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		03/21/25 10:27	03/21/25 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	**0.077**		0.010	0.0035	mg/L			03/19/25 06:11	1
Cyanide, Amenable (SM 4500 CN G)	ND		0.010	0.0050	mg/L			03/28/25 00:06	1
Phosphorus (SM 4500 P E)	**0.30**		0.010	0.0050	mg/L as P			03/19/25 19:39	1
Biochemical Oxygen Demand (SM 5210B)	**6.3**	**b**	2.0	2.0	mg/L			03/19/25 08:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	**9.2**		4.0	4.0	mg/L			03/20/25 10:04	1
pH (SM 4500 H+ B)	**8.2**	**HF**	0.1	0.1	SU			03/19/25 13:33	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**	0.001	0.001	Degrees C			03/19/25 13:33	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-227969-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-227969-2

Date Collected: 03/18/25 11:15
Matrix: Water
Date Received: 03/18/25 15:02

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/18/25 19:02	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/18/25 19:02	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/18/25 19:02	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/18/25 19:02	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/18/25 19:02	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/18/25 19:02	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/18/25 19:02	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/18/25 19:02	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/18/25 19:02	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/18/25 19:02	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/18/25 19:02	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/18/25 19:02	1
Acrolein	ND		100	17	ug/L			03/18/25 19:02	1
Acrylonitrile	ND		100	1.9	ug/L			03/18/25 19:02	1
Benzene	ND		5.0	0.60	ug/L			03/18/25 19:02	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/18/25 19:02	1
Bromoform	ND		5.0	0.47	ug/L			03/18/25 19:02	1
Bromomethane	ND		5.0	1.2	ug/L			03/18/25 19:02	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/18/25 19:02	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/18/25 19:02	1
Chloroethane	ND		5.0	0.87	ug/L			03/18/25 19:02	1
Chloroform	ND		5.0	0.54	ug/L			03/18/25 19:02	1
Chloromethane	ND		5.0	0.64	ug/L			03/18/25 19:02	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/18/25 19:02	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/18/25 19:02	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/18/25 19:02	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/18/25 19:02	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/18/25 19:02	1
Toluene	ND		5.0	0.45	ug/L			03/18/25 19:02	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/18/25 19:02	1
Trichloroethene	ND		5.0	0.60	ug/L			03/18/25 19:02	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/18/25 19:02	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/18/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*68 - 130*		*03/18/25 19:02*	*1*
4-Bromofluorobenzene (Surr)	*113*		*76 - 123*		*03/18/25 19:02*	*1*
Dibromofluoromethane (Surr)	*116*		*75 - 123*		*03/18/25 19:02*	*1*
Toluene-d8 (Surr)	*114*		*77 - 120*		*03/18/25 19:02*	*1*

Surrogate Summary

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

Job ID: 480-227969-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-227969-1	BCC BSA SUMP	116	112	114	114
480-227969-2	TRIP BLANK	111	113	116	114
LCS 480-741063/6	Lab Control Sample	124	117	119	119
MB 480-741063/8	Method Blank	119	115	118	118

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)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(8-424)	(22-125)
480-227969-1	BCC BSA SUMP	87	75	52	66	33	72
LCS 480-741701/2-A	Lab Control Sample	87	79	58	75	41	94
LCSD 480-741701/3-A	Lab Control Sample Dup	92	82	59	77	44	94
MB 480-741701/1-A	Method Blank	54	55	42	50	27	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)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(10-120)	(10-126)
480-227969-1	BCC BSA SUMP	33	82
LCS 480-741120/2-A	Lab Control Sample	97	93
LCSD 480-741120/3-A	Lab Control Sample Dup	100	88
MB 480-741120/1-A	Method Blank	103	85

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-741063/8
Matrix: Water
Analysis Batch: 741063

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/18/25 13:57	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			03/18/25 13:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/18/25 13:57	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/18/25 13:57	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			03/18/25 13:57	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			03/18/25 13:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/18/25 13:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/18/25 13:57	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			03/18/25 13:57	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			03/18/25 13:57	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			03/18/25 13:57	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			03/18/25 13:57	1
Acrolein	ND		100	17	ug/L			03/18/25 13:57	1
Acrylonitrile	ND		50	1.9	ug/L			03/18/25 13:57	1
Benzene	ND		5.0	0.60	ug/L			03/18/25 13:57	1
Bromodichloromethane	ND		5.0	0.54	ug/L			03/18/25 13:57	1
Bromoform	ND		5.0	0.47	ug/L			03/18/25 13:57	1
Bromomethane	ND		5.0	1.2	ug/L			03/18/25 13:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/18/25 13:57	1
Chlorobenzene	ND		5.0	0.48	ug/L			03/18/25 13:57	1
Chloroethane	ND		5.0	0.87	ug/L			03/18/25 13:57	1
Chloroform	ND		5.0	0.54	ug/L			03/18/25 13:57	1
Chloromethane	ND		5.0	0.64	ug/L			03/18/25 13:57	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			03/18/25 13:57	1
Dibromochloromethane	ND		5.0	0.41	ug/L			03/18/25 13:57	1
Ethylbenzene	ND		5.0	0.46	ug/L			03/18/25 13:57	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/18/25 13:57	1
Tetrachloroethene	ND		5.0	0.34	ug/L			03/18/25 13:57	1
Toluene	ND		5.0	0.45	ug/L			03/18/25 13:57	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			03/18/25 13:57	1
Trichloroethene	ND		5.0	0.60	ug/L			03/18/25 13:57	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			03/18/25 13:57	1
Vinyl chloride	ND		5.0	0.75	ug/L			03/18/25 13:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*68 - 130*		*03/18/25 13:57*	*1*
4-Bromofluorobenzene (Surr)	*115*		*76 - 123*		*03/18/25 13:57*	*1*
Dibromofluoromethane (Surr)	*118*		*75 - 123*		*03/18/25 13:57*	*1*
Toluene-d8 (Surr)	*118*		*77 - 120*		*03/18/25 13:57*	*1*

Lab Sample ID: LCS 480-741063/6
Matrix: Water
Analysis Batch: 741063

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	24.3		ug/L		121	52 - 162
1,1,2,2-Tetrachloroethane	20.0	22.7		ug/L		114	46 - 157
1,1,2-Trichloroethane	20.0	23.8		ug/L		119	52 - 150

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

Lab Sample ID: LCS 480-741063/6
Matrix: Water
Analysis Batch: 741063

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	23.4		ug/L		117	59 - 155
1,1-Dichloroethene	20.0	23.9		ug/L		120	1 - 234
1,2-Dichlorobenzene	20.0	23.5		ug/L		118	18 - 190
1,2-Dichloroethane	20.0	23.2		ug/L		116	49 - 155
1,2-Dichloropropane	20.0	23.8		ug/L		119	1 - 210
1,3-Dichlorobenzene	20.0	23.9		ug/L		120	59 - 156
1,4-Dichlorobenzene	20.0	24.0		ug/L		120	18 - 190
2-Chloroethyl vinyl ether	20.0	23.1	J	ug/L		115	1 - 305
Acrolein	100	92.5	J	ug/L		92	10 - 176
Acrylonitrile	200	216		ug/L		108	54 - 147
Benzene	20.0	23.9		ug/L		120	37 - 151
Bromodichloromethane	20.0	24.9		ug/L		124	35 - 155
Bromoform	20.0	29.7		ug/L		148	45 - 169
Bromomethane	20.0	29.5		ug/L		148	1 - 242
Carbon tetrachloride	20.0	24.1		ug/L		121	70 - 140
Chlorobenzene	20.0	23.6		ug/L		118	37 - 160
Chloroethane	20.0	26.8		ug/L		134	14 - 230
Chloroform	20.0	23.5		ug/L		117	51 - 138
Chloromethane	20.0	31.6		ug/L		158	1 - 273
cis-1,3-Dichloropropene	20.0	23.7		ug/L		119	1 - 227
Dibromochloromethane	20.0	27.0		ug/L		135	53 - 149
Ethylbenzene	20.0	23.6		ug/L		118	37 - 162
Methylene Chloride	20.0	24.5		ug/L		123	1 - 221
Tetrachloroethene	20.0	24.4		ug/L		122	64 - 148
Toluene	20.0	23.2		ug/L		116	47 - 150
trans-1,3-Dichloropropene	20.0	23.3		ug/L		117	17 - 183
Trichloroethene	20.0	23.6		ug/L		118	71 - 157
Trichlorofluoromethane	20.0	26.7		ug/L		133	17 - 181
Vinyl chloride	20.0	28.2		ug/L		141	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*124*		*68 - 130*
4-Bromofluorobenzene (Surr)	*117*		*76 - 123*
Dibromofluoromethane (Surr)	*119*		*75 - 123*
Toluene-d8 (Surr)	*119*		*77 - 120*

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

Lab Sample ID: MB 480-741701/1-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		03/25/25 13:40	03/26/25 12:20	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		03/25/25 13:40	03/26/25 12:20	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		03/25/25 13:40	03/26/25 12:20	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		03/25/25 13:40	03/26/25 12:20	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		03/25/25 13:40	03/26/25 12:20	1

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

Lab Sample ID: MB 480-741701/1-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		03/25/25 13:40	03/26/25 12:20	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 12:20	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 12:20	1
2-Chloronaphthalene	ND		20	0.91	ug/L		03/25/25 13:40	03/26/25 12:20	1
2-Chlorophenol	ND		20	0.66	ug/L		03/25/25 13:40	03/26/25 12:20	1
2-Nitrophenol	ND		20	0.70	ug/L		03/25/25 13:40	03/26/25 12:20	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 12:20	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		03/25/25 13:40	03/26/25 12:20	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 12:20	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		03/25/25 13:40	03/26/25 12:20	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		03/25/25 13:40	03/26/25 12:20	1
4-Nitrophenol	ND		40	1.9	ug/L		03/25/25 13:40	03/26/25 12:20	1
Acenaphthene	ND		20	0.81	ug/L		03/25/25 13:40	03/26/25 12:20	1
Acenaphthylene	ND		20	0.87	ug/L		03/25/25 13:40	03/26/25 12:20	1
Aniline	ND		40	1.5	ug/L		03/25/25 13:40	03/26/25 12:20	1
Anthracene	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 12:20	1
Benzidine	ND		320	54	ug/L		03/25/25 13:40	03/26/25 12:20	1
Benzo[a]anthracene	ND		20	1.1	ug/L		03/25/25 13:40	03/26/25 12:20	1
Benzo[a]pyrene	ND		20	1.3	ug/L		03/25/25 13:40	03/26/25 12:20	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		03/25/25 13:40	03/26/25 12:20	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		03/25/25 13:40	03/26/25 12:20	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		03/25/25 13:40	03/26/25 12:20	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		03/25/25 13:40	03/26/25 12:20	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		03/25/25 13:40	03/26/25 12:20	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		03/25/25 13:40	03/26/25 12:20	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		03/25/25 13:40	03/26/25 12:20	1
Chrysene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		03/25/25 13:40	03/26/25 12:20	1
Diethyl phthalate	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
Dimethyl phthalate	ND		20	0.91	ug/L		03/25/25 13:40	03/26/25 12:20	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 12:20	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		03/25/25 13:40	03/26/25 12:20	1
Fluoranthene	ND		20	1.6	ug/L		03/25/25 13:40	03/26/25 12:20	1
Fluorene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
Hexachlorobenzene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
Hexachlorobutadiene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		03/25/25 13:40	03/26/25 12:20	1
Hexachloroethane	ND		20	0.60	ug/L		03/25/25 13:40	03/26/25 12:20	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		03/25/25 13:40	03/26/25 12:20	1
Isophorone	ND		20	0.74	ug/L		03/25/25 13:40	03/26/25 12:20	1
Naphthalene	ND		20	0.86	ug/L		03/25/25 13:40	03/26/25 12:20	1
Decane	ND		40	1.6	ug/L		03/25/25 13:40	03/26/25 12:20	1
Nitrobenzene	ND		20	0.81	ug/L		03/25/25 13:40	03/26/25 12:20	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		03/25/25 13:40	03/26/25 12:20	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		03/25/25 13:40	03/26/25 12:20	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		03/25/25 13:40	03/26/25 12:20	1
n-Octadecane	ND		40	1.2	ug/L		03/25/25 13:40	03/26/25 12:20	1

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

Lab Sample ID: MB 480-741701/1-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		03/25/25 13:40	03/26/25 12:20	1
Phenanthrene	ND		20	1.2	ug/L		03/25/25 13:40	03/26/25 12:20	1
Phenol	ND		20	0.35	ug/L		03/25/25 13:40	03/26/25 12:20	1
Pyrene	ND		20	1.4	ug/L		03/25/25 13:40	03/26/25 12:20	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		03/25/25 13:40	03/26/25 12:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*54*		*52 - 151*	*03/25/25 13:40*	*03/26/25 12:20*	*1*
2-Fluorobiphenyl	*55*		*44 - 120*	*03/25/25 13:40*	*03/26/25 12:20*	*1*
2-Fluorophenol	*42*		*17 - 120*	*03/25/25 13:40*	*03/26/25 12:20*	*1*
Nitrobenzene-d5	*50*		*15 - 314*	*03/25/25 13:40*	*03/26/25 12:20*	*1*
Phenol-d5	*27*		*8 - 424*	*03/25/25 13:40*	*03/26/25 12:20*	*1*
p-Terphenyl-d14	*83*		*22 - 125*	*03/25/25 13:40*	*03/26/25 12:20*	*1*

Lab Sample ID: LCS 480-741701/2-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	21.6	J	ug/L		67	44 - 142
1,2-Dichlorobenzene	32.0	22.9	J	ug/L		72	32 - 129
1,3-Dichlorobenzene	32.0	22.2	J	ug/L		69	1 - 172
1,4-Dichlorobenzene	32.0	22.4	J	ug/L		70	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	24.1		ug/L		75	36 - 166
2,4,6-Trichlorophenol	32.0	28.5		ug/L		89	37 - 144
2,4-Dichlorophenol	32.0	24.8		ug/L		78	39 - 135
2,4-Dimethylphenol	32.0	25.4		ug/L		80	32 - 120
2,4-Dinitrophenol	64.0	61.2		ug/L		96	1 - 191
2,4-Dinitrotoluene	32.0	30.7		ug/L		96	39 - 139
2-Chloronaphthalene	32.0	24.3		ug/L		76	60 - 120
2-Chlorophenol	32.0	23.3		ug/L		73	23 - 134
2-Nitrophenol	32.0	25.8		ug/L		80	29 - 182
3,3'-Dichlorobenzidine	32.0	28.8		ug/L		90	1 - 262
4,6-Dinitro-2-methylphenol	64.0	62.0		ug/L		97	1 - 181
4-Bromophenyl phenyl ether	32.0	27.5		ug/L		86	53 - 127
4-Chloro-3-methylphenol	32.0	26.5		ug/L		83	22 - 147
4-Chlorophenyl phenyl ether	32.0	27.3		ug/L		85	25 - 158
4-Nitrophenol	64.0	44.6		ug/L		70	1 - 132
Acenaphthene	32.0	27.8		ug/L		87	47 - 145
Acenaphthylene	32.0	26.6		ug/L		83	33 - 145
Aniline	32.0	16.9	J	ug/L		53	40 - 120
Anthracene	32.0	34.0		ug/L		106	27 - 133
Benzo[a]anthracene	32.0	32.8		ug/L		103	33 - 143
Benzo[a]pyrene	32.0	31.6		ug/L		99	17 - 163
Benzo[b]fluoranthene	32.0	35.0		ug/L		109	24 - 159
Benzo[g,h,i]perylene	32.0	32.1		ug/L		100	1 - 219
Benzo[k]fluoranthene	32.0	33.2		ug/L		104	11 - 162
Bis(2-chloroethoxy)methane	32.0	25.7		ug/L		80	33 - 184

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

Lab Sample ID: LCS 480-741701/2-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	26.3		ug/L		82	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	30.9	J	ug/L		97	8 - 158
Butyl benzyl phthalate	32.0	31.9		ug/L		100	1 - 152
Chrysene	32.0	33.6		ug/L		105	17 - 168
Dibenz(a,h)anthracene	32.0	34.5		ug/L		108	1 - 227
Diethyl phthalate	32.0	31.6		ug/L		99	1 - 120
Dimethyl phthalate	32.0	30.2		ug/L		94	1 - 120
Di-n-butyl phthalate	32.0	32.5		ug/L		102	1 - 120
Di-n-octyl phthalate	32.0	31.3		ug/L		98	4 - 146
Fluoranthene	32.0	33.4		ug/L		104	26 - 137
Fluorene	32.0	31.1		ug/L		97	59 - 121
Hexachlorobenzene	32.0	30.0		ug/L		94	1 - 152
Hexachlorocyclopentadiene	32.0	13.1	J	ug/L		41	5 - 120
Hexachloroethane	32.0	19.2	J	ug/L		60	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.3		ug/L		107	1 - 171
Isophorone	32.0	26.5		ug/L		83	21 - 196
Naphthalene	32.0	24.7		ug/L		77	21 - 133
Nitrobenzene	32.0	24.7		ug/L		77	35 - 180
N-Nitrosodi-n-propylamine	32.0	25.6		ug/L		80	1 - 230
N-Nitrosodiphenylamine	32.0	30.2		ug/L		94	54 - 125
Pentachlorophenol	64.0	63.0		ug/L		98	14 - 176
Phenanthrene	32.0	32.8		ug/L		102	54 - 120
Phenol	32.0	13.6	J	ug/L		42	5 - 120
Pyrene	32.0	32.8		ug/L		102	52 - 120
2,6-Dinitrotoluene	32.0	29.8		ug/L		93	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*87*		*52 - 151*
2-Fluorobiphenyl	*79*		*44 - 120*
2-Fluorophenol	*58*		*17 - 120*
Nitrobenzene-d5	*75*		*15 - 314*
Phenol-d5	*41*		*8 - 424*
p-Terphenyl-d14	*94*		*22 - 125*

Lab Sample ID: LCSD 480-741701/3-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 741701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	22.6	J	ug/L		70	44 - 142	4	34
1,2-Dichlorobenzene	32.0	22.9	J	ug/L		72	32 - 129	0	38
1,3-Dichlorobenzene	32.0	22.6	J	ug/L		71	1 - 172	2	37
1,4-Dichlorobenzene	32.0	22.5	J	ug/L		70	20 - 124	1	40
2,2'-oxybis[1-chloropropane]	32.0	24.2		ug/L		76	36 - 166	0	36
2,4,6-Trichlorophenol	32.0	30.2		ug/L		94	37 - 144	6	20
2,4-Dichlorophenol	32.0	26.5		ug/L		83	39 - 135	6	23
2,4-Dimethylphenol	32.0	26.6		ug/L		83	32 - 120	4	18
2,4-Dinitrophenol	64.0	64.8		ug/L		101	1 - 191	6	29

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

Lab Sample ID: LCSD 480-741701/3-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 741701

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene			32.0	31.3		ug/L		98	39 - 139	2	20
2-Chloronaphthalene			32.0	25.6		ug/L		80	60 - 120	5	30
2-Chlorophenol			32.0	23.8		ug/L		74	23 - 134	2	26
2-Nitrophenol			32.0	26.3		ug/L		82	29 - 182	2	28
3,3'-Dichlorobenzidine			32.0	28.1		ug/L		88	1 - 262	2	31
4,6-Dinitro-2-methylphenol			64.0	63.2		ug/L		99	1 - 181	2	30
4-Bromophenyl phenyl ether			32.0	29.1		ug/L		91	53 - 127	5	16
4-Chloro-3-methylphenol			32.0	28.3		ug/L		88	22 - 147	7	16
4-Chlorophenyl phenyl ether			32.0	28.4		ug/L		89	25 - 158	4	15
4-Nitrophenol			64.0	39.6	J	ug/L		62	1 - 132	12	24
Acenaphthene			32.0	29.8		ug/L		93	47 - 145	7	25
Acenaphthylene			32.0	28.6		ug/L		89	33 - 145	7	22
Aniline			32.0	17.0	J	ug/L		53	40 - 120	1	30
Anthracene			32.0	34.7		ug/L		109	27 - 133	2	15
Benzo[a]anthracene			32.0	33.0		ug/L		103	33 - 143	1	15
Benzo[a]pyrene			32.0	32.3		ug/L		101	17 - 163	2	15
Benzo[b]fluoranthene			32.0	36.1		ug/L		113	24 - 159	3	17
Benzo[g,h,i]perylene			32.0	31.9		ug/L		100	1 - 219	1	19
Benzo[k]fluoranthene			32.0	36.0		ug/L		112	11 - 162	8	19
Bis(2-chloroethoxy)methane			32.0	27.0		ug/L		84	33 - 184	5	23
Bis(2-chloroethyl)ether			32.0	27.3		ug/L		85	12 - 158	3	33
Bis(2-ethylhexyl) phthalate			32.0	31.5	J	ug/L		98	8 - 158	2	15
Butyl benzyl phthalate			32.0	32.1		ug/L		100	1 - 152	1	15
Chrysene			32.0	33.1		ug/L		103	17 - 168	1	15
Dibenz(a,h)anthracene			32.0	34.8		ug/L		109	1 - 227	1	18
Diethyl phthalate			32.0	33.0		ug/L		103	1 - 120	4	15
Dimethyl phthalate			32.0	31.5		ug/L		99	1 - 120	4	15
Di-n-butyl phthalate			32.0	33.7		ug/L		105	1 - 120	4	15
Di-n-octyl phthalate			32.0	31.6		ug/L		99	4 - 146	1	15
Fluoranthene			32.0	34.6		ug/L		108	26 - 137	3	15
Fluorene			32.0	33.4		ug/L		104	59 - 121	7	18
Hexachlorobenzene			32.0	31.3		ug/L		98	1 - 152	4	15
Hexachlorocyclopentadiene			32.0	14.7	J	ug/L		46	5 - 120	11	50
Hexachloroethane			32.0	19.6	J	ug/L		61	40 - 120	2	43
Indeno[1,2,3-cd]pyrene			32.0	34.6		ug/L		108	1 - 171	1	17
Isophorone			32.0	27.7		ug/L		86	21 - 196	4	21
Naphthalene			32.0	25.7		ug/L		80	21 - 133	4	31
Nitrobenzene			32.0	25.0		ug/L		78	35 - 180	1	27
N-Nitrosodi-n-propylamine			32.0	26.3		ug/L		82	1 - 230	3	23
N-Nitrosodiphenylamine			32.0	32.0		ug/L		100	54 - 125	6	15
Pentachlorophenol			64.0	63.7		ug/L		100	14 - 176	1	21
Phenanthrene			32.0	33.6		ug/L		105	54 - 120	3	16
Phenol			32.0	14.6	J	ug/L		45	5 - 120	7	36
Pyrene			32.0	33.3		ug/L		104	52 - 120	2	15
2,6-Dinitrotoluene			32.0	31.1		ug/L		97	50 - 158	4	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*92*		*52 - 151*

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

Lab Sample ID: LCSD 480-741701/3-A
Matrix: Water
Analysis Batch: 741780

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 741701

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	82		44 - 120
2-Fluorophenol	59		17 - 120
Nitrobenzene-d5	77		15 - 314
Phenol-d5	44		8 - 424
p-Terphenyl-d14	94		22 - 125

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

Lab Sample ID: MB 480-741120/1-A
Matrix: Water
Analysis Batch: 741256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741120

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		03/19/25 06:48	03/20/25 11:57	1
PCB-1221	ND		0.060	0.038	ug/L		03/19/25 06:48	03/20/25 11:57	1
PCB-1232	ND		0.060	0.038	ug/L		03/19/25 06:48	03/20/25 11:57	1
PCB-1242	ND		0.060	0.038	ug/L		03/19/25 06:48	03/20/25 11:57	1
PCB-1248	ND		0.060	0.038	ug/L		03/19/25 06:48	03/20/25 11:57	1
PCB-1254	ND		0.060	0.031	ug/L		03/19/25 06:48	03/20/25 11:57	1
PCB-1260	ND		0.060	0.031	ug/L		03/19/25 06:48	03/20/25 11:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		10 - 120	03/19/25 06:48	03/20/25 11:57	1
Tetrachloro-m-xylene	85		10 - 126	03/19/25 06:48	03/20/25 11:57	1

Lab Sample ID: LCS 480-741120/2-A
Matrix: Water
Analysis Batch: 741256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741120

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.18		ug/L		118	69 - 123		
PCB-1260			1.00	1.09		ug/L		109	69 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	97		10 - 120
Tetrachloro-m-xylene	93		10 - 126

Lab Sample ID: LCSD 480-741120/3-A
Matrix: Water
Analysis Batch: 741256

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 741120

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.24	*+	ug/L		124	69 - 123	4	30
PCB-1260			1.00	1.18		ug/L		118	69 - 120	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	100		10 - 120
Tetrachloro-m-xylene	88		10 - 126

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-741344/1-A
Matrix: Water
Analysis Batch: 741536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.00258	J	0.0040	0.0024	mg/L		03/21/25 08:22	03/21/25 16:35	1
Copper	ND		0.010	0.0045	mg/L		03/21/25 08:22	03/21/25 16:35	1
Lead	ND		0.010	0.0039	mg/L		03/21/25 08:22	03/21/25 16:35	1
Nickel	ND		0.010	0.0034	mg/L		03/21/25 08:22	03/21/25 16:35	1
Zinc	ND		0.010	0.0068	mg/L		03/21/25 08:22	03/21/25 16:35	1

Lab Sample ID: LCS 480-741344/2-A
Matrix: Water
Analysis Batch: 741536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.489		mg/L		98	85 - 115
Copper	0.500	0.455		mg/L		91	85 - 115
Lead	0.500	0.485		mg/L		97	85 - 115
Nickel	0.500	0.487		mg/L		97	85 - 115
Zinc	0.500	0.477		mg/L		95	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-741339/1-A
Matrix: Water
Analysis Batch: 741474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/21/25 10:27	03/21/25 14:06	1

Lab Sample ID: LCS 480-741339/2-A
Matrix: Water
Analysis Batch: 741474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00592		mg/L		88	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-741207/131
Matrix: Water
Analysis Batch: 741207

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			03/19/25 04:52	1

Lab Sample ID: LCS 480-741207/132
Matrix: Water
Analysis Batch: 741207

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		mg/L		99	90 - 110

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

Lab Sample ID: MB 480-741289/1
Matrix: Water
Analysis Batch: 741289

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			03/20/25 10:04	1

Lab Sample ID: LCS 480-741289/2
Matrix: Water
Analysis Batch: 741289

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			266	265.2		mg/L		100	88 - 110		

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-741227/1
Matrix: Water
Analysis Batch: 741227

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 480-741237/3
Matrix: Water
Analysis Batch: 741237

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			03/19/25 19:39	1

Lab Sample ID: LCS 480-741237/4
Matrix: Water
Analysis Batch: 741237

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phosphorus			0.200	0.183		mg/L as P		91	90 - 110		

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-741169/1
Matrix: Water
Analysis Batch: 741169

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			03/19/25 08:59	1

Lab Sample ID: LCS 480-741169/2
Matrix: Water
Analysis Batch: 741169

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	172.6		mg/L		87	85 - 115		

QC Association Summary

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

Job ID: 480-227969-1

GC/MS VOA

Analysis Batch: 741063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-227969-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-741063/8	Method Blank	Total/NA	Water	624.1	
LCS 480-741063/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 741701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-741701/1-A	Method Blank	Total/NA	Water	625	
LCS 480-741701/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-741701/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 741780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	625.1	741701
MB 480-741701/1-A	Method Blank	Total/NA	Water	625.1	741701
LCS 480-741701/2-A	Lab Control Sample	Total/NA	Water	625.1	741701
LCSD 480-741701/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	741701

GC Semi VOA

Prep Batch: 741120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-741120/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-741120/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-741120/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 741256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	608.3	741120
MB 480-741120/1-A	Method Blank	Total/NA	Water	608.3	741120
LCS 480-741120/2-A	Lab Control Sample	Total/NA	Water	608.3	741120
LCSD 480-741120/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	741120

Metals

Prep Batch: 741339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-741339/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-741339/2-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 741344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-741344/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-741344/2-A	Lab Control Sample	Total/NA	Water	200.7	

Metals

Analysis Batch: 741474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	245.1	741339
MB 480-741339/1-A	Method Blank	Total/NA	Water	245.1	741339
LCS 480-741339/2-A	Lab Control Sample	Total/NA	Water	245.1	741339

Analysis Batch: 741536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	741344
MB 480-741344/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	741344
LCS 480-741344/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	741344

General Chemistry

Analysis Batch: 741169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-741169/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-741169/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 741207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-741207/131	Method Blank	Total/NA	Water	420.4	
LCS 480-741207/132	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 741227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-741227/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 741237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-741237/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-741237/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 741289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-741289/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-741289/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 741992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227969-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-227969-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-227969-1
Date Collected: 03/18/25 11:15
Matrix: Water
Date Received: 03/18/25 15:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	741063	AXK	EET BUF	03/18/25 18:38
Total/NA	Prep	625			741701	LSC	EET BUF	03/25/25 13:40
Total/NA	Analysis	625.1		1	741780	JMM	EET BUF	03/26/25 13:41
Total/NA	Prep	3510C			741120	DP	EET BUF	03/19/25 06:48
Total/NA	Analysis	608.3		1	741256	H9RU	EET BUF	03/20/25 14:05
Total/NA	Prep	200.7			741344	EMO	EET BUF	03/21/25 08:22
Total/NA	Analysis	200.7 Rev 4.4		1	741536	BMB	EET BUF	03/21/25 16:39
Total/NA	Prep	245.1			741339	ESB	EET BUF	03/21/25 10:27
Total/NA	Analysis	245.1		1	741474	ESB	EET BUF	03/21/25 14:39
Total/NA	Analysis	420.4		1	741207	GW	EET BUF	03/19/25 06:11
Total/NA	Analysis	SM 2540D		1	741289	ET	EET BUF	03/20/25 10:04
Total/NA	Analysis	SM 4500 CN G		1	741992	JJP	EET BUF	03/28/25 00:06
Total/NA	Analysis	SM 4500 H+ B		1	741227	IMZ	EET BUF	03/19/25 13:33
Total/NA	Analysis	SM 4500 P E		1	741237	GW	EET BUF	03/19/25 19:39
Total/NA	Analysis	SM 5210B		1	741169	CG	EET BUF	03/19/25 08:59

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-227969-2
Date Collected: 03/18/25 11:15
Matrix: Water
Date Received: 03/18/25 15:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	741063	AXK	EET BUF	03/18/25 19:02

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-227969-1
Project/Site: Quarterly BSA SUMP

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
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: 480-227969-1

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: 480-227969-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-227969-1	BCC BSA SUMP	Water	03/18/25 11:15	03/18/25 15:02
480-227969-2	TRIP BLANK	Water	03/18/25 11:15	03/18/25 15:02

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-227969-1
Project/Site: Quarterly BSA SUMP

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

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

Chain of Custody Record

eurofins | Environment Testing

BSA SUMP

Client Information	Sampler: Taylor Kunzelmann	Lab PM: Schove, John R	Carrier Tracking No(s): OSC	COC No: 480-202098-6057.1
Client Contact: Kirsten Colligan	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:			Job #: 16011
Address: 140 Lee St.	Due Date Requested: Standard.			
City: Buffalo	TAT Requested (days): 2 weeks			
State, Zip: NY, 14210	Compliance Project: ☒ Yes △ No			
Phone: 716-856-3333	PO #: ~~67613~~ 67629			
Email: kcolligan@oscinc.com	WO #:			
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu	Project #: 48003159			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
S - H2SO4
D - HNO3
N - None
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	4500_P_E - Phosphorus	200.7, 245.1	420.4_NP - 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:
			Preservation Code:				S	D	S	N	N	N	N	N	B	N		
BCC BSA SUMP	3-18-25	11:15	G	Water			1	1	1	8	2	1	1	1	1	1		
Trip Blank		11:15	C	Water						2								

480-227969 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Taylor Kunzelmann	3-18-25 1510	OSC		3/18/25 1502	TAB
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes △ No | Custody Seal No.: 2661774

Cooler Temperature(s) °C and Other Remarks: 12.0 IR #SC Ice

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-227969-1

Login Number: 227969
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	12.0 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 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.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

July 31, 2025

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 #25-01-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, 2025. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #25-01-BU109.

Included with the report are:

Operation log sheets;
A copy of the current BSA discharge permit;
Process & Instrumentation Diagram
DRAFT Conveyance Layout
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. #25-01-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: April 1, 2025 through June 30, 2025

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 conveyance to the treatment system 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-4A, EW-6, EW-7 and EW-8 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:

April 2025	453,000 gallons
May 2025	755,000 gallons
June 2025	620,000 gallons

Total 1st Quarter Discharge 1,828,000 gallons

Estimated Area D contribution this period:
2,983 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.	25-01-BU109	Effective January 1, 2025	Year: 2025	Event Group: SUMP
Sample Date:	5/27/2025		Month: MAY	Lab Job ID: J229709-1
Sample Location:	Onsite Pump Station to BSA			

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	7.9	0.100	SU	7.90	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	9.1	2.0	mg/L	9.1	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.013	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.013	Yes
Total Chromium	7440-47-3	ND	0.0040	mg/L	ND	lbs/day	0.83	lbs/day	Yes	40	ND	Yes
Total Copper	7440-50-8	0.12	0.010	mg/L	0.020	lbs/day	0.67	lbs/day	Yes	16	0.1200	Yes
Lead	7439-92-1	ND	0.0050	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	ND	0.010	mg/L	ND	lbs/day	1.17	lbs/day	Yes	14	ND	Yes
Zinc	7440-66-6	ND	0.010	mg/L	ND	lbs/day	2.046	lbs/day	Yes	25	ND	Yes
Amendable Cyanide	CAN	0.04	0.010	mg/L	0.007	lbs/day	2.59	lbs/day	Yes	6.2	0.040	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	1.8	40	ug/L	0.0003	lbs/day	50	lbs/day	Yes	0.125	0.0018	Yes
Benzene	71-43-2	ND	5	ug/L	ND	lbs/day	0.059	lbs/day	Yes	0.142	ND	Yes
Chlorobenzene	108-90-7	ND	5	ug/L	ND	lbs/day	0.129	lbs/day	Yes	0.31	ND	Yes
1,2-Dichlorobenzene	95-50-1	ND	5	ug/L	ND	lbs/day	0.197	lbs/day	Yes	0.472	ND	Yes
Fluoranthene	206-44-0	ND	20	ug/L	ND	lbs/day	0.0417	lbs/day	Yes	0.1	ND	Yes
Acenaphthylene	208-96-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Naphthalene	91-20-3	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Anthracene	120-12-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Fluorene	86-73-7	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Phenanthrene	85-01-8	ND	20	ug/L	ND	lbs/day	0.131	lbs/day	Yes	0.314	ND	Yes
Max Individual Purgeables*	Max Method_E624	1.8	25	ug/L	0.002	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	3	0.010	mg/L	3.000	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	13.95	-	gpm	20,088	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	3,512,000	3/31/2025
Final Reading	5,340,000	6/30/2025
Total Days in Period	91	
Total Flow for Period	**1,828,000**	gallons
Average Flow for Period	**13.95**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

February 12, 2025

Ms. Kirsten Colligan
Project Manager
140 Lee Street
Buffalo, New York 14210

RE: **B.P.D.E.S. Permit #25-01-BU109**

Dear Ms. Colligan:

Enclosed is your new BPDES Permit #25-01-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

Elizabeth Scheeler
Industrial Waste Administrator

AUTHORIZATION TO DISCHARGE UNDER BUFFALO

POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NUMBER: 25-01-BU109

USEPA Category: 40 CFR 403

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

South Buffalo Development, LLC

To discharge wastewater from a facility located at:

Areas A & D from the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, NY 14210

To the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on June 15, 2024, and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Part I and II hereof.

Effective this 1st day of January, 2025

To Expire the 31st day of December, 2027

Principal Sanitary Engineer
General Manager, Buffalo Sewer Authority

Issued this 10th day of February, 2025

PART 1: 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 outfall(s) (see attached map) shall be limited and monitored **quarterly** by the permittee as specified below:

Sampling for the pollutants below will be conducted at Sample 001.

Sample Point 001 is located — Flow Proportional Grab Samples from the Two Spigots Post Filtration from the Pre-Treatment Systems Contained Inside the On-site Trailer

Sample Point 001: Footnotes found on page 4 & 5

Regulation		Discharge Limit	Discharge Limit	Discharge limit	Discharge Limit	M.A.I.D (1)	Sampling Requirement	Sampling Requirement
40 CFR	Parameter	Daily	Daily	Monthly	Monthly		Time Period	Type(2)
		Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)		
403	Total Phenol		2.00			20.0	1 Day	Composite
403	Total Chromium (5)		1.00			40.0	1 Day	Composite
403	Total Copper(5)		0.80			16.0	1 Day	Composite
403	Total Lead(5)		0.65			65.0	1 Day	Composite
403	Total Nickel(5)		1.40			14.0	1 Day	Composite
403	Total Mercury(5)		0.00040			0.0008	1 Day	Composite
403	Total Zinc(5)		2.46			25.0	1 Day	Composite
403	Amenable Cyanide(5)		3.11			6.20	1 Day	Composite
403	Total Toxic Organics (4)						1 Day	Composite
403	Aniline					0.125	1 Day	Composite
403	Benzene					0.142	1 Day	Composite
403	Chloro-benzene					0.310	1 Day	Composite
403	1,2-Dichloro-benzene					0.472	1 Day	Composite

Sample Point 001

Regulation		Discharge Limit	Discharge Limit	Discharge Limit	Discharge Limit	M.A.I.D (1)	Sampling Requirement	Sampling Requirement
40 CFR	Parameter	Daily	Daily	Monthly	Monthly		Time Period	Type(2)
		Conc. mg/L)	Mass (lbs.)(4)	Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)		
403	Fluoran-thene					0.100	1 Day	Composite
403	Acenaph-thylene					0.314	1 Day	Composite
403	Naph-thalene					0.314	1 Day	Composite
403	Anthra-cene					0.314	1 Day	Composite
403	Fluorene					0.314	1 Day	Composite
403	Phenan-threne					0.314	1 Day	Composite
403	B.O.D.(5,6)	250.0					1 Day	Composite
403	Total Suspended Solids(5,6)	250.0					1 Day	Composite
403	Total Phosphates (5,6)	15.35					1 Day	Composite
403	Discharge Flow(7)	60,000					1 Day	Meter(7)
403	pH (s.u.)(8)	5.0-12.0					1 Day	Grab

PART 1: SPECIFIC CONDITIONS

B. Footnotes:

1. M.A.I.D.- Maximum Allowable Instantaneous Discharge (also called a slug limit).

2. Sampling Requirement, Sampling Type:

    a. Grab sample: A single discreet sample collected over a period that is not to exceed 15 minutes.
    b. Composite sample: The two methods of obtaining a composite sample are flow-proportional composite sampling or time-proportional composite sampling. Please indicate the sampling method utilized.

3. The Discharge Limitation Daily and Monthly Mass, is in pounds (lbs.). This limit was calculated using peak discharge flow of 60,000 gallons per day.

4. The analysis for Total Toxic Organics (TTO) shall be conducted using the following analytical test methods; EPA Test Method 608- Organochlorine Pesticides and PCBs, EPA Test Method 624- Volatile Organics and EPA Test Method 625- Semi-Volatile Organics. Four grab samples must be properly taken and preserved over an equally spaced period during a normal discharge day. The four grab samples must be flow proportionally composited.

    The permittee must report any pollutant parameter from the TTO analytical results whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the pollutant parameters evaluated by these procedures which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this discharge permit.

    Once the initial monitoring report with the TTO analytical results have been submitted, a Toxic Organic Management Plan (TOMP) may be developed that, if approved, will relieve the company from conducting additional TTO analysis, for the duration of the discharge permit. The Toxic Organic Management Plan (TOMP) must contain the following:
    a. a list of the toxic organic compounds that will be at the facility,
    b. amounts of toxic organic compounds that will be stored at the facility,
    c. procedures to prevent spills or leaks of toxic organic compounds into the sewer system,
    d. methods of disposal of these toxic compounds; and
    e. records/invoices/manifests showing these disposal methods.

B. FOOT NOTES- continued

If the company submits an approved Toxic Organic Solvent Management Plan (TOMP), then in lieu of monitoring for TTO the following statement must be included with every monitoring report:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and Belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the control authority."

5. The Discharge Limitation for these parameters are local discharge limits that the Buffalo Sewer Authority has developed to protect the Bird Island Treatment Plant.

6. If the parameter is over the stated limit, then that parameter is surchargeable.

7. The discharge meter must be calibrated on an annual basis. With every monitoring report, the daily sampling must include discharge meter readings for that sample day. 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 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.

8. 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. This record must always be available for BSA inspection.

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.

PART 1: SPECIFIC CONDITIONS

C. DISCHARGE MONITORING REPORTING REQUIREMENTS

1. During the period beginning the effective date of this permit 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	Initial Report	Subsequent Reports
001	All parameters	January 31, 2025	April 30, 2025
			July 31, 2025
			October 31, 2025
			January 31, 2026
			April 30, 2026
			July 31, 2026
			October 31, 2026
			January 31, 2027
			April 30, 2027
			July 31, 2027
			October 31, 2027

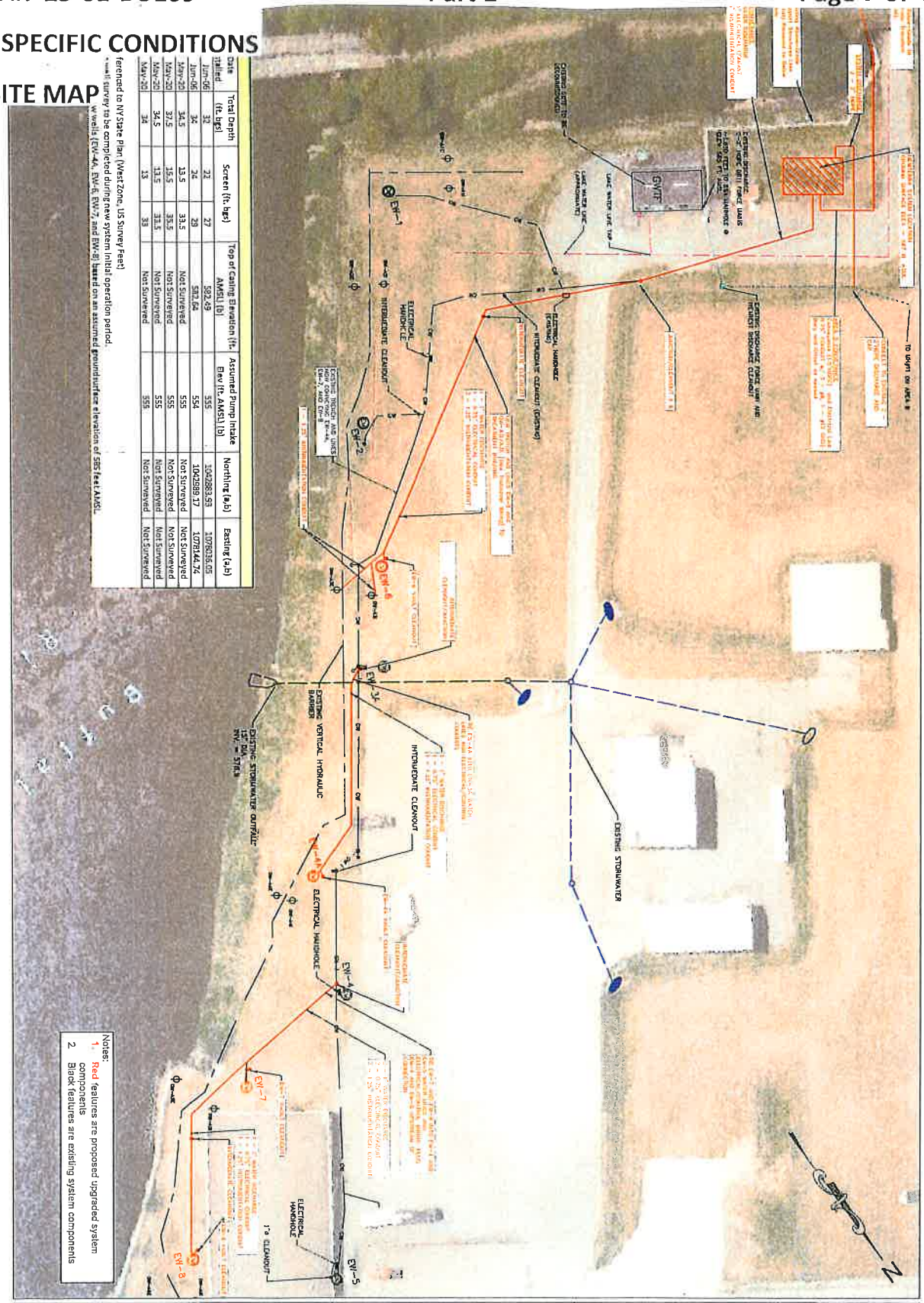
2. To renew your Discharge Permit, a Discharge Permit Application is required six months prior to the expiration of this permit. Please submit by June 30, 2027.

Part I: SPECIFIC CONDITIONS

D. SITE MAP

Date Installed	Total Depth (ft. bgs)	Screen (ft. bgs)	Top of Casing Elevation (ft. AMSL) (b)	Assumed Pump Intake Elev (ft. AMSL) (b)	Northing (a,b)	Easting (a,b)
Jun-06	32	22	582.49	555	1042883.93	1078036.05
Jun-06	34	24	582.64	554	1042588.17	1078144.74
May-20	34.5	13.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	37.5	35.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	34.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	34	33	Not Surveyed	555	Not Surveyed	Not Surveyed

* well survey to be completed during new system initial operation period.
(a) referenced to NY State Plan (West Zone, US Survey Feet)
(b) wells EW-4A, EW-6, EW-7, and EW-8 based on an assumed groundsurface elevation of 585 feet AMSL



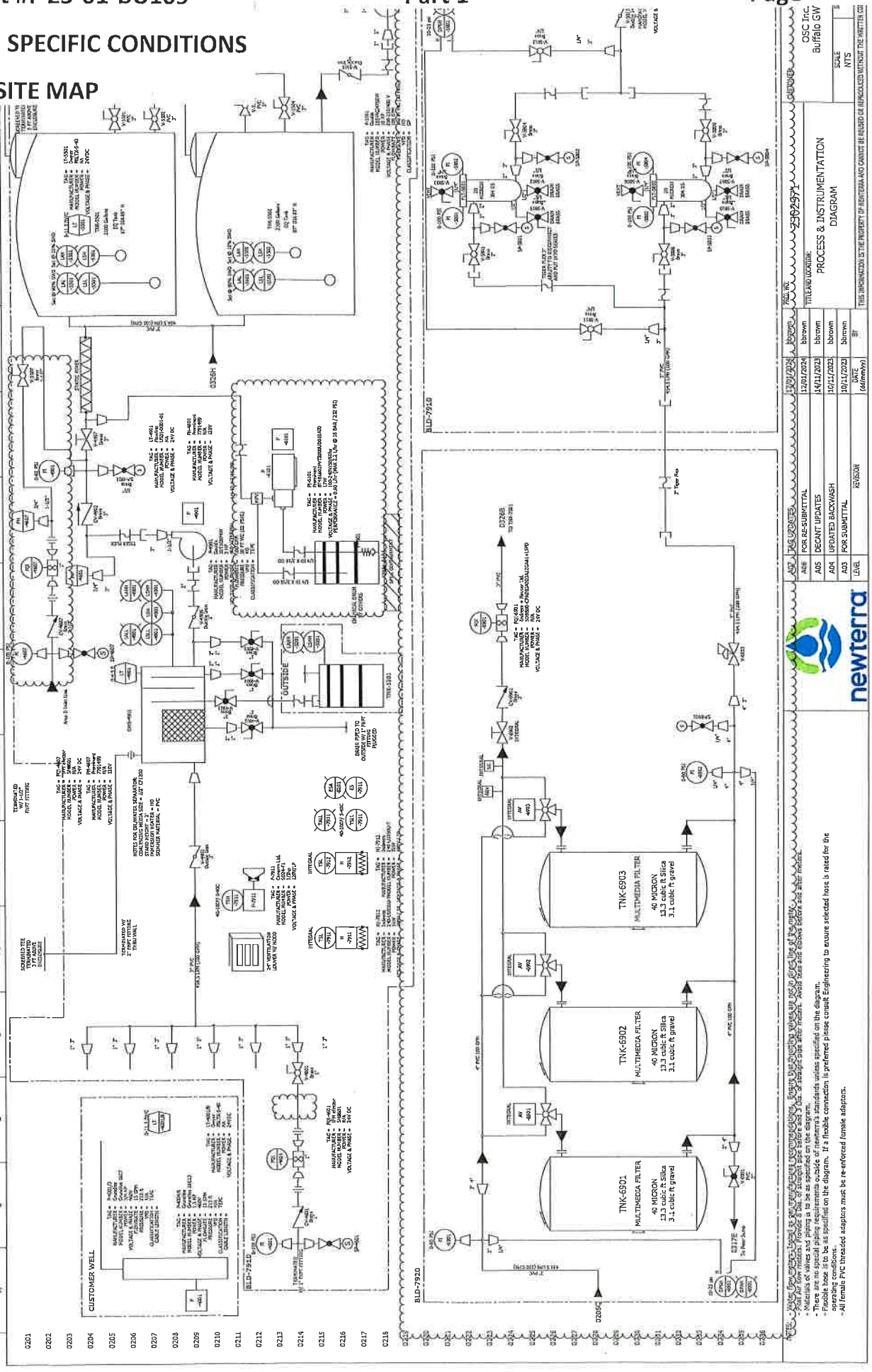
INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
www.InventumEng.com

CONVEYANCE LAYOUT
DRAFT 03/08/24
SOUTH BUFFALO DEVELOPMENT, LLC
AREA A

SHEET 1

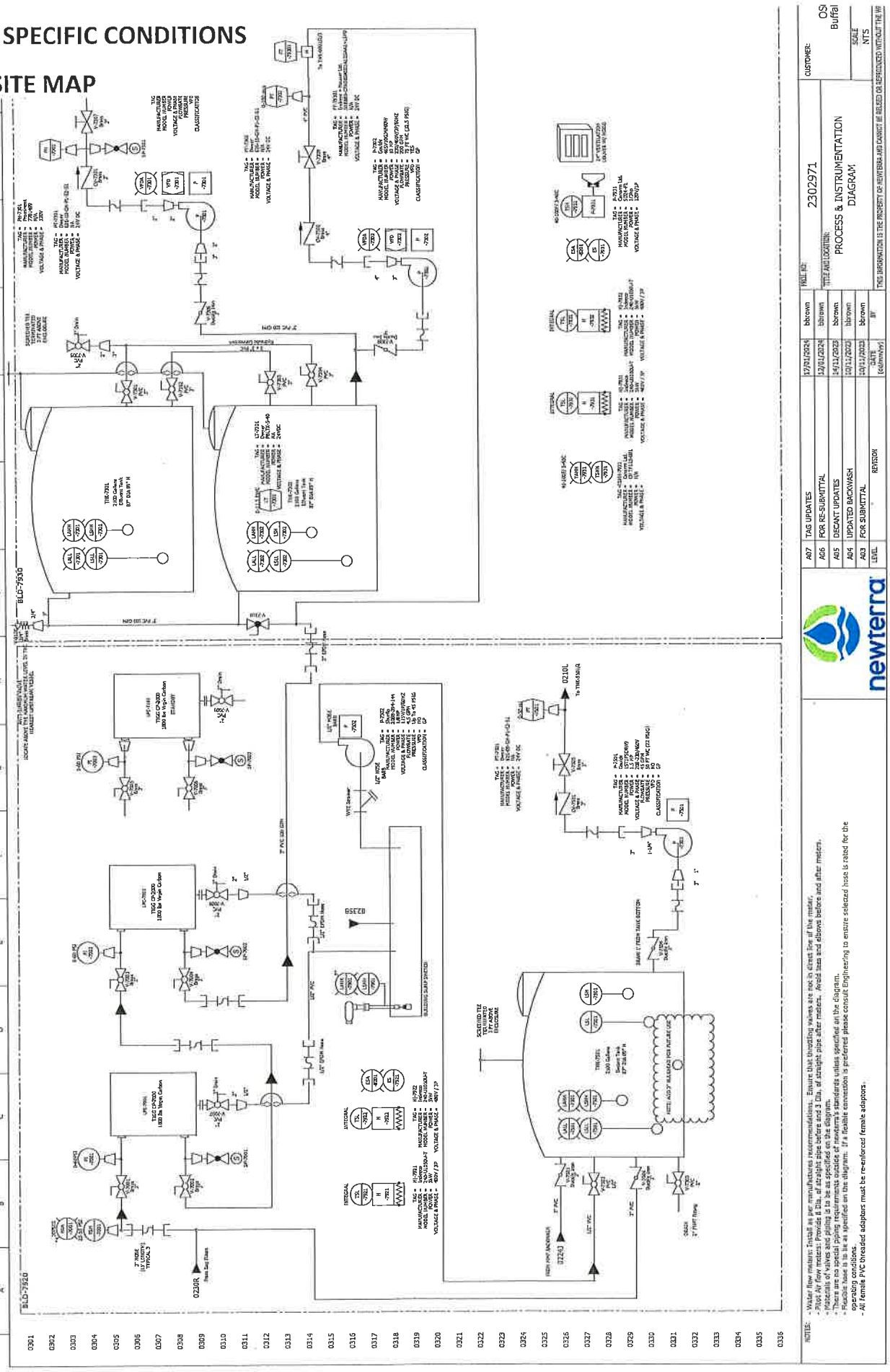
Part I: SPECIFIC CONDITIONS

E. SITE MAP



Part I: SPECIFIC CONDITIONS

F. SITE MAP



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.

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. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. 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 883-1820 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 noncomplying discharge.

5. 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.

6. 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.

7. 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.

8. 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.

9. Treatment Bypasses

a. A bypass of the treatment system is prohibited unless the following conditions are met:

(i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or

(ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and

(iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.

b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent it's recurrence.

c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

a. Violation of any terms or conditions of this permit,

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

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

3. Civil and Criminal Liability

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

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to $10,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

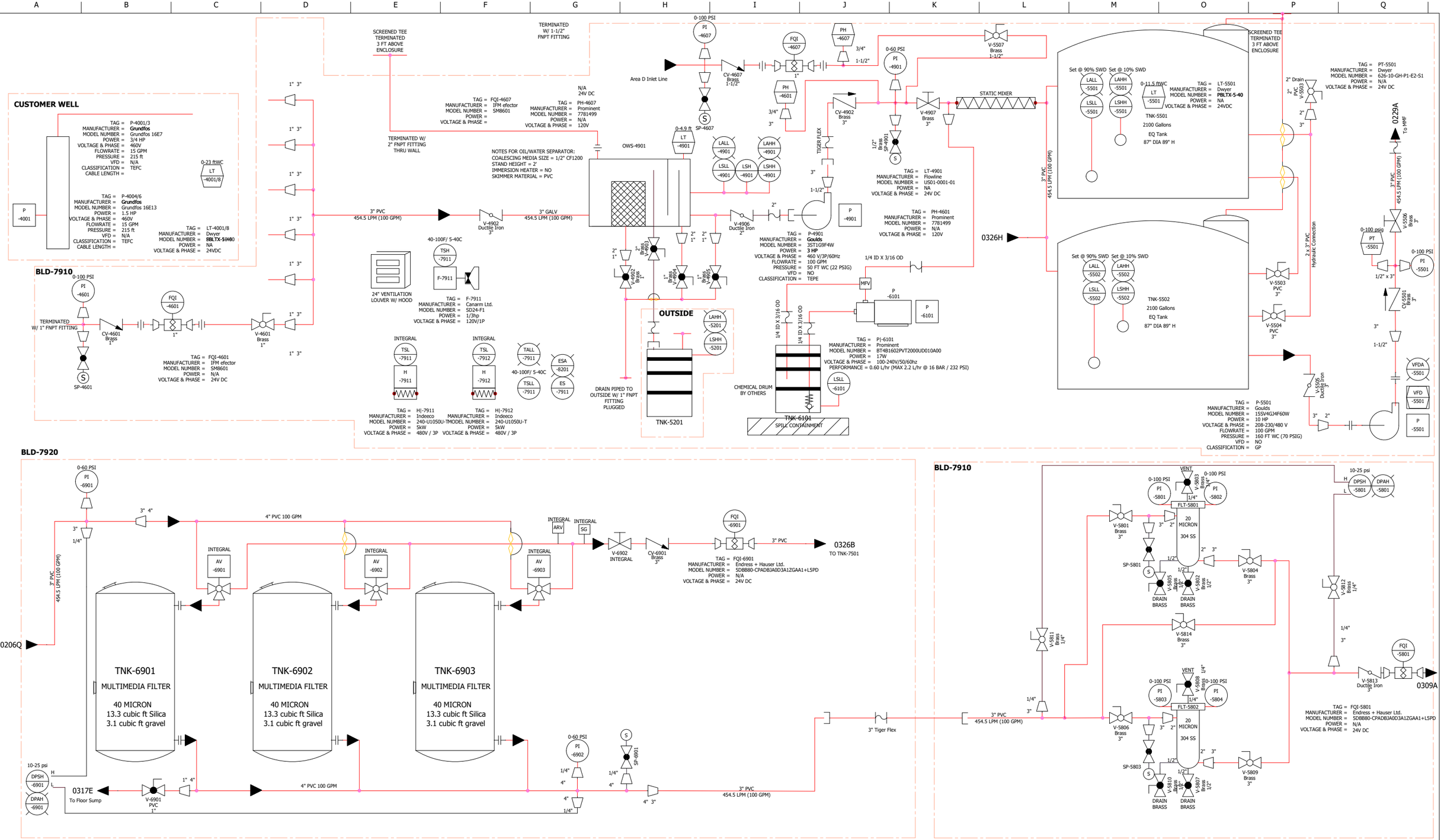
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Process & Instrumentation Diagram



NOTES:
- Water flow meters: Install as per manufactures recommendations. Ensure that throttling valves are not in direct line of the meter.
- Pitot Air flow meters: Provide 8 Dia. of straight pipe before and 3 Dia. of straight pipe after meters. Avoid tees and elbows before and after meters.
- Materials of valves and piping is to be as specified on the diagram.
- There are no special piping requirements outside of newterra's standards unless specified on the diagram.
- Flexible hose is to be as specified on the diagram. If a flexible connection is preferred please consult Engineering to ensure selected hose is rated for the operating conditions.
- All female PVC threaded adaptors must be re-enforced female adaptors.

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LEVEL	REVISION	DATE (dd/mm/yy)	BY
C01	AS-BUILTS	29/07/2024	bbrown
B01	FOR PRODUCTION	29/07/2024	bbrown
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	2	4

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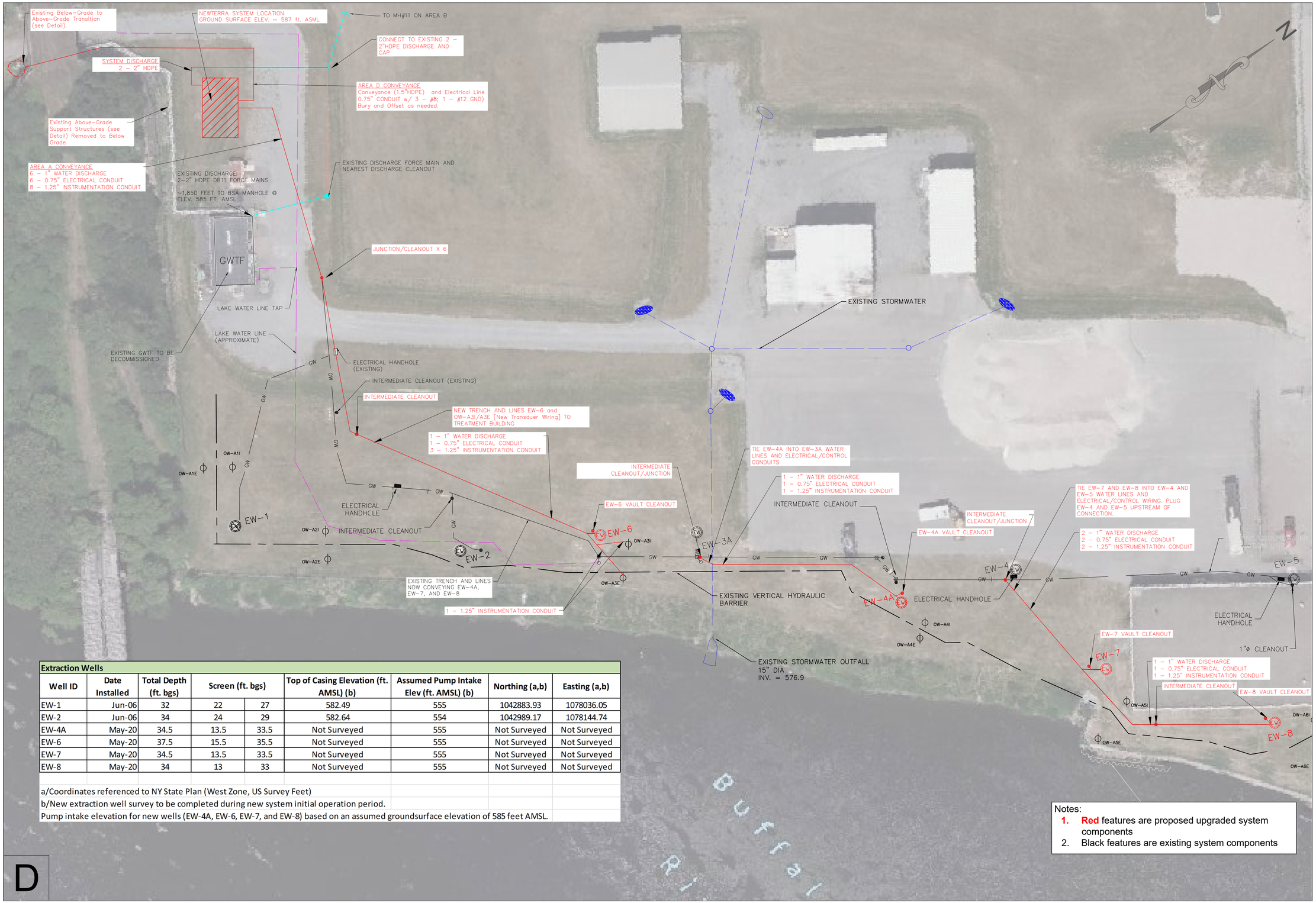
DRAFT Conveyance Layout



Extraction Wells								
Well ID	Date Installed	Total Depth (ft. bgs)	Screen (ft. bgs)		Top of Casing Elevation (ft. AMSL) (b)	Assumed Pump Intake Elev (ft. AMSL) (b)	Northing (a,b)	Easting (a,b)
EW-1	Jun-06	32	22	27	582.49	555	1042883.93	1078036.05
EW-2	Jun-06	34	24	29	582.64	554	1042989.17	1078144.74
EW-4A	May-20	34.5	13.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-6	May-20	37.5	15.5	35.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-7	May-20	34.5	13.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-8	May-20	34	13	33	Not Surveyed	555	Not Surveyed	Not Surveyed

a/Coordinates referenced to NY State Plan (West Zone, US Survey Feet)
b/New extraction well survey to be completed during new system initial operation period.
Pump intake elevation for new wells (EW-4A, EW-6, EW-7, and EW-8) based on an assumed groundsurface elevation of 585 feet AMSL.

Notes:
1. **Red** features are proposed upgraded system components
2. Black features are existing system components

D

DRAWING BY
CHECKED
APPROVED

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. IN ACCEPTANCE HEREOF, IT IS AGREED THAT IT SHALL NOT BE REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF INVENTUM ENGINEERING.

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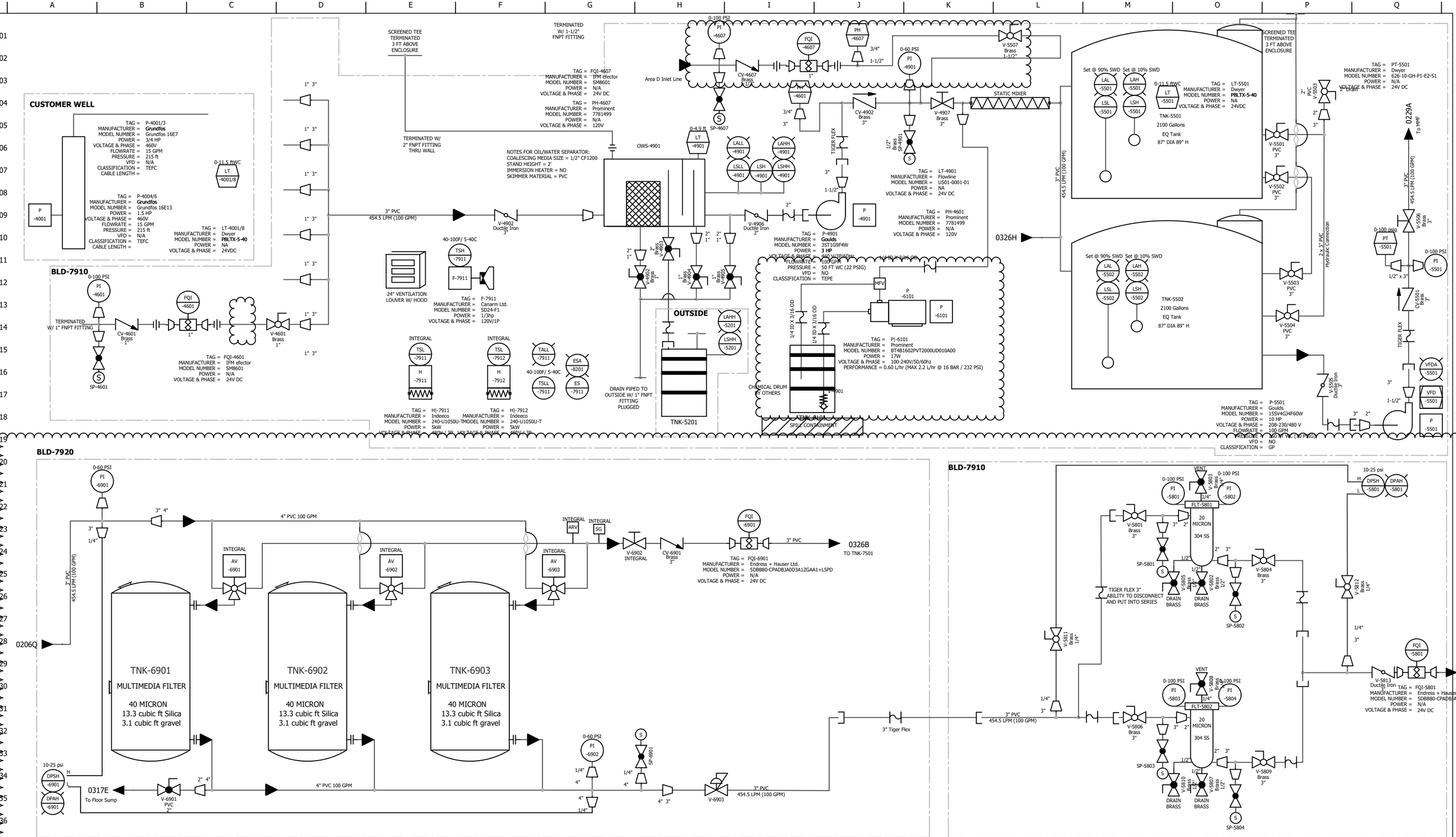
CONVEYANCE LAYOUT
DRAFT 03/08/24
SOUTH BUFFALO DEVELOPMENT, LLC
AREA A

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

SHEET 1

1" = 30'
30' 15' 0' 30'



NOTES:
- Water flow meters: Install as per manufactures recommendations. Ensure that throttling valves are not in direct line of the meter.
- Pitot Air flow meters: Provide 8 Dia. of straight pipe before and 3 Dia. of straight pipe after meters. Avoid tees and elbows before and after meters.
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- There are no special piping requirements outside of newterra's standards unless specified on the diagram.
- Flexible hose is to be as specified on the diagram. If a flexible connection is preferred please consult Engineering to ensure selected hose is rated for the operating conditions.
- All female PVC threaded adaptors must be re-enforced female adaptors.

newterra

LEVEL	REVISION	DATE (dd/mm/yy)	BY
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown
A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	2	4

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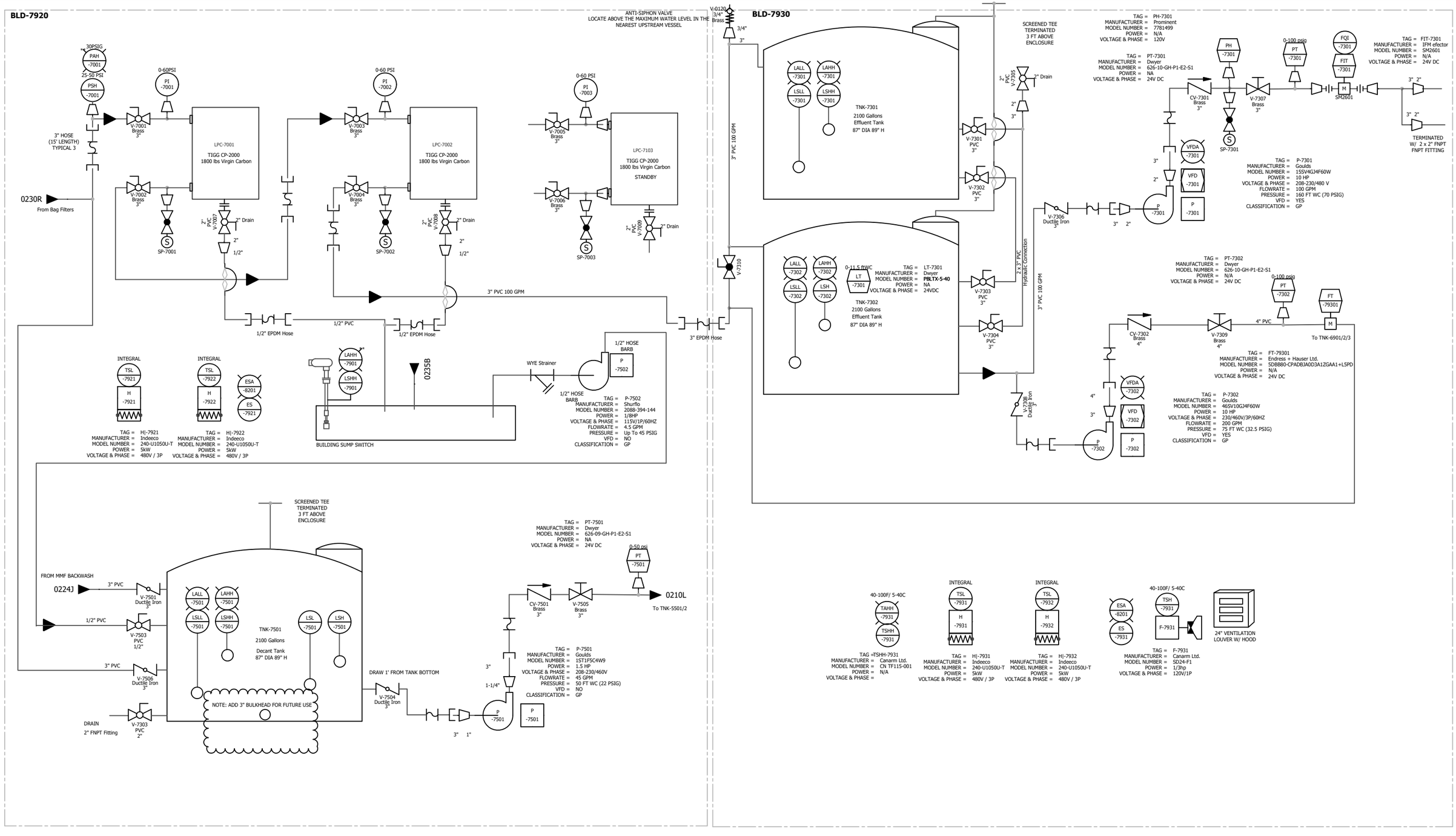

NOTES:
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- All female PVC threaded adaptors must be re-enforced female adaptors.

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LEVEL	REVISION	DATE (dd/mm/yy)	BY
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown
A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	3	4

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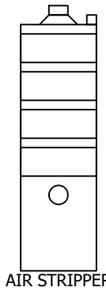
VALVES AND PIPING

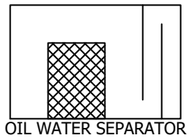
NO NC

- BALL VALVE -
- GATE VALVE -
- GLOBE VALVE -
- NEEDLE VALVE -
- SLIDE VALVE -
- SOLENOID VALVE -
- BUTTERFLY VALVE -
- SWING CHECK VALVE -
- WAFER CHECK VALVE -
- SPRING CHECK VALVE -
- WYE STRAINER -
- SAMPLE PORT -
- PRESSURE RELIEF VALVE -
- VACUUM RELIEF VALVE -
- CAMLOCK CONNECTION -
- FLEXIBLE CONNECTION -
- FLANGED CONNECTION -
- REDUCER -
- UNION -
- ADSORBENT FILTER - (A TWIST DRAIN, A AUTO DRAIN)
- COALESCING FILTER - (TWIST DRAIN, AUTO DRAIN)
- PARTICULATE FILTER - (TWIST DRAIN, AUTO DRAIN)
- FILTER, SILENCER -
- PRESSURE REGULATOR -
- REGULATOR W/ FILTER -

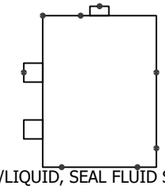
EQUIPMENT



AIR STRIPPER

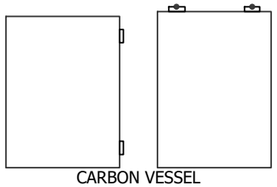


OIL WATER SEPARATOR

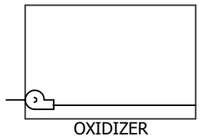


VAPOR/LIQUID, SEAL FLUID SEPARATOR

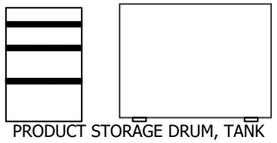
BAG FILTER



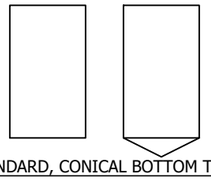
CARBON VESSEL



OXIDIZER

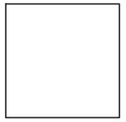


PRODUCT STORAGE DRUM, TANK

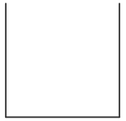


STANDARD, CONICAL BOTTOM TANK

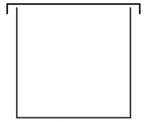
EQUIPMENT



CLOSED TOP TANK

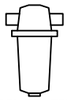


OPEN TOP TANK

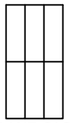


OPEN TOP TANK WITH LID

AIR DIFFUSER ASSEMBLY



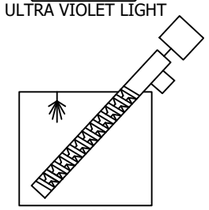
STRAINER/FILTER



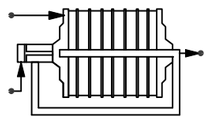
MEMBRANE CASSETTE

NO CLOG SPRAYER ASSEMBLY

ULTRA VIOLET LIGHT



ROTARY SCREEN



FILTER PRESS

EQUIPMENT

- CENTRIFUGAL PUMP -
- PROGRESSIVE-CAVITY PUMP -
- CHEMICAL-INJECTION PUMP -
- CENTRIFUGAL, REGENERATIVE BLOWER -
- POSITIVE-DISPLACEMENT BLOWER -
- ROTARY-CLAW BLOWER -
- LINEAR BLOWER -
- LIQUID-RING PUMP -
- ROTARY-VANE COMPRESSOR -
- RECIPROCATING COMPRESSOR -
- PASSIVE COOLING FINS -
- HEAT EXCHANGER -
- EDUCTOR -
- MAGNETIC FLOWM METER - (M)
- AVERAGING PITOT TUBE -
- VENTURI -
- ROTOMETER -
- WATER FLOW METER -

INSTRUMENTATION IDENTIFIERS

	FIRST LETTERS		SUCCEEDING LETTERS		
	MEASURED/INITIATING VARIABLE	VARIABLE MODIFIER	READOUT/PASSIVE FUNCTION	OUTPUT/ACTIVE FUNCTION	FUNCTION MODIFIER
A	ANALYSIS		ALARM		
B	BURNER, COMBUSTION				
C	CYCLE	CONTROL		CONTROL	CLOSE
D		DIFFERENCE, DIFFERENTIAL			DEVIATION
E	VOLTAGE		SENSOR, PRIMARY ELEMENT		
F	FLOW, FLOW RATE	RATIO			
G	GAS (LEL)		GLASS, GAUGE, VIEWING DEVICE		
H	HAND			HAND	HIGH
I	CURRENT		INDICATE		
J	POWER		SCAN		
K	TIME, SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	MONITOR			MOTORIZED	MIDDLE, INTERMED
N					
O			ORIFICE, RESTRICTION		OPEN
P	PRESSURE		POINT(TESTCONNEC'N)	PNEUMATIC	
Q	QUANTITY	INTEGRATE, TOTALIZE	INTEGRATE TOTALIZE		
R	RADIATION		RECORD		RUN
S	SPEED, FREQUENCY	SAFETY		SWITCH, SOLENOID	STOP
T	TEMPERATURE			TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	
V	VIBRATION, MECHANICAL ANALYSIS, VACUUM			VALVE, DAMPER, LOUVER	
W	WEIGHT, FORCE		WELL, PROBE		
X	UNCLASSIFIED	X-AXIS	ACCESSORY DEVICES, UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT, STATE, PRESENCE	Y-AXIS		AUXILIARY DEVICES	
Z	POSITION, DIMENSION	Z-AXIS, SAFETY INSTRUMENTED SYSTEM		DRIVER, ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

- INDICATING INSTRUMENT
- DIGITAL INPUT TO CONTROL PANEL
- DIGITAL INPUT CAUSING ALARM
- DIGITAL INPUT CAUSING SYSTEM SHUTDOWN ALARM
- ANALOG INPUT TO CONTROL PANEL
- ANALOG OUTPUT FROM CONTROL PANEL

AS - AIR STRIPPER
BLD - BUILDING, TRAILER, OR SKID
FLT - FILTER VELLEL
LPC - LIQUID-PHASE CARBON VESSEL
MFD - MANIFOLD
OWS - OIL/WATER SEPARATOR
OX - OXIDIZER
PST - PRODUCT STORAGE TANK
SOS - SEAL OIL SEPARATOR
SWS - SEAL WATER SEPARATOR
TNK - TANK
VLS - VAPOR/LIQUID SEPARATOR
VPC - VAPOR-PHASE CARBON VESSEL

NOTES:

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LEVEL	REVISION	DATE (dd/mm/yy)	BY
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown
A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: LEGEND

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	4	4

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Laboratory Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/12/2025 10:14:32 AM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-229709-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

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6/12/2025 10:14:32 AM

Authorized for release by
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(716)504-9838

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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
b	Result Detected in the Unseeded Control blank (USB).
F3	Duplicate RPD exceeds the control limit
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

Job ID: 480-229709-1 Eurofins Buffalo

Job Narrative
480-229709-1

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 5/27/2025 5:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 14.0°C.

GC/MS VOA
Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 05/28/2025 as requested by the client: BCC BSA SUMP (480-229709-1).
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: The laboratory control sample duplicate (LCSD) for preparation batch 480-747221 and analytical batch 480-747355 recovered outside control limits for the following analytes: Diethyl phthalate. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 625.1_PREC: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-747221 and analytical batch 480-747355 recovered outside control limits for the following analytes: Anthracene.

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 480-747228.

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 5210B: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 480-747514. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported. BCC BSA SUMP (480-229709-1) and (480-229709-C-1 DU)

Method 5210B: Eurofins Buffalo is not currently certified for Method 5210B. The client was contacted and approved submittal of the data without certification.

BCC BSA SUMP (480-229709-1) and (480-229709-C-1 DU)

Eurofins Buffalo

Job ID: 480-229709-1 (Continued) Eurofins Buffalo

Method 5210B: The sample duplicate (DUP) precision for analytical batch 480-747514 was outside control limits. Sample matrix interference is suspected. BCC BSA SUMP (480-229709-1) and (480-229709-C-1 DU)

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 (480-229709-1).

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

Detection Summary

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

Job ID: 480-229709-1

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-229709-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	1.8	J	40	1.5	ug/L	1		625.1	Total/NA
Phenol	3.3	J	20	0.35	ug/L	1		625.1	Total/NA
Copper	0.12		0.010	0.0045	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.013		0.010	0.0035	mg/L	1		420.4	Total/NA
Cyanide, Amenable	0.040		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	7.9	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.7	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	3.0		0.25	0.13	mg/L as P	25		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	9.1	b *+	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-229709-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.56	J	5.0	0.54	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-229709-1
Date Collected: 05/27/25 15:30
Matrix: Water
Date Received: 05/27/25 17:13

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			05/28/25 21:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/28/25 21:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/28/25 21:46	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/28/25 21:46	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/28/25 21:46	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/28/25 21:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/28/25 21:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/28/25 21:46	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/28/25 21:46	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/28/25 21:46	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/28/25 21:46	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/28/25 21:46	1
Acrolein	ND		100	17	ug/L			05/28/25 21:46	1
Acrylonitrile	ND		50	1.9	ug/L			05/28/25 21:46	1
Benzene	ND		5.0	0.60	ug/L			05/28/25 21:46	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/28/25 21:46	1
Bromoform	ND		5.0	0.47	ug/L			05/28/25 21:46	1
Bromomethane	ND		5.0	1.2	ug/L			05/28/25 21:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/28/25 21:46	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/28/25 21:46	1
Chloroethane	ND		5.0	0.87	ug/L			05/28/25 21:46	1
Chloroform	ND		5.0	0.54	ug/L			05/28/25 21:46	1
Chloromethane	ND		5.0	0.64	ug/L			05/28/25 21:46	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/28/25 21:46	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/28/25 21:46	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/28/25 21:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/28/25 21:46	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/28/25 21:46	1
Toluene	ND		5.0	0.45	ug/L			05/28/25 21:46	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/28/25 21:46	1
Trichloroethene	ND		5.0	0.60	ug/L			05/28/25 21:46	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/28/25 21:46	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/28/25 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*68 - 130*		*05/28/25 21:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*76 - 123*		*05/28/25 21:46*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*05/28/25 21:46*	*1*
Toluene-d8 (Surr)	*94*		*77 - 120*		*05/28/25 21:46*	*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		05/28/25 10:17	05/29/25 13:19	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		05/28/25 10:17	05/29/25 13:19	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		05/28/25 10:17	05/29/25 13:19	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		05/28/25 10:17	05/29/25 13:19	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		05/28/25 10:17	05/29/25 13:19	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		05/28/25 10:17	05/29/25 13:19	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-229709-1
Date Collected: 05/27/25 15:30
Matrix: Water
Date Received: 05/27/25 17:13

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		05/28/25 10:17	05/29/25 13:19	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		05/28/25 10:17	05/29/25 13:19	1
2-Chloronaphthalene	ND		20	0.91	ug/L		05/28/25 10:17	05/29/25 13:19	1
2-Chlorophenol	ND		20	0.66	ug/L		05/28/25 10:17	05/29/25 13:19	1
2-Nitrophenol	ND		20	0.70	ug/L		05/28/25 10:17	05/29/25 13:19	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		05/28/25 10:17	05/29/25 13:19	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		05/28/25 10:17	05/29/25 13:19	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		05/28/25 10:17	05/29/25 13:19	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		05/28/25 10:17	05/29/25 13:19	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		05/28/25 10:17	05/29/25 13:19	1
4-Nitrophenol	ND		40	1.9	ug/L		05/28/25 10:17	05/29/25 13:19	1
Acenaphthene	ND		20	0.81	ug/L		05/28/25 10:17	05/29/25 13:19	1
Acenaphthylene	ND		20	0.87	ug/L		05/28/25 10:17	05/29/25 13:19	1
Aniline	**1.8**	**J**	40	1.5	ug/L		05/28/25 10:17	05/29/25 13:19	1
Anthracene	ND	*1	20	1.4	ug/L		05/28/25 10:17	05/29/25 13:19	1
Benzidine	ND		320	54	ug/L		05/28/25 10:17	05/29/25 13:19	1
Benzo[a]anthracene	ND		20	1.1	ug/L		05/28/25 10:17	05/29/25 13:19	1
Benzo[a]pyrene	ND		20	1.3	ug/L		05/28/25 10:17	05/29/25 13:19	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		05/28/25 10:17	05/29/25 13:19	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		05/28/25 10:17	05/29/25 13:19	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		05/28/25 10:17	05/29/25 13:19	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		05/28/25 10:17	05/29/25 13:19	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		05/28/25 10:17	05/29/25 13:19	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		05/28/25 10:17	05/29/25 13:19	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		05/28/25 10:17	05/29/25 13:19	1
Chrysene	ND		20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		05/28/25 10:17	05/29/25 13:19	1
Diethyl phthalate	ND	*+	20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
Dimethyl phthalate	ND		20	0.91	ug/L		05/28/25 10:17	05/29/25 13:19	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		05/28/25 10:17	05/29/25 13:19	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		05/28/25 10:17	05/29/25 13:19	1
Fluoranthene	ND		20	1.6	ug/L		05/28/25 10:17	05/29/25 13:19	1
Fluorene	ND		20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
Hexachlorobenzene	ND		20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
Hexachlorobutadiene	ND		20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		05/28/25 10:17	05/29/25 13:19	1
Hexachloroethane	ND		20	0.60	ug/L		05/28/25 10:17	05/29/25 13:19	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		05/28/25 10:17	05/29/25 13:19	1
Isophorone	ND		20	0.74	ug/L		05/28/25 10:17	05/29/25 13:19	1
Naphthalene	ND		20	0.86	ug/L		05/28/25 10:17	05/29/25 13:19	1
Decane	ND		40	1.6	ug/L		05/28/25 10:17	05/29/25 13:19	1
Nitrobenzene	ND		20	0.81	ug/L		05/28/25 10:17	05/29/25 13:19	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		05/28/25 10:17	05/29/25 13:19	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		05/28/25 10:17	05/29/25 13:19	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		05/28/25 10:17	05/29/25 13:19	1
n-Octadecane	ND		40	1.2	ug/L		05/28/25 10:17	05/29/25 13:19	1
Pentachlorophenol	ND		40	3.2	ug/L		05/28/25 10:17	05/29/25 13:19	1
Phenanthrene	ND		20	1.2	ug/L		05/28/25 10:17	05/29/25 13:19	1

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-229709-1
Date Collected: 05/27/25 15:30
Matrix: Water
Date Received: 05/27/25 17:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**3.3**	**J**	20	0.35	ug/L		05/28/25 10:17	05/29/25 13:19	1
Pyrene	ND		20	1.4	ug/L		05/28/25 10:17	05/29/25 13:19	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		05/28/25 10:17	05/29/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 151*	*05/28/25 10:17*	*05/29/25 13:19*	*1*
2-Fluorobiphenyl	*89*		*44 - 120*	*05/28/25 10:17*	*05/29/25 13:19*	*1*
2-Fluorophenol	*59*		*17 - 120*	*05/28/25 10:17*	*05/29/25 13:19*	*1*
Nitrobenzene-d5	*75*		*15 - 314*	*05/28/25 10:17*	*05/29/25 13:19*	*1*
Phenol-d5	*37*		*8 - 424*	*05/28/25 10:17*	*05/29/25 13:19*	*1*
p-Terphenyl-d14	*67*		*22 - 125*	*05/28/25 10:17*	*05/29/25 13:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.059	0.037	ug/L		05/28/25 10:16	05/29/25 13:44	1
PCB-1221	ND		0.059	0.037	ug/L		05/28/25 10:16	05/29/25 13:44	1
PCB-1232	ND		0.059	0.037	ug/L		05/28/25 10:16	05/29/25 13:44	1
PCB-1242	ND		0.059	0.037	ug/L		05/28/25 10:16	05/29/25 13:44	1
PCB-1248	ND		0.059	0.037	ug/L		05/28/25 10:16	05/29/25 13:44	1
PCB-1254	ND		0.059	0.030	ug/L		05/28/25 10:16	05/29/25 13:44	1
PCB-1260	ND		0.059	0.030	ug/L		05/28/25 10:16	05/29/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*10 - 120*	*05/28/25 10:16*	*05/29/25 13:44*	*1*
Tetrachloro-m-xylene	*68*		*10 - 126*	*05/28/25 10:16*	*05/29/25 13:44*	*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		05/29/25 08:14	05/29/25 17:09	1
Copper	**0.12**		0.010	0.0045	mg/L		05/29/25 08:14	05/29/25 17:09	1
Lead	ND		0.010	0.0039	mg/L		05/29/25 08:14	05/29/25 17:09	1
Nickel	ND		0.010	0.0034	mg/L		05/29/25 08:14	05/29/25 17:09	1
Zinc	ND		0.010	0.0068	mg/L		05/29/25 08:14	05/29/25 17:09	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		05/28/25 15:15	05/29/25 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	**0.013**		0.010	0.0035	mg/L			06/01/25 16:12	1
Cyanide, Amenable (SM 4500 CN G)	**0.040**		0.010	0.0050	mg/L			06/11/25 09:58	1
Phosphorus (SM 4500 P E)	**3.0**		0.25	0.13	mg/L as P			06/03/25 19:01	25
Biochemical Oxygen Demand (SM 5210B)	**9.1**	**b *+**	2.0	2.0	mg/L			05/28/25 10:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	ND		4.0	4.0	mg/L			05/29/25 14:39	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1	0.1	SU			05/29/25 12:12	1
Temperature (SM 4500 H+ B)	**19.7**	**HF**	0.001	0.001	Degrees C			05/29/25 12:12	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-229709-2
Date Collected: 05/27/25 15:30
Matrix: Water
Date Received: 05/27/25 17:13

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			05/28/25 22:10	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/28/25 22:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/28/25 22:10	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/28/25 22:10	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/28/25 22:10	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/28/25 22:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/28/25 22:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/28/25 22:10	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/28/25 22:10	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/28/25 22:10	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/28/25 22:10	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/28/25 22:10	1
Acrolein	ND		100	17	ug/L			05/28/25 22:10	1
Acrylonitrile	ND		100	1.9	ug/L			05/28/25 22:10	1
Benzene	ND		5.0	0.60	ug/L			05/28/25 22:10	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/28/25 22:10	1
Bromoform	ND		5.0	0.47	ug/L			05/28/25 22:10	1
Bromomethane	ND		5.0	1.2	ug/L			05/28/25 22:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/28/25 22:10	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/28/25 22:10	1
Chloroethane	ND		5.0	0.87	ug/L			05/28/25 22:10	1
Chloroform	**0.56**	**J**	5.0	0.54	ug/L			05/28/25 22:10	1
Chloromethane	ND		5.0	0.64	ug/L			05/28/25 22:10	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/28/25 22:10	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/28/25 22:10	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/28/25 22:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/28/25 22:10	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/28/25 22:10	1
Toluene	ND		5.0	0.45	ug/L			05/28/25 22:10	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/28/25 22:10	1
Trichloroethene	ND		5.0	0.60	ug/L			05/28/25 22:10	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/28/25 22:10	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/28/25 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*		*05/28/25 22:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 123*		*05/28/25 22:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*05/28/25 22:10*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*05/28/25 22:10*	*1*

Surrogate Summary

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

Job ID: 480-229709-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-229709-1	BCC BSA SUMP	91	93	91	94
480-229709-2	TRIP BLANK	98	96	100	96
LCS 480-747316/6	Lab Control Sample	85	89	87	93
MB 480-747316/8	Method Blank	85	90	83	92

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)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(8-424)	(22-125)
480-229709-1	BCC BSA SUMP	75	89	59	75	37	67
LCS 480-747221/2-A	Lab Control Sample	98	99	71	94	53	96
LCSD 480-747221/3-A	Lab Control Sample Dup	107	105	71	104	53	99
MB 480-747221/1-A	Method Blank	76	96	62	83	39	107

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)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(10-120)	(10-126)
480-229709-1	BCC BSA SUMP	54	68
LCS 480-747228/2-A	Lab Control Sample	98	87
LCSD 480-747228/3-A	Lab Control Sample Dup	99	88
MB 480-747228/1-A	Method Blank	99	93

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-747316/8
Matrix: Water
Analysis Batch: 747316

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			05/28/25 20:58	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			05/28/25 20:58	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/28/25 20:58	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/28/25 20:58	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			05/28/25 20:58	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			05/28/25 20:58	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/28/25 20:58	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/28/25 20:58	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			05/28/25 20:58	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			05/28/25 20:58	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			05/28/25 20:58	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			05/28/25 20:58	1
Acrolein	ND		100	17	ug/L			05/28/25 20:58	1
Acrylonitrile	ND		50	1.9	ug/L			05/28/25 20:58	1
Benzene	ND		5.0	0.60	ug/L			05/28/25 20:58	1
Bromodichloromethane	ND		5.0	0.54	ug/L			05/28/25 20:58	1
Bromoform	ND		5.0	0.47	ug/L			05/28/25 20:58	1
Bromomethane	ND		5.0	1.2	ug/L			05/28/25 20:58	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/28/25 20:58	1
Chlorobenzene	ND		5.0	0.48	ug/L			05/28/25 20:58	1
Chloroethane	ND		5.0	0.87	ug/L			05/28/25 20:58	1
Chloroform	ND		5.0	0.54	ug/L			05/28/25 20:58	1
Chloromethane	ND		5.0	0.64	ug/L			05/28/25 20:58	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			05/28/25 20:58	1
Dibromochloromethane	ND		5.0	0.41	ug/L			05/28/25 20:58	1
Ethylbenzene	ND		5.0	0.46	ug/L			05/28/25 20:58	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/28/25 20:58	1
Tetrachloroethene	ND		5.0	0.34	ug/L			05/28/25 20:58	1
Toluene	ND		5.0	0.45	ug/L			05/28/25 20:58	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			05/28/25 20:58	1
Trichloroethene	ND		5.0	0.60	ug/L			05/28/25 20:58	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			05/28/25 20:58	1
Vinyl chloride	ND		5.0	0.75	ug/L			05/28/25 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*68 - 130*		*05/28/25 20:58*	*1*
4-Bromofluorobenzene (Surr)	*90*		*76 - 123*		*05/28/25 20:58*	*1*
Dibromofluoromethane (Surr)	*83*		*75 - 123*		*05/28/25 20:58*	*1*
Toluene-d8 (Surr)	*92*		*77 - 120*		*05/28/25 20:58*	*1*

Lab Sample ID: LCS 480-747316/6
Matrix: Water
Analysis Batch: 747316

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.5		ug/L		97	52 - 162
1,1,2,2-Tetrachloroethane	20.0	17.6		ug/L		88	46 - 157
1,1,2-Trichloroethane	20.0	17.3		ug/L		87	52 - 150

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

Lab Sample ID: LCS 480-747316/6
Matrix: Water
Analysis Batch: 747316

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	18.7		ug/L		93	59 - 155
1,1-Dichloroethene	20.0	18.8		ug/L		94	1 - 234
1,2-Dichlorobenzene	20.0	17.0		ug/L		85	18 - 190
1,2-Dichloroethane	20.0	17.6		ug/L		88	49 - 155
1,2-Dichloropropane	20.0	17.5		ug/L		88	1 - 210
1,3-Dichlorobenzene	20.0	17.7		ug/L		88	59 - 156
1,4-Dichlorobenzene	20.0	17.5		ug/L		87	18 - 190
2-Chloroethyl vinyl ether	20.0	15.5	J	ug/L		77	1 - 305
Acrolein	100	84.1	J	ug/L		84	10 - 176
Acrylonitrile	200	194		ug/L		97	54 - 147
Benzene	20.0	18.7		ug/L		93	37 - 151
Bromodichloromethane	20.0	17.5		ug/L		87	35 - 155
Bromoform	20.0	17.0		ug/L		85	45 - 169
Bromomethane	20.0	17.1		ug/L		86	1 - 242
Carbon tetrachloride	20.0	18.4		ug/L		92	70 - 140
Chlorobenzene	20.0	18.2		ug/L		91	37 - 160
Chloroethane	20.0	19.3		ug/L		96	14 - 230
Chloroform	20.0	18.0		ug/L		90	51 - 138
Chloromethane	20.0	17.3		ug/L		86	1 - 273
cis-1,3-Dichloropropene	20.0	16.9		ug/L		85	1 - 227
Dibromochloromethane	20.0	17.1		ug/L		86	53 - 149
Ethylbenzene	20.0	18.9		ug/L		94	37 - 162
Methylene Chloride	20.0	18.8		ug/L		94	1 - 221
Tetrachloroethene	20.0	19.3		ug/L		97	64 - 148
Toluene	20.0	18.7		ug/L		94	47 - 150
trans-1,3-Dichloropropene	20.0	16.9		ug/L		85	17 - 183
Trichloroethene	20.0	18.5		ug/L		92	71 - 157
Trichlorofluoromethane	20.0	18.1		ug/L		90	17 - 181
Vinyl chloride	20.0	15.3		ug/L		77	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*68 - 130*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*
Dibromofluoromethane (Surr)	*87*		*75 - 123*
Toluene-d8 (Surr)	*93*		*77 - 120*

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

Lab Sample ID: MB 480-747221/1-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		05/28/25 08:56	05/29/25 11:27	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		05/28/25 08:56	05/29/25 11:27	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		05/28/25 08:56	05/29/25 11:27	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		05/28/25 08:56	05/29/25 11:27	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		05/28/25 08:56	05/29/25 11:27	1

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

Lab Sample ID: MB 480-747221/1-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		05/28/25 08:56	05/29/25 11:27	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		05/28/25 08:56	05/29/25 11:27	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		05/28/25 08:56	05/29/25 11:27	1
2-Chloronaphthalene	ND		20	0.91	ug/L		05/28/25 08:56	05/29/25 11:27	1
2-Chlorophenol	ND		20	0.66	ug/L		05/28/25 08:56	05/29/25 11:27	1
2-Nitrophenol	ND		20	0.70	ug/L		05/28/25 08:56	05/29/25 11:27	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		05/28/25 08:56	05/29/25 11:27	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		05/28/25 08:56	05/29/25 11:27	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		05/28/25 08:56	05/29/25 11:27	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		05/28/25 08:56	05/29/25 11:27	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		05/28/25 08:56	05/29/25 11:27	1
4-Nitrophenol	ND		40	1.9	ug/L		05/28/25 08:56	05/29/25 11:27	1
Acenaphthene	ND		20	0.81	ug/L		05/28/25 08:56	05/29/25 11:27	1
Acenaphthylene	ND		20	0.87	ug/L		05/28/25 08:56	05/29/25 11:27	1
Aniline	ND		40	1.5	ug/L		05/28/25 08:56	05/29/25 11:27	1
Anthracene	ND		20	1.4	ug/L		05/28/25 08:56	05/29/25 11:27	1
Benzidine	ND		320	54	ug/L		05/28/25 08:56	05/29/25 11:27	1
Benzo[a]anthracene	ND		20	1.1	ug/L		05/28/25 08:56	05/29/25 11:27	1
Benzo[a]pyrene	ND		20	1.3	ug/L		05/28/25 08:56	05/29/25 11:27	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		05/28/25 08:56	05/29/25 11:27	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		05/28/25 08:56	05/29/25 11:27	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		05/28/25 08:56	05/29/25 11:27	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		05/28/25 08:56	05/29/25 11:27	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		05/28/25 08:56	05/29/25 11:27	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		05/28/25 08:56	05/29/25 11:27	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		05/28/25 08:56	05/29/25 11:27	1
Chrysene	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		05/28/25 08:56	05/29/25 11:27	1
Diethyl phthalate	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
Dimethyl phthalate	ND		20	0.91	ug/L		05/28/25 08:56	05/29/25 11:27	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		05/28/25 08:56	05/29/25 11:27	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		05/28/25 08:56	05/29/25 11:27	1
Fluoranthene	ND		20	1.6	ug/L		05/28/25 08:56	05/29/25 11:27	1
Fluorene	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
Hexachlorobenzene	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
Hexachlorobutadiene	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		05/28/25 08:56	05/29/25 11:27	1
Hexachloroethane	ND		20	0.60	ug/L		05/28/25 08:56	05/29/25 11:27	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		05/28/25 08:56	05/29/25 11:27	1
Isophorone	ND		20	0.74	ug/L		05/28/25 08:56	05/29/25 11:27	1
Naphthalene	ND		20	0.86	ug/L		05/28/25 08:56	05/29/25 11:27	1
Decane	ND		40	1.6	ug/L		05/28/25 08:56	05/29/25 11:27	1
Nitrobenzene	ND		20	0.81	ug/L		05/28/25 08:56	05/29/25 11:27	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		05/28/25 08:56	05/29/25 11:27	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		05/28/25 08:56	05/29/25 11:27	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		05/28/25 08:56	05/29/25 11:27	1
n-Octadecane	ND		40	1.2	ug/L		05/28/25 08:56	05/29/25 11:27	1

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

Lab Sample ID: MB 480-747221/1-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		05/28/25 08:56	05/29/25 11:27	1
Phenanthrene	ND		20	1.2	ug/L		05/28/25 08:56	05/29/25 11:27	1
Phenol	ND		20	0.35	ug/L		05/28/25 08:56	05/29/25 11:27	1
Pyrene	ND		20	1.4	ug/L		05/28/25 08:56	05/29/25 11:27	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		05/28/25 08:56	05/29/25 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*76*		*52 - 151*	*05/28/25 08:56*	*05/29/25 11:27*	*1*
2-Fluorobiphenyl	*96*		*44 - 120*	*05/28/25 08:56*	*05/29/25 11:27*	*1*
2-Fluorophenol	*62*		*17 - 120*	*05/28/25 08:56*	*05/29/25 11:27*	*1*
Nitrobenzene-d5	*83*		*15 - 314*	*05/28/25 08:56*	*05/29/25 11:27*	*1*
Phenol-d5	*39*		*8 - 424*	*05/28/25 08:56*	*05/29/25 11:27*	*1*
p-Terphenyl-d14	*107*		*22 - 125*	*05/28/25 08:56*	*05/29/25 11:27*	*1*

Lab Sample ID: LCS 480-747221/2-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	27.4	J	ug/L		86	44 - 142
1,2-Dichlorobenzene	32.0	27.7	J	ug/L		87	32 - 129
1,3-Dichlorobenzene	32.0	27.1	J	ug/L		85	1 - 172
1,4-Dichlorobenzene	32.0	27.7	J	ug/L		87	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	32.2		ug/L		101	36 - 166
2,4,6-Trichlorophenol	32.0	31.7		ug/L		99	37 - 144
2,4-Dichlorophenol	32.0	29.3		ug/L		92	39 - 135
2,4-Dimethylphenol	32.0	30.1		ug/L		94	32 - 120
2,4-Dinitrophenol	64.0	72.8		ug/L		114	1 - 191
2,4-Dinitrotoluene	32.0	34.8		ug/L		109	39 - 139
2-Chloronaphthalene	32.0	30.0		ug/L		94	60 - 120
2-Chlorophenol	32.0	29.9		ug/L		93	23 - 134
2-Nitrophenol	32.0	31.5		ug/L		99	29 - 182
3,3'-Dichlorobenzidine	32.0	31.4		ug/L		98	1 - 262
4,6-Dinitro-2-methylphenol	64.0	77.3		ug/L		121	1 - 181
4-Bromophenyl phenyl ether	32.0	31.9		ug/L		100	53 - 127
4-Chloro-3-methylphenol	32.0	30.1		ug/L		94	22 - 147
4-Chlorophenyl phenyl ether	32.0	32.4		ug/L		101	25 - 158
4-Nitrophenol	64.0	46.6		ug/L		73	1 - 132
Acenaphthene	32.0	34.8		ug/L		109	47 - 145
Acenaphthylene	32.0	31.6		ug/L		99	33 - 145
Aniline	32.0	17.6	J	ug/L		55	40 - 120
Anthracene	32.0	34.5		ug/L		108	27 - 133
Benzo[a]anthracene	32.0	34.7		ug/L		109	33 - 143
Benzo[a]pyrene	32.0	33.5		ug/L		105	17 - 163
Benzo[b]fluoranthene	32.0	34.3		ug/L		107	24 - 159
Benzo[g,h,i]perylene	32.0	32.9		ug/L		103	1 - 219
Benzo[k]fluoranthene	32.0	34.9		ug/L		109	11 - 162
Bis(2-chloroethoxy)methane	32.0	32.5		ug/L		102	33 - 184

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

Lab Sample ID: LCS 480-747221/2-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	32.1		ug/L		100	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	31.6	J	ug/L		99	8 - 158
Butyl benzyl phthalate	32.0	34.4		ug/L		108	1 - 152
Chrysene	32.0	33.8		ug/L		106	17 - 168
Dibenz(a,h)anthracene	32.0	32.8		ug/L		102	1 - 227
Diethyl phthalate	32.0	38.2		ug/L		119	1 - 120
Dimethyl phthalate	32.0	35.6		ug/L		111	1 - 120
Di-n-butyl phthalate	32.0	34.4		ug/L		108	1 - 120
Di-n-octyl phthalate	32.0	30.5		ug/L		95	4 - 146
Fluoranthene	32.0	36.9		ug/L		115	26 - 137
Fluorene	32.0	34.8		ug/L		109	59 - 121
Hexachlorobenzene	32.0	32.3		ug/L		101	1 - 152
Hexachlorocyclopentadiene	32.0	15.6	J	ug/L		49	5 - 120
Hexachloroethane	32.0	26.9		ug/L		84	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	32.9		ug/L		103	1 - 171
Isophorone	32.0	30.7		ug/L		96	21 - 196
Naphthalene	32.0	29.9		ug/L		93	21 - 133
Nitrobenzene	32.0	30.2		ug/L		94	35 - 180
N-Nitrosodi-n-propylamine	32.0	32.4		ug/L		101	1 - 230
N-Nitrosodiphenylamine	32.0	33.1		ug/L		103	54 - 125
Pentachlorophenol	64.0	55.3		ug/L		86	14 - 176
Phenanthrene	32.0	34.7		ug/L		108	54 - 120
Phenol	32.0	17.6	J	ug/L		55	5 - 120
Pyrene	32.0	36.1		ug/L		113	52 - 120
2,6-Dinitrotoluene	32.0	35.1		ug/L		110	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*98*		*52 - 151*
2-Fluorobiphenyl	*99*		*44 - 120*
2-Fluorophenol	*71*		*17 - 120*
Nitrobenzene-d5	*94*		*15 - 314*
Phenol-d5	*53*		*8 - 424*
p-Terphenyl-d14	*96*		*22 - 125*

Lab Sample ID: LCSD 480-747221/3-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 747221

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	28.7	J	ug/L		90	44 - 142	5	34
1,2-Dichlorobenzene	32.0	28.8	J	ug/L		90	32 - 129	4	38
1,3-Dichlorobenzene	32.0	28.0	J	ug/L		88	1 - 172	3	37
1,4-Dichlorobenzene	32.0	29.1	J	ug/L		91	20 - 124	5	40
2,2'-oxybis[1-chloropropane]	32.0	33.0		ug/L		103	36 - 166	2	36
2,4,6-Trichlorophenol	32.0	32.5		ug/L		102	37 - 144	3	20
2,4-Dichlorophenol	32.0	32.2		ug/L		101	39 - 135	10	23
2,4-Dimethylphenol	32.0	33.0		ug/L		103	32 - 120	9	18
2,4-Dinitrophenol	64.0	78.8		ug/L		123	1 - 191	8	29

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

Lab Sample ID: LCSD 480-747221/3-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 747221

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene			32.0	37.2		ug/L		116	39 - 139	7	20
2-Chloronaphthalene			32.0	30.4		ug/L		95	60 - 120	1	30
2-Chlorophenol			32.0	31.4		ug/L		98	23 - 134	5	26
2-Nitrophenol			32.0	33.7		ug/L		105	29 - 182	7	28
3,3'-Dichlorobenzidine			32.0	32.2		ug/L		101	1 - 262	3	31
4,6-Dinitro-2-methylphenol			64.0	81.2		ug/L		127	1 - 181	5	30
4-Bromophenyl phenyl ether			32.0	33.2		ug/L		104	53 - 127	4	16
4-Chloro-3-methylphenol			32.0	33.3		ug/L		104	22 - 147	10	16
4-Chlorophenyl phenyl ether			32.0	32.5		ug/L		102	25 - 158	0	15
4-Nitrophenol			64.0	48.6		ug/L		76	1 - 132	4	24
Acenaphthene			32.0	35.6		ug/L		111	47 - 145	2	25
Acenaphthylene			32.0	32.7		ug/L		102	33 - 145	3	22
Aniline			32.0	17.1	J	ug/L		53	40 - 120	3	30
Anthracene			32.0	40.7	*1	ug/L		127	27 - 133	17	15
Benzo[a]anthracene			32.0	36.0		ug/L		112	33 - 143	4	15
Benzo[a]pyrene			32.0	35.6		ug/L		111	17 - 163	6	15
Benzo[b]fluoranthene			32.0	36.9		ug/L		115	24 - 159	7	17
Benzo[g,h,i]perylene			32.0	35.6		ug/L		111	1 - 219	8	19
Benzo[k]fluoranthene			32.0	37.0		ug/L		116	11 - 162	6	19
Bis(2-chloroethoxy)methane			32.0	35.2		ug/L		110	33 - 184	8	23
Bis(2-chloroethyl)ether			32.0	36.8		ug/L		115	12 - 158	14	33
Bis(2-ethylhexyl) phthalate			32.0	34.3	J	ug/L		107	8 - 158	8	15
Butyl benzyl phthalate			32.0	35.0		ug/L		109	1 - 152	2	15
Chrysene			32.0	36.8		ug/L		115	17 - 168	9	15
Dibenz(a,h)anthracene			32.0	35.7		ug/L		111	1 - 227	9	18
Diethyl phthalate			32.0	39.4	*+	ug/L		123	1 - 120	3	15
Dimethyl phthalate			32.0	38.1		ug/L		119	1 - 120	7	15
Di-n-butyl phthalate			32.0	36.0		ug/L		113	1 - 120	5	15
Di-n-octyl phthalate			32.0	33.2		ug/L		104	4 - 146	8	15
Fluoranthene			32.0	39.3		ug/L		123	26 - 137	6	15
Fluorene			32.0	36.9		ug/L		115	59 - 121	6	18
Hexachlorobenzene			32.0	35.1		ug/L		110	1 - 152	8	15
Hexachlorocyclopentadiene			32.0	15.3	J	ug/L		48	5 - 120	2	50
Hexachloroethane			32.0	27.3		ug/L		85	40 - 120	1	43
Indeno[1,2,3-cd]pyrene			32.0	36.1		ug/L		113	1 - 171	9	17
Isophorone			32.0	34.1		ug/L		107	21 - 196	11	21
Naphthalene			32.0	31.3		ug/L		98	21 - 133	5	31
Nitrobenzene			32.0	31.4		ug/L		98	35 - 180	4	27
N-Nitrosodi-n-propylamine			32.0	33.9		ug/L		106	1 - 230	5	23
N-Nitrosodiphenylamine			32.0	36.7		ug/L		115	54 - 125	11	15
Pentachlorophenol			64.0	65.6		ug/L		102	14 - 176	17	21
Phenanthrene			32.0	36.7		ug/L		115	54 - 120	6	16
Phenol			32.0	17.9	J	ug/L		56	5 - 120	2	36
Pyrene			32.0	37.2		ug/L		116	52 - 120	3	15
2,6-Dinitrotoluene			32.0	37.7		ug/L		118	50 - 158	7	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*107*		*52 - 151*

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

Lab Sample ID: LCSD 480-747221/3-A
Matrix: Water
Analysis Batch: 747355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 747221

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	105		44 - 120
2-Fluorophenol	71		17 - 120
Nitrobenzene-d5	104		15 - 314
Phenol-d5	53		8 - 424
p-Terphenyl-d14	99		22 - 125

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

Lab Sample ID: MB 480-747228/1-A
Matrix: Water
Analysis Batch: 747331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747228

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		05/28/25 08:59	05/29/25 08:46	1
PCB-1221	ND		0.060	0.038	ug/L		05/28/25 08:59	05/29/25 08:46	1
PCB-1232	ND		0.060	0.038	ug/L		05/28/25 08:59	05/29/25 08:46	1
PCB-1242	ND		0.060	0.038	ug/L		05/28/25 08:59	05/29/25 08:46	1
PCB-1248	ND		0.060	0.038	ug/L		05/28/25 08:59	05/29/25 08:46	1
PCB-1254	ND		0.060	0.031	ug/L		05/28/25 08:59	05/29/25 08:46	1
PCB-1260	ND		0.060	0.031	ug/L		05/28/25 08:59	05/29/25 08:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		10 - 120	05/28/25 08:59	05/29/25 08:46	1
Tetrachloro-m-xylene	93		10 - 126	05/28/25 08:59	05/29/25 08:46	1

Lab Sample ID: LCS 480-747228/2-A
Matrix: Water
Analysis Batch: 747331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747228

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	98		10 - 120
Tetrachloro-m-xylene	87		10 - 126

Lab Sample ID: LCSD 480-747228/3-A
Matrix: Water
Analysis Batch: 747331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 747228

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.04		ug/L		104	69 - 123	3	30
PCB-1260			1.00	1.03		ug/L		103	69 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	99		10 - 120
Tetrachloro-m-xylene	88		10 - 126

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-747300/1-A
Matrix: Water
Analysis Batch: 747460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		05/29/25 08:14	05/29/25 16:48	1
Copper	ND		0.010	0.0045	mg/L		05/29/25 08:14	05/29/25 16:48	1
Lead	ND		0.010	0.0039	mg/L		05/29/25 08:14	05/29/25 16:48	1
Nickel	ND		0.010	0.0034	mg/L		05/29/25 08:14	05/29/25 16:48	1
Zinc	ND		0.010	0.0068	mg/L		05/29/25 08:14	05/29/25 16:48	1

Lab Sample ID: LCS 480-747300/2-A
Matrix: Water
Analysis Batch: 747460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.500	0.490		mg/L		98	85 - 115
Copper	0.500	0.469		mg/L		94	85 - 115
Lead	0.500	0.479		mg/L		96	85 - 115
Nickel	0.500	0.497		mg/L		99	85 - 115
Zinc	0.500	0.499		mg/L		100	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-747293/1-A
Matrix: Water
Analysis Batch: 747410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		05/28/25 15:13	05/29/25 12:49	1

Lab Sample ID: LCS 480-747293/2-A
Matrix: Water
Analysis Batch: 747410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00654		mg/L		98	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-747680/17
Matrix: Water
Analysis Batch: 747680

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			06/01/25 15:42	1

Lab Sample ID: LCS 480-747680/18
Matrix: Water
Analysis Batch: 747680

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	0.0975		mg/L		98	90 - 110

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

Lab Sample ID: MB 480-747413/1
Matrix: Water
Analysis Batch: 747413

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			05/29/25 14:39	1

Lab Sample ID: LCS 480-747413/2
Matrix: Water
Analysis Batch: 747413

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			251	245.6		mg/L		98	88 - 110		

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-747393/1
Matrix: Water
Analysis Batch: 747393

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
pH			7.00	7.0		SU		101	99 - 101		

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-747826/3
Matrix: Water
Analysis Batch: 747826

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			06/03/25 19:01	1

Lab Sample ID: LCS 480-747826/4
Matrix: Water
Analysis Batch: 747826

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	0.197		mg/L as P		99	90 - 110		

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-747514/1
Matrix: Water
Analysis Batch: 747514

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			05/28/25 10:26	1

Lab Sample ID: LCS 480-747514/2
Matrix: Water
Analysis Batch: 747514

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	306.0	*+	mg/L		155	85 - 115		

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

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

Lab Sample ID: 480-229709-1 DU
Client Sample ID: BCC BSA SUMP
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 747514

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Biochemical Oxygen Demand	9.1	b *+		11.58	F3 *+	mg/L				24	20

QC Association Summary

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

Job ID: 480-229709-1

GC/MS VOA

Analysis Batch: 747316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-229709-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-747316/8	Method Blank	Total/NA	Water	624.1	
LCS 480-747316/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 747221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-747221/1-A	Method Blank	Total/NA	Water	625	
LCS 480-747221/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-747221/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 747355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	625.1	747221
MB 480-747221/1-A	Method Blank	Total/NA	Water	625.1	747221
LCS 480-747221/2-A	Lab Control Sample	Total/NA	Water	625.1	747221
LCSD 480-747221/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	747221

GC Semi VOA

Prep Batch: 747228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-747228/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-747228/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-747228/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 747331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	608.3	747228
MB 480-747228/1-A	Method Blank	Total/NA	Water	608.3	747228
LCS 480-747228/2-A	Lab Control Sample	Total/NA	Water	608.3	747228
LCSD 480-747228/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	747228

Metals

Prep Batch: 747293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-747293/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-747293/2-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 747300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-747300/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-747300/2-A	Lab Control Sample	Total/NA	Water	200.7	

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Metals

Analysis Batch: 747410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	245.1	747293
MB 480-747293/1-A	Method Blank	Total/NA	Water	245.1	747293
LCS 480-747293/2-A	Lab Control Sample	Total/NA	Water	245.1	747293

Analysis Batch: 747460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	747300
MB 480-747300/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	747300
LCS 480-747300/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	747300

General Chemistry

Analysis Batch: 747393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-747393/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 747413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-747413/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-747413/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 747514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-747514/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-747514/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-229709-1 DU	BCC BSA SUMP	Total/NA	Water	SM 5210B	

Analysis Batch: 747680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-747680/17	Method Blank	Total/NA	Water	420.4	
LCS 480-747680/18	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 747826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-747826/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-747826/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 748668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-229709-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-229709-1
Date Collected: 05/27/25 15:30
Matrix: Water
Date Received: 05/27/25 17:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	747316	CDC	EET BUF	05/28/25 21:46
Total/NA	Prep	625			747221	JMP	EET BUF	05/28/25 10:17
Total/NA	Analysis	625.1		1	747355	JMM	EET BUF	05/29/25 13:19
Total/NA	Prep	3510C			747228	JMP	EET BUF	05/28/25 10:16
Total/NA	Analysis	608.3		1	747331	MAN	EET BUF	05/29/25 13:44
Total/NA	Prep	200.7			747300	EMO	EET BUF	05/29/25 08:14
Total/NA	Analysis	200.7 Rev 4.4		1	747460	BMB	EET BUF	05/29/25 17:09
Total/NA	Prep	245.1			747293	ESB	EET BUF	05/28/25 15:15
Total/NA	Analysis	245.1		1	747410	ESB	EET BUF	05/29/25 13:22
Total/NA	Analysis	420.4		1	747680	GW	EET BUF	06/01/25 16:12
Total/NA	Analysis	SM 2540D		1	747413	AB	EET BUF	05/29/25 14:39
Total/NA	Analysis	SM 4500 CN G		1	748668	JJP	EET BUF	06/11/25 09:58
Total/NA	Analysis	SM 4500 H+ B		1	747393	AB	EET BUF	05/29/25 12:12
Total/NA	Analysis	SM 4500 P E		25	747826	GW	EET BUF	06/03/25 19:01
Total/NA	Analysis	SM 5210B		1	747514	CG	EET BUF	05/28/25 10:26

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-229709-2
Date Collected: 05/27/25 15:30
Matrix: Water
Date Received: 05/27/25 17:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	747316	CDC	EET BUF	05/28/25 22:10

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

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	03-31-26

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.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

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.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-229709-1	BCC BSA SUMP	Water	05/27/25 15:30	05/27/25 17:13
480-229709-2	TRIP BLANK	Water	05/27/25 15:30	05/27/25 17:13

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-229709-1
Project/Site: Quarterly BSA SUMP

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

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

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

Chain of Custody Record

eurofins | Environment Testing

BSA Sump

Client Information	Sampler: Taylor Kunzelman	Lab PM: Schove, John R	Carrier Tracking No(s): OSC	COC No: 480-204415-6057.1
Client Contact: Kirsten Colligan	Phone: 716-480-3282	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:			Job #: 16011
Address: 140 Lee St	Due Date Requested: 2 WEEKS			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14210	Compliance Project: X Yes Δ No			
Phone: 716-856-3333	PO #: ~~67623~~ 67640			
Email: kcolligan@oscinc.com	WO #:			
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu	Project #: 48003159			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
S - H2SO4
D - HNO3
N - None
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	4500_P_E - Phosphorus	200.7; 245.1	420.4_NP - 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:
			Preservation Code:				S	D	S	N	N	N	N	N	B	N		
BCC BSA SUMP	5-27-25	15:30	G	Water			1	1	1	8	2	1	1	1	1	1		
Trip Blank	↓	15:30	G	Water						2								

480-229709 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Jeff a Thurston	5-27-25 17:10	OSC	Jack Pollan	5/27/25 17:13	
2	Relinquished by:	Date/Time:	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☒ Yes Δ No | Custody Seal No.: 261 0755

Cooler Temperature(s) °C and Other Remarks: 14.0 + CF IR#SC

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-229709-1

Login Number: 229709

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	14.0 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 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.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

October 30, 2025

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 #25-01-BU109
OSC Project ID: 16011

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of July 1 through September 30, 2025. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #25-01-BU109.

Included with the report are:

Operation log sheets;
A copy of the current BSA discharge permit;
Process & Instrumentation Diagram
DRAFT Conveyance Layout
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. #25-01-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: July 1, 2025 through September 30, 2025

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 conveyance to the treatment system 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-4A, EW-6, EW-7 and EW-8 flow totalizers, plus any flow from the Area D well pumping. All samples gathered were grab samples and analysis was provided by Eurofins Laboratory located in Amherst, NY. The sample event analytical results are attached.

Total Flow Data by Month:	
July 2025	393,000 gallons
August 2025	569,000 gallons
September 2025	467,000 gallons
Total 3rd Quarter Discharge	1,399,000 gallons

Estimated Area D contribution this period:
4,770 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	Year: 2025	Event Group: SUMP
Sample Date:	8/21/2025		Month: SEP	Lab Job ID: J232008-1
Sample Location:	Onsite Pump Station to BSA			

BSA Permit Parameter		Input Analytical Results			Converted Analytical Results		BSA Daily Max Discharge Limit		Permit Compliance	MAID mg/L	Quantity mg/L	Permit Compliance
Chemical	CAS No. / Method ID	Quantity	Reporting Limit	Unit	Quantity	Unit	Quantity	Unit				
pH	PH	7.7	0.100	SU	7.70	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	6.7	2.0	mg/L	6.7	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	ND	0.010	mg/L	ND	lbs/day	1.67	lbs/day	Yes	20	ND	Yes
Total Chromium	7440-47-3	ND	0.0040	mg/L	ND	lbs/day	0.83	lbs/day	Yes	40	ND	Yes
Total Copper	7440-50-8	0.0047	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0047	Yes
Lead	7439-92-1	ND	0.0050	mg/L	ND	lbs/day	0.541	lbs/day	Yes	65	ND	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	ND	0.010	mg/L	ND	lbs/day	1.17	lbs/day	Yes	14	ND	Yes
Zinc	7440-66-6	ND	0.010	mg/L	ND	lbs/day	2.046	lbs/day	Yes	25	ND	Yes
Amendable Cyanide	CAN	0.017	0.010	mg/L	0.002	lbs/day	2.59	lbs/day	Yes	6.2	0.017	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	ND	40	ug/L	ND	lbs/day	50	lbs/day	Yes	0.01	ND	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	0.54	5	ug/L	0.0001	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	0.54	25	ug/L	0.001	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	ND	4.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	1.3	0.010	mg/L	1.300	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	10.68	-	gpm	15,374	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	5,340,000	7/1/2025
Final Reading	6,739,000	9/30/2025
Total Days in Period	91	
Total Flow for Period	**1,399,000**	gallons
Average Flow for Period	**10.68**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

February 12, 2025

Ms. Kirsten Colligan
Project Manager
140 Lee Street
Buffalo, New York 14210

RE: **B.P.D.E.S. Permit #25-01-BU109**

Dear Ms. Colligan:

Enclosed is your new BPDES Permit #25-01-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

Elizabeth Scheeler
Industrial Waste Administrator

AUTHORIZATION TO DISCHARGE UNDER BUFFALO

POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NUMBER: 25-01-BU109

USEPA Category: 40 CFR 403

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

South Buffalo Development, LLC

To discharge wastewater from a facility located at:

Areas A & D from the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, NY 14210

To the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on June 15, 2024, and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Part I and II hereof.

Effective this 1st day of January, 2025

To Expire the 31st day of December, 2027

Principal Sanitary Engineer
General Manager, Buffalo Sewer Authority

Issued this 10th day of February, 2025

PART 1: 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 outfall(s) (see attached map) shall be limited and monitored **quarterly** by the permittee as specified below:

Sampling for the pollutants below will be conducted at Sample 001.

Sample Point 001 is located — Flow Proportional Grab Samples from the Two Spigots Post Filtration from the Pre-Treatment Systems Contained Inside the On-site Trailer

Sample Point 001: Footnotes found on page 4 & 5

Regulation		Discharge Limit	Discharge Limit	Discharge limit	Discharge Limit	M.A.I.D (1)	Sampling Requirement	Sampling Requirement
40 CFR	Parameter	Daily	Daily	Monthly	Monthly		Time Period	Type(2)
		Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)		
403	Total Phenol		2.00			20.0	1 Day	Composite
403	Total Chromium (5)		1.00			40.0	1 Day	Composite
403	Total Copper(5)		0.80			16.0	1 Day	Composite
403	Total Lead(5)		0.65			65.0	1 Day	Composite
403	Total Nickel(5)		1.40			14.0	1 Day	Composite
403	Total Mercury(5)		0.00040			0.0008	1 Day	Composite
403	Total Zinc(5)		2.46			25.0	1 Day	Composite
403	Amenable Cyanide(5)		3.11			6.20	1 Day	Composite
403	Total Toxic Organics (4)						1 Day	Composite
403	Aniline					0.125	1 Day	Composite
403	Benzene					0.142	1 Day	Composite
403	Chloro-benzene					0.310	1 Day	Composite
403	1,2-Dichloro-benzene					0.472	1 Day	Composite

Sample Point 001

Regulation		Discharge Limit	Discharge Limit	Discharge Limit	Discharge Limit	M.A.I.D (1)	Sampling Requirement	Sampling Requirement
40 CFR	Parameter	Daily	Daily	Monthly	Monthly		Time Period	Type(2)
		Conc. mg/L)	Mass (lbs.)(4)	Conc. (mg/L)	Mass (lbs.)(3)	Conc. (mg/L)		
403	Fluoran-thene					0.100	1 Day	Composite
403	Acenaph-thylene					0.314	1 Day	Composite
403	Naph-thalene					0.314	1 Day	Composite
403	Anthra-cene					0.314	1 Day	Composite
403	Fluorene					0.314	1 Day	Composite
403	Phenan-threne					0.314	1 Day	Composite
403	B.O.D.(5,6)	250.0					1 Day	Composite
403	Total Suspended Solids(5,6)	250.0					1 Day	Composite
403	Total Phosphates (5,6)	15.35					1 Day	Composite
403	Discharge Flow(7)	60,000					1 Day	Meter(7)
403	pH (s.u.)(8)	5.0-12.0					1 Day	Grab

PART 1: SPECIFIC CONDITIONS

B. Footnotes:

1. M.A.I.D.- Maximum Allowable Instantaneous Discharge (also called a slug limit).

2. Sampling Requirement, Sampling Type:

    a. Grab sample: A single discreet sample collected over a period that is not to exceed 15 minutes.
    b. Composite sample: The two methods of obtaining a composite sample are flow-proportional composite sampling or time-proportional composite sampling. Please indicate the sampling method utilized.

3. The Discharge Limitation Daily and Monthly Mass, is in pounds (lbs.). This limit was calculated using peak discharge flow of 60,000 gallons per day.

4. The analysis for Total Toxic Organics (TTO) shall be conducted using the following analytical test methods; EPA Test Method 608- Organochlorine Pesticides and PCBs, EPA Test Method 624- Volatile Organics and EPA Test Method 625- Semi-Volatile Organics. Four grab samples must be properly taken and preserved over an equally spaced period during a normal discharge day. The four grab samples must be flow proportionally composited.

    The permittee must report any pollutant parameter from the TTO analytical results whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the pollutant parameters evaluated by these procedures which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may at the discretion of the Buffalo Sewer Authority, be specifically limited and incorporated into this discharge permit.

    Once the initial monitoring report with the TTO analytical results have been submitted, a Toxic Organic Management Plan (TOMP) may be developed that, if approved, will relieve the company from conducting additional TTO analysis, for the duration of the discharge permit. The Toxic Organic Management Plan (TOMP) must contain the following:
    a. a list of the toxic organic compounds that will be at the facility,
    b. amounts of toxic organic compounds that will be stored at the facility,
    c. procedures to prevent spills or leaks of toxic organic compounds into the sewer system,
    d. methods of disposal of these toxic compounds; and
    e. records/invoices/manifests showing these disposal methods.

B. FOOT NOTES- continued

If the company submits an approved Toxic Organic Solvent Management Plan (TOMP), then in lieu of monitoring for TTO the following statement must be included with every monitoring report:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and Belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the control authority."

5. The Discharge Limitation for these parameters are local discharge limits that the Buffalo Sewer Authority has developed to protect the Bird Island Treatment Plant.

6. If the parameter is over the stated limit, then that parameter is surchargeable.

7. The discharge meter must be calibrated on an annual basis. With every monitoring report, the daily sampling must include discharge meter readings for that sample day. 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 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.

8. 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. This record must always be available for BSA inspection.

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.

PART 1: SPECIFIC CONDITIONS

C. DISCHARGE MONITORING REPORTING REQUIREMENTS

1. During the period beginning the effective date of this permit 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	Initial Report	Subsequent Reports
001	All parameters	January 31, 2025	April 30, 2025
			July 31, 2025
			October 31, 2025
			January 31, 2026
			April 30, 2026
			July 31, 2026
			October 31, 2026
			January 31, 2027
			April 30, 2027
			July 31, 2027
			October 31, 2027

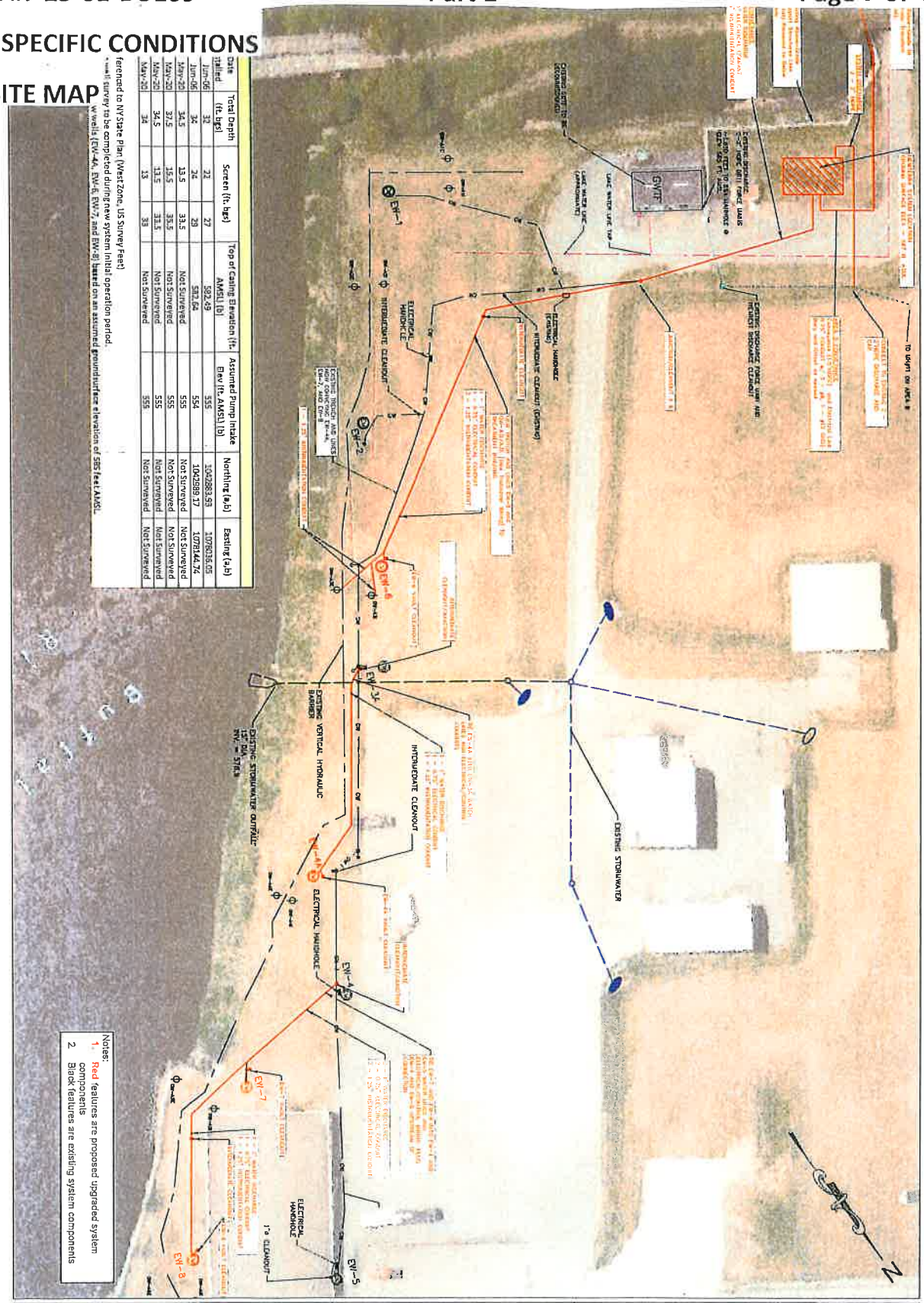
2. To renew your Discharge Permit, a Discharge Permit Application is required six months prior to the expiration of this permit. Please submit by June 30, 2027.

Part I: SPECIFIC CONDITIONS

D. SITE MAP

Date Installed	Total Depth (ft. bgs)	Screen (ft. bgs)	Top of Casing Elevation (ft. AMSL) (b)	Assumed Pump Intake Elev (ft. AMSL) (b)	Northing (a,b)	Easting (a,b)
Jun-06	32	22	582.49	555	1042883.93	1078036.05
Jun-06	34	24	582.64	554	1042588.17	1078144.74
May-20	34.5	13.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	37.5	35.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	34.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
May-20	34	33	Not Surveyed	555	Not Surveyed	Not Surveyed

* well survey to be completed during new system initial operation period.
(a) referenced to NY State Plan (West Zone, US Survey Feet)
(b) wells EW-4A, EW-6, EW-7, and EW-8 based on an assumed groundsurface elevation of 585 feet AMSL



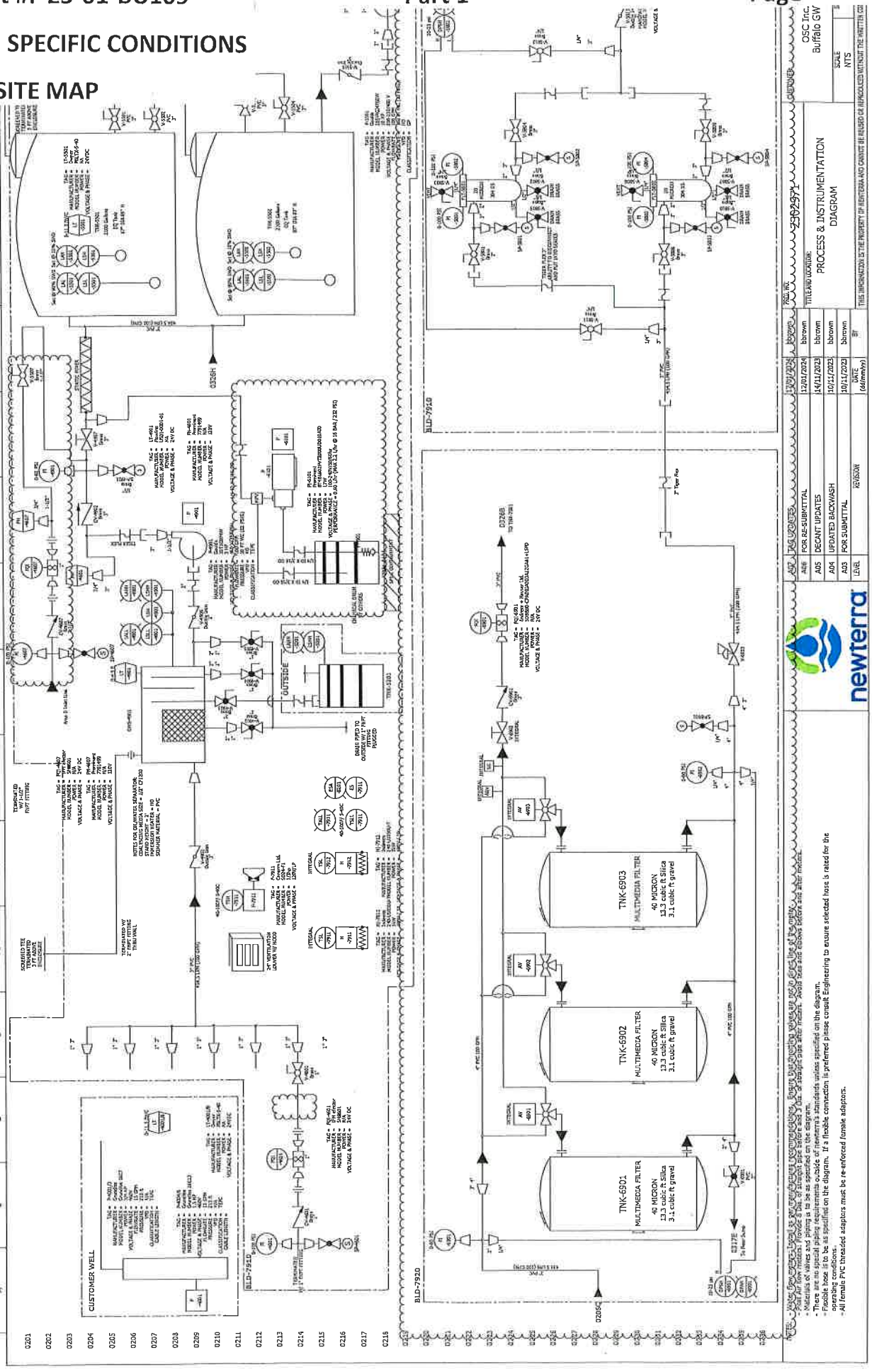
INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
www.InventumEng.com

CONVEYANCE LAYOUT
DRAFT 03/08/24
SOUTH BUFFALO DEVELOPMENT, LLC
AREA A

SHEET 1

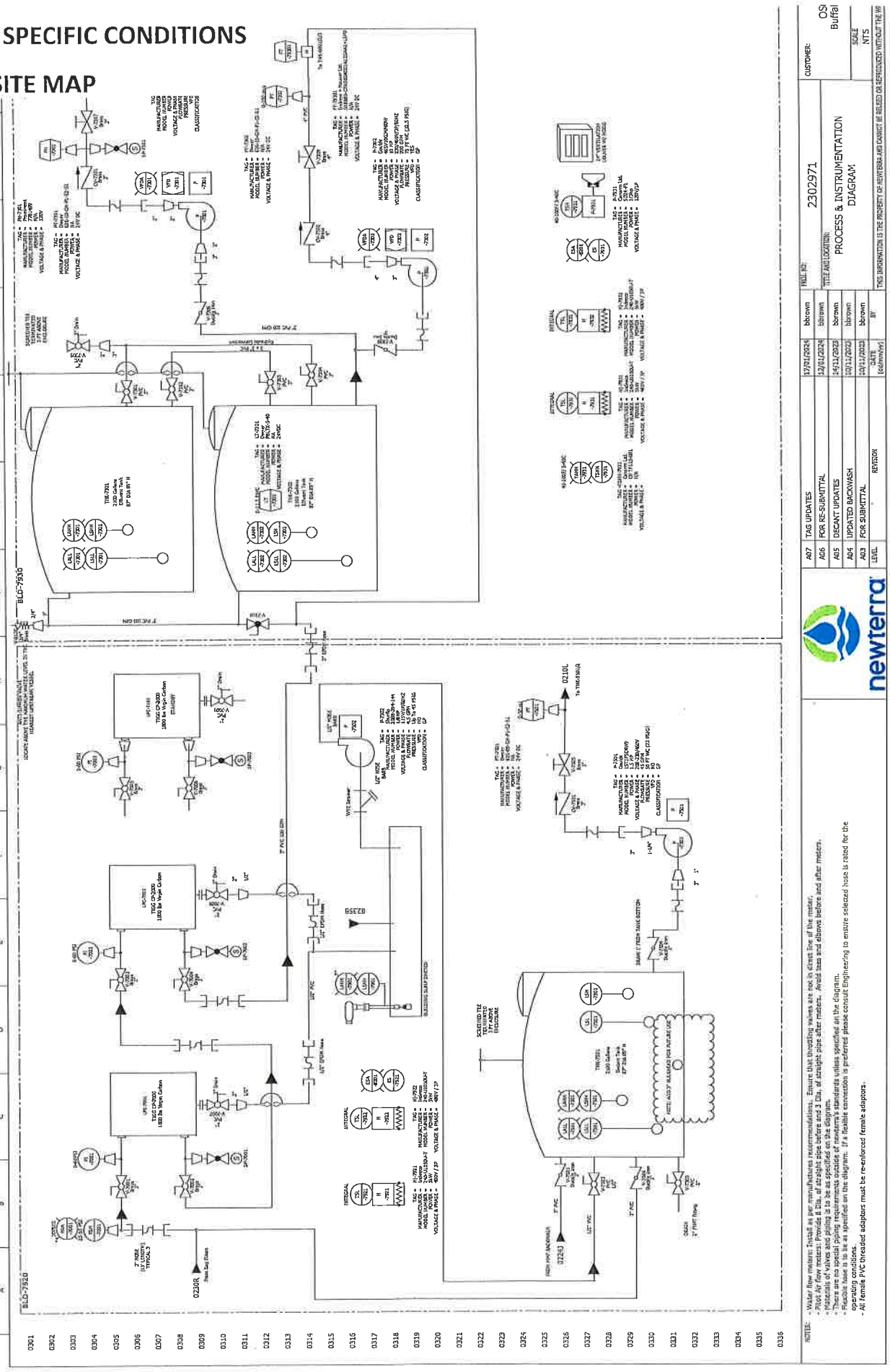
Part I: SPECIFIC CONDITIONS

E. SITE MAP



Part I: SPECIFIC CONDITIONS

F. SITE MAP



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.

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. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the permittee to immediately notify the B.S.A. Treatment Plant at 883-1820 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. 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 883-1820 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 noncomplying discharge.

5. 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.

6. 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.

7. 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.

8. 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.

9. Treatment Bypasses

a. A bypass of the treatment system is prohibited unless the following conditions are met:

(i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or

(ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and

(iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.

b. Industrial users must provide immediate notice to the Industrial Waste Section upon discovery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent it's recurrence.

c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

a. Violation of any terms or conditions of this permit,

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

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

3. Civil and Criminal Liability

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

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and the "Sewer Regulations for Erie County Sewer Districts" provides that any person who violates a B.P.D.E.S. permit condition is liable to the Authority for a civil penalty of up to $10,000.00 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

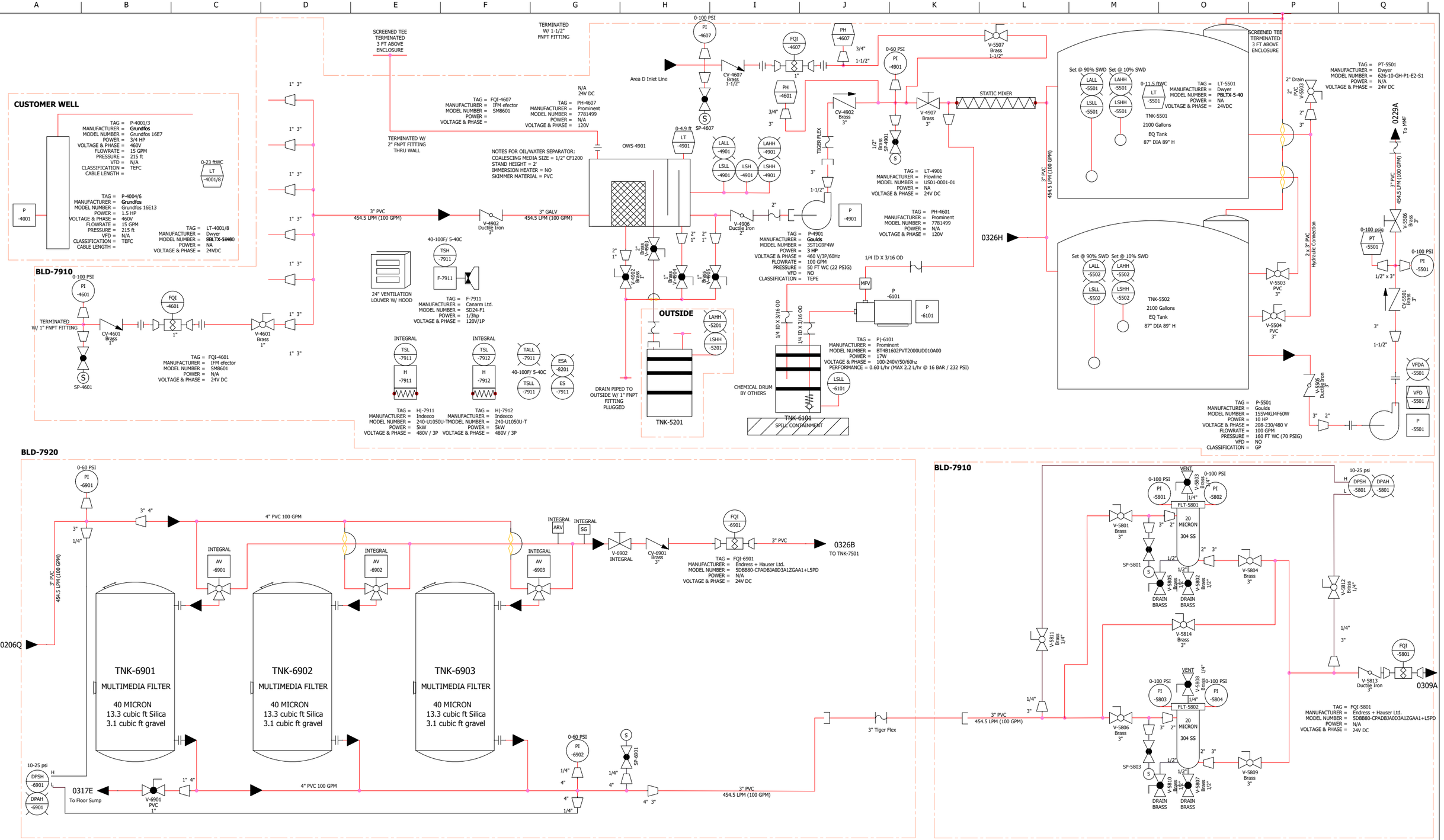
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Process & Instrumentation Diagram



NOTES:
- Water flow meters: Install as per manufactures recommendations. Ensure that throttling valves are not in direct line of the meter.
- Pitot Air flow meters: Provide 8 Dia. of straight pipe before and 3 Dia. of straight pipe after meters. Avoid tees and elbows before and after meters.
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- All female PVC threaded adaptors must be re-enforced female adaptors.

newterra

LEVEL	REVISION	DATE (dd/mm/yy)	BY
C01	AS-BUILTS	29/07/2024	bbrown
B01	FOR PRODUCTION	29/07/2024	bbrown
A07	TAG UPDATES	17/01/2024	bbrown
A06	FOR RE-SUBMITTAL	12/01/2024	bbrown
A05	DECANT UPDATES	14/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	2	4

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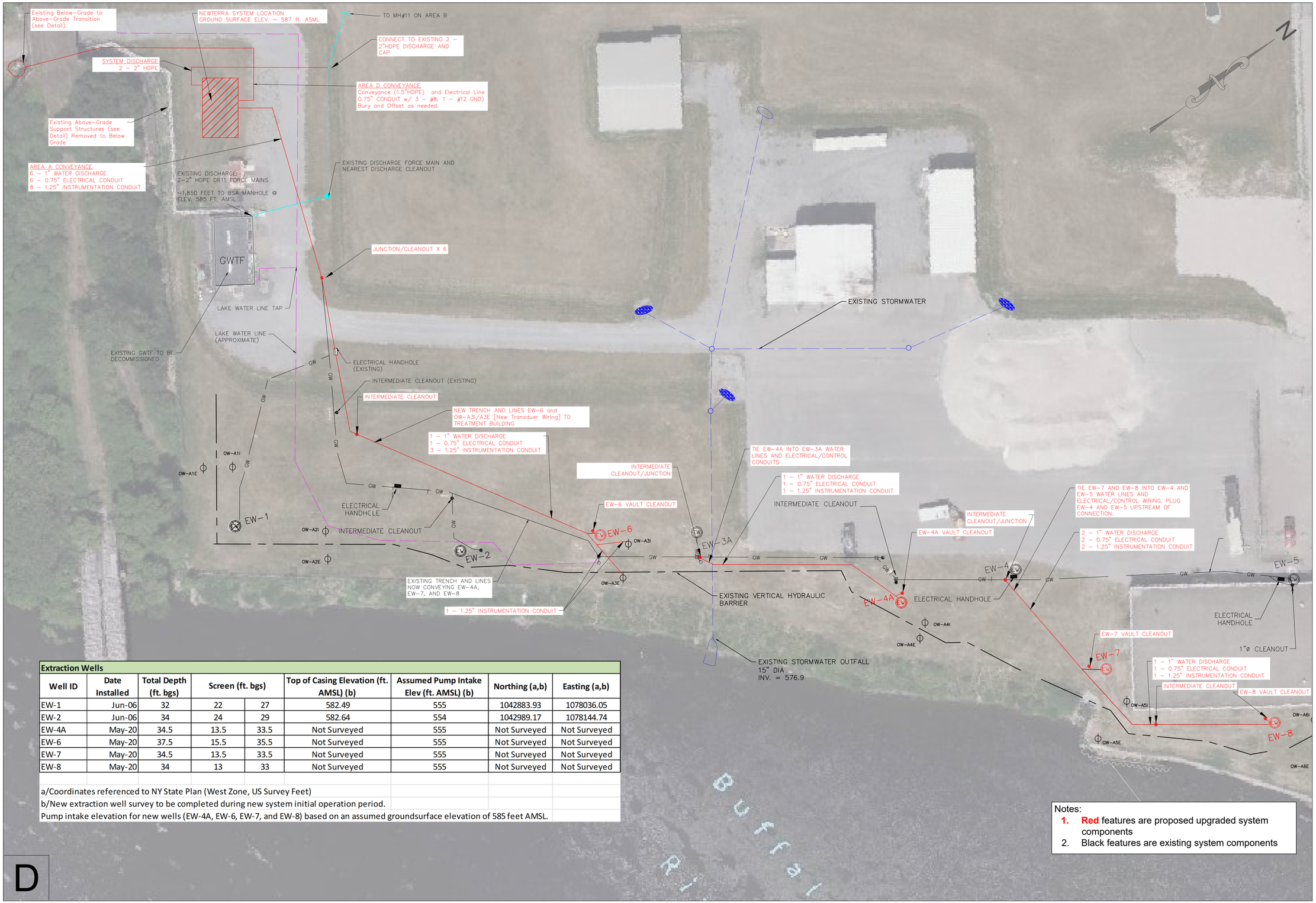
DRAFT Conveyance Layout



Extraction Wells								
Well ID	Date Installed	Total Depth (ft. bgs)	Screen (ft. bgs)		Top of Casing Elevation (ft. AMSL) (b)	Assumed Pump Intake Elev (ft. AMSL) (b)	Northing (a,b)	Easting (a,b)
EW-1	Jun-06	32	22	27	582.49	555	1042883.93	1078036.05
EW-2	Jun-06	34	24	29	582.64	554	1042989.17	1078144.74
EW-4A	May-20	34.5	13.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-6	May-20	37.5	15.5	35.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-7	May-20	34.5	13.5	33.5	Not Surveyed	555	Not Surveyed	Not Surveyed
EW-8	May-20	34	13	33	Not Surveyed	555	Not Surveyed	Not Surveyed

a/Coordinates referenced to NY State Plan (West Zone, US Survey Feet)
b/New extraction well survey to be completed during new system initial operation period.
Pump intake elevation for new wells (EW-4A, EW-6, EW-7, and EW-8) based on an assumed groundsurface elevation of 585 feet AMSL.

Notes:
1. **Red** features are proposed upgraded system components
2. Black features are existing system components

D

DRAWING BY
CHECKED
APPROVED

PROPERTY OF INVENTUM ENGINEERING

IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. IN ACCEPTANCE HEREOF, IT IS AGREED THAT IT SHALL NOT BE REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN THOSE FOR WHOM IT WAS PREPARED, NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF INVENTUM ENGINEERING.

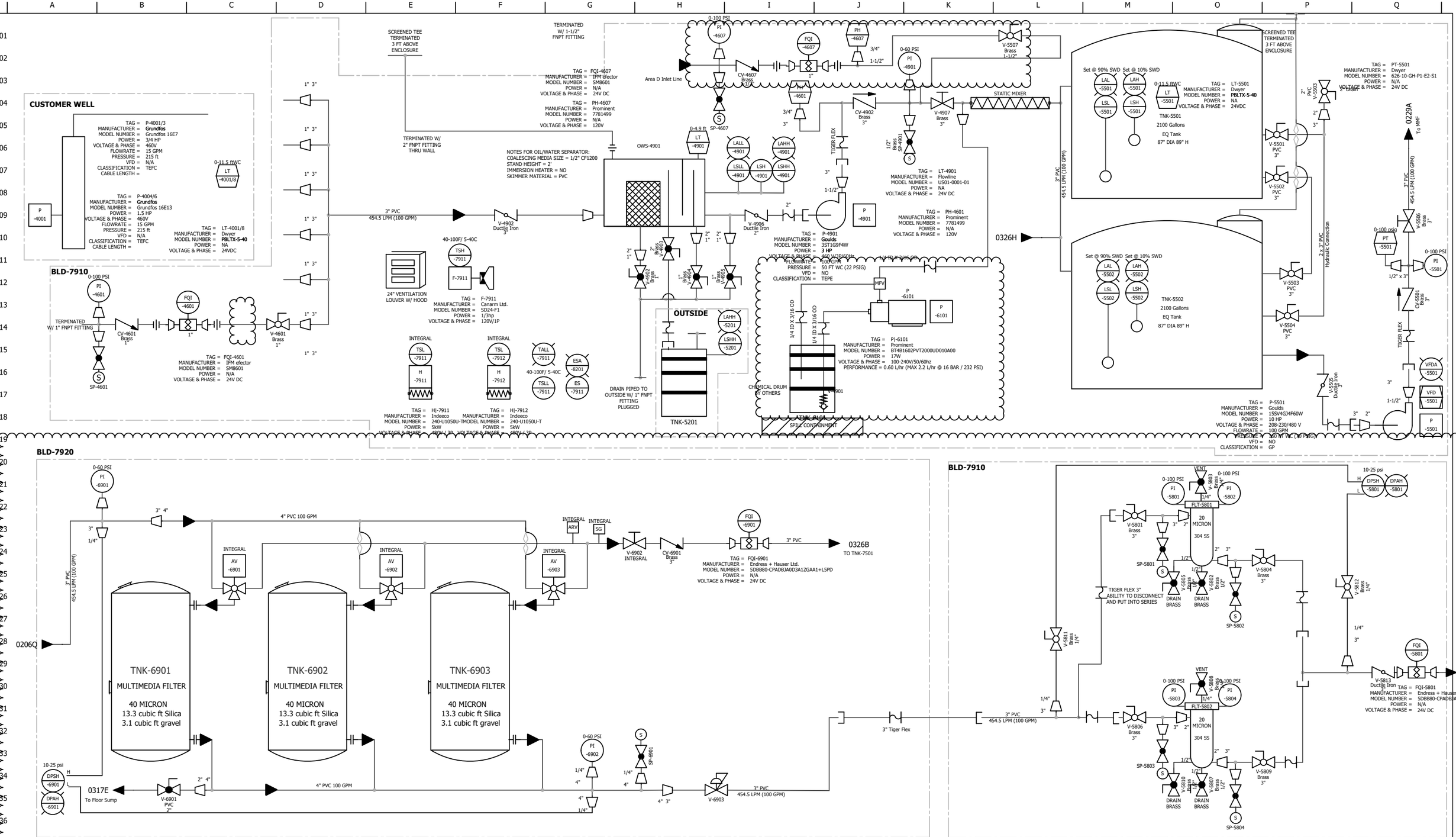
NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IT IS A VIOLATION OF STATE LAW FOR ANY PERSONS, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY.

CONVEYANCE LAYOUT
DRAFT 03/08/24
SOUTH BUFFALO DEVELOPMENT, LLC
AREA A

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

SHEET 1

1" = 30'
30' 15' 0' 30'



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A04	UPDATED BACKWASH	10/11/2023	bbrown
A03	FOR SUBMITTAL	10/11/2023	bbrown

PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	2	4

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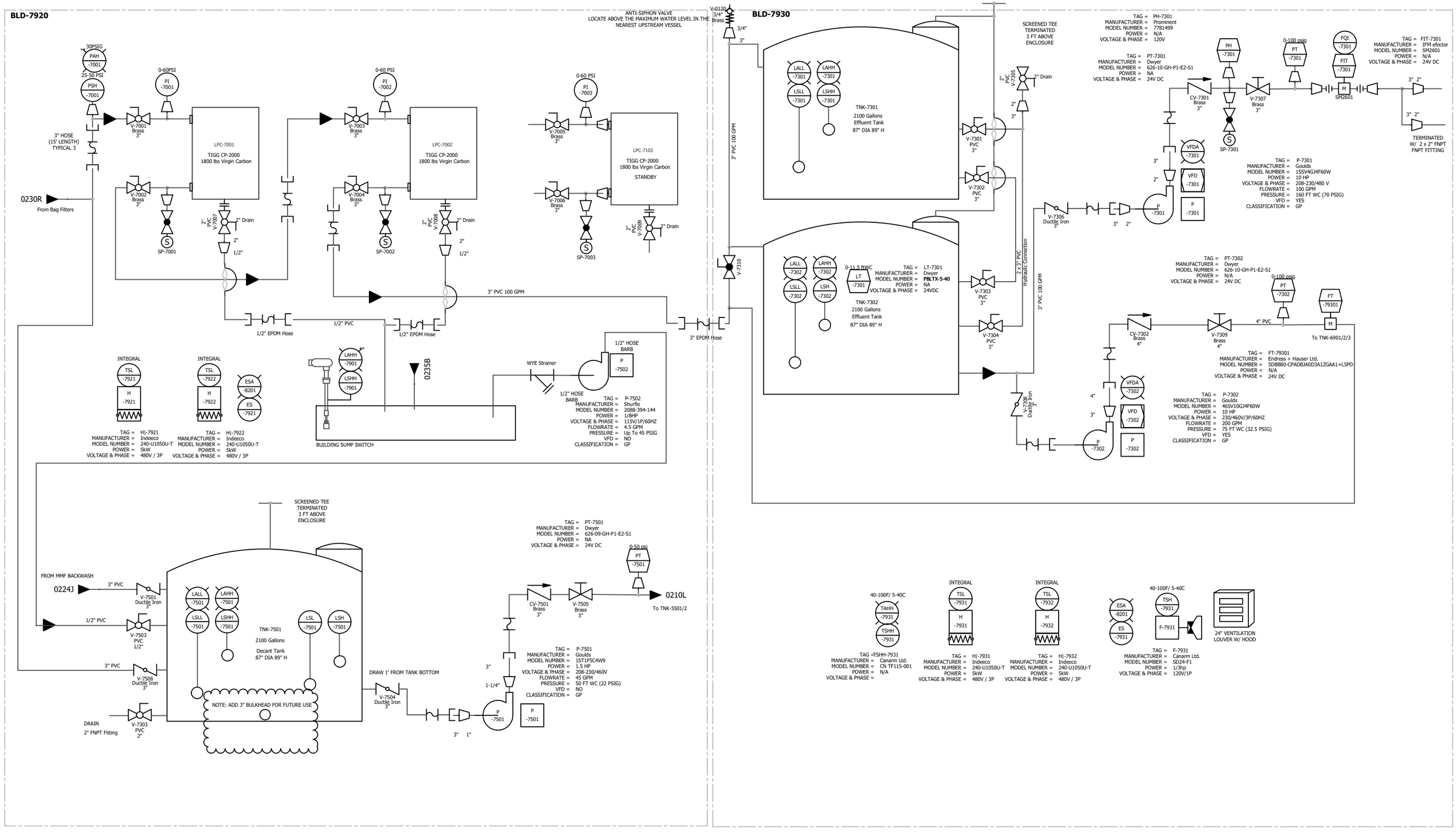

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newterra

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PROJ. NO: 2302971

TITLE AND LOCATION: PROCESS & INSTRUMENTATION DIAGRAM

CUSTOMER: OSC Inc. Buffalo GWTS

SCALE	SHEET	SHEETS
NTS	3	4

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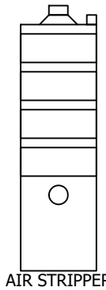
VALVES AND PIPING

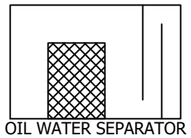
NO NC

- BALL VALVE -
- GATE VALVE -
- GLOBE VALVE -
- NEEDLE VALVE -
- SLIDE VALVE -
- SOLENOID VALVE -
- BUTTERFLY VALVE -
- SWING CHECK VALVE -
- WAFER CHECK VALVE -
- SPRING CHECK VALVE -
- WYE STRAINER -
- SAMPLE PORT -
- PRESSURE RELIEF VALVE -
- VACUUM RELIEF VALVE -
- CAMLOCK CONNECTION -
- FLEXIBLE CONNECTION -
- FLANGED CONNECTION -
- REDUCER -
- UNION -
- ADSORBENT FILTER - (A TWIST DRAIN, A AUTO DRAIN)
- COALESCING FILTER - (TWIST DRAIN, AUTO DRAIN)
- PARTICULATE FILTER - (TWIST DRAIN, AUTO DRAIN)
- FILTER, SILENCER -
- PRESSURE REGULATOR -
- REGULATOR W/ FILTER -

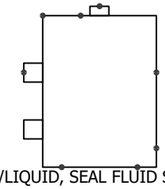
EQUIPMENT



AIR STRIPPER

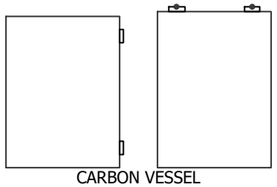


OIL WATER SEPARATOR

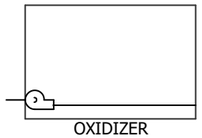


VAPOR/LIQUID, SEAL FLUID SEPARATOR

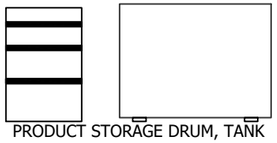
BAG FILTER



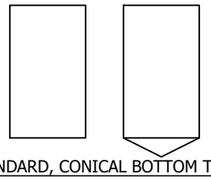
CARBON VESSEL



OXIDIZER

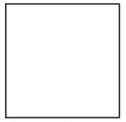


PRODUCT STORAGE DRUM, TANK

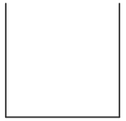


STANDARD, CONICAL BOTTOM TANK

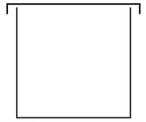
EQUIPMENT



CLOSED TOP TANK

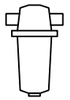


OPEN TOP TANK

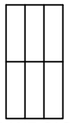


OPEN TOP TANK WITH LID

AIR DIFFUSER ASSEMBLY



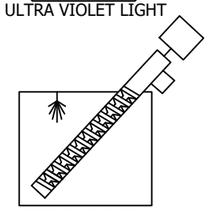
STRAINER/FILTER



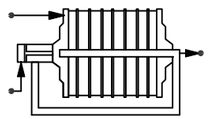
MEMBRANE CASSETTE

NO CLOG SPRAYER ASSEMBLY

ULTRA VIOLET LIGHT



ROTARY SCREEN



FILTER PRESS

EQUIPMENT

- CENTRIFUGAL PUMP -
- PROGRESSIVE-CAVITY PUMP -
- CHEMICAL-INJECTION PUMP -
- CENTRIFUGAL, REGENERATIVE BLOWER -
- POSITIVE-DISPLACEMENT BLOWER -
- ROTARY-CLAW BLOWER -
- LINEAR BLOWER -
- LIQUID-RING PUMP -
- ROTARY-VANE COMPRESSOR -
- RECIPROCATING COMPRESSOR -
- PASSIVE COOLING FINS -
- HEAT EXCHANGER -
- EDUCTOR -
- MAGNETIC FLOWM METER - (M)
- AVERAGING PITOT TUBE -
- VENTURI -
- ROTOMETER -
- WATER FLOW METER -

INSTRUMENTATION IDENTIFIERS

	FIRST LETTERS		SUCCEEDING LETTERS		
	MEASURED/INITIATING VARIABLE	VARIABLE MODIFIER	READOUT/PASSIVE FUNCTION	OUTPUT/ACTIVE FUNCTION	FUNCTION MODIFIER
A	ANALYSIS		ALARM		
B	BURNER, COMBUSTION				
C	CYCLE	CONTROL		CONTROL	CLOSE
D		DIFFERENCE, DIFFERENTIAL			DEVIATION
E	VOLTAGE		SENSOR, PRIMARY ELEMENT		
F	FLOW, FLOW RATE	RATIO			
G	GAS (LEL)		GLASS, GAUGE, VIEWING DEVICE		
H	HAND			HAND	HIGH
I	CURRENT		INDICATE		
J	POWER		SCAN		
K	TIME, SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	MONITOR			MOTORIZED	MIDDLE, INTERMED
N					
O			ORIFICE, RESTRICTION		OPEN
P	PRESSURE		POINT(TESTCONNEC'N)	PNEUMATIC	
Q	QUANTITY	INTEGRATE, TOTALIZE	INTEGRATE TOTALIZE		
R	RADIATION		RECORD		RUN
S	SPEED, FREQUENCY	SAFETY		SWITCH, SOLENOID	STOP
T	TEMPERATURE			TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	
V	VIBRATION, MECHANICAL ANALYSIS, VACUUM			VALVE, DAMPER, LOUVER	
W	WEIGHT, FORCE		WELL, PROBE		
X	UNCLASSIFIED	X-AXIS	ACCESSORY DEVICES, UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT, STATE, PRESENCE	Y-AXIS		AUXILIARY DEVICES	
Z	POSITION, DIMENSION	Z-AXIS, SAFETY INSTRUMENTED SYSTEM		DRIVER, ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

- INDICATING INSTRUMENT
- DIGITAL INPUT TO CONTROL PANEL
- DIGITAL INPUT CAUSING ALARM
- DIGITAL INPUT CAUSING SYSTEM SHUTDOWN ALARM
- ANALOG INPUT TO CONTROL PANEL
- ANALOG OUTPUT FROM CONTROL PANEL

AS - AIR STRIPPER
BLD - BUILDING, TRAILER, OR SKID
FLT - FILTER VELLEL
LPC - LIQUID-PHASE CARBON VESSEL
MFD - MANIFOLD
OWS - OIL/WATER SEPARATOR
OX - OXIDIZER
PST - PRODUCT STORAGE TANK
SOS - SEAL OIL SEPARATOR
SWS - SEAL WATER SEPARATOR
TNK - TANK
VLS - VAPOR/LIQUID SEPARATOR
VPC - VAPOR-PHASE CARBON VESSEL

NOTES:

newterra

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A07	TAG UPDATES	17/01/2024	bbrown
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PROJ. NO: 2302971

TITLE AND LOCATION: LEGEND

CUSTOMER: OSC Inc. Buffalo GWTS

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NTS	4	4

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Laboratory Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/5/2025 8:28:06 AM

JOB DESCRIPTION

Quarterly BSA SUMP
Buffalo Color - Quarterly Sump

JOB NUMBER

480-232008-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

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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9/5/2025 8:28:06 AM

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

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QC Association Summary 20
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Method Summary 24
Sample Summary 25
Detection Limit Exceptions Summary 26
Chain of Custody 27
Receipt Checklists 28

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

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
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

Job ID: 480-232008-1 Eurofins Buffalo

Job Narrative
480-232008-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/21/2025 2:50 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 15.3°C.

GC/MS VOA
Method 624.1_PREC: The following Volatile sample was composited by the laboratory on 08/22/2025 as requested by the client: BCC BSA SUMP (480-232008-1).
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 preservative used in the sample containers provided is not compatible with the Method 624 analytes requested.
The following samples were received preserved with hydrochloric acid: BCC BSA SUMP (480-232008-1) and TRIP BLANK (480-232008-2). The requested target analyte list contains 2-Chloroethyl vinyl ether and/or Acrolein, which are acid-labile compounds that degrade in an acidic medium.

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

GC/MS Semi VOA
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 480-755291.

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 5210B: The following sample was received outside of holding time: BCC BSA SUMP (480-232008-1).

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 (480-232008-1).

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

Detection Summary

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

Job ID: 480-232008-1

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-232008-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0047	J	0.010	0.0045	mg/L	1		200.7 Rev 4.4	Total/NA
Cyanide, Amenable	0.017		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	7.7	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.1	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	1.3		0.020	0.010	mg/L as P	2		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	6.7	H	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-232008-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.54	J	5.0	0.48	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-232008-1
Date Collected: 08/21/25 13:00
Matrix: Water
Date Received: 08/21/25 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			08/22/25 18:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/22/25 18:15	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/22/25 18:15	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/22/25 18:15	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/22/25 18:15	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/22/25 18:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/22/25 18:15	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/22/25 18:15	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/22/25 18:15	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/22/25 18:15	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/22/25 18:15	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/22/25 18:15	1
Acrolein	ND		100	17	ug/L			08/22/25 18:15	1
Acrylonitrile	ND		50	1.9	ug/L			08/22/25 18:15	1
Benzene	ND		5.0	0.60	ug/L			08/22/25 18:15	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/22/25 18:15	1
Bromoform	ND		5.0	0.47	ug/L			08/22/25 18:15	1
Bromomethane	ND		5.0	1.2	ug/L			08/22/25 18:15	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/22/25 18:15	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/22/25 18:15	1
Chloroethane	ND		5.0	0.87	ug/L			08/22/25 18:15	1
Chloroform	ND		5.0	0.54	ug/L			08/22/25 18:15	1
Chloromethane	ND		5.0	0.64	ug/L			08/22/25 18:15	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/22/25 18:15	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/22/25 18:15	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/22/25 18:15	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/22/25 18:15	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/22/25 18:15	1
Toluene	ND		5.0	0.45	ug/L			08/22/25 18:15	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/22/25 18:15	1
Trichloroethene	ND		5.0	0.60	ug/L			08/22/25 18:15	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/22/25 18:15	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/22/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*08/22/25 18:15*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*08/22/25 18:15*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/22/25 18:15*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*08/22/25 18:15*	*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		08/26/25 08:47	08/27/25 16:57	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		08/26/25 08:47	08/27/25 16:57	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		08/26/25 08:47	08/27/25 16:57	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		08/26/25 08:47	08/27/25 16:57	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		08/26/25 08:47	08/27/25 16:57	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		08/26/25 08:47	08/27/25 16:57	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-232008-1
Date Collected: 08/21/25 13:00
Matrix: Water
Date Received: 08/21/25 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		08/26/25 08:47	08/27/25 16:57	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 16:57	1
2-Chloronaphthalene	ND		20	0.91	ug/L		08/26/25 08:47	08/27/25 16:57	1
2-Chlorophenol	ND		20	0.66	ug/L		08/26/25 08:47	08/27/25 16:57	1
2-Nitrophenol	ND		20	0.70	ug/L		08/26/25 08:47	08/27/25 16:57	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 16:57	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		08/26/25 08:47	08/27/25 16:57	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 16:57	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		08/26/25 08:47	08/27/25 16:57	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		08/26/25 08:47	08/27/25 16:57	1
4-Nitrophenol	ND		40	1.9	ug/L		08/26/25 08:47	08/27/25 16:57	1
Acenaphthene	ND		20	0.81	ug/L		08/26/25 08:47	08/27/25 16:57	1
Acenaphthylene	ND		20	0.87	ug/L		08/26/25 08:47	08/27/25 16:57	1
Aniline	ND		40	1.5	ug/L		08/26/25 08:47	08/27/25 16:57	1
Anthracene	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 16:57	1
Benzidine	ND		320	54	ug/L		08/26/25 08:47	08/27/25 16:57	1
Benzo[a]anthracene	ND		20	1.1	ug/L		08/26/25 08:47	08/27/25 16:57	1
Benzo[a]pyrene	ND		20	1.3	ug/L		08/26/25 08:47	08/27/25 16:57	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		08/26/25 08:47	08/27/25 16:57	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		08/26/25 08:47	08/27/25 16:57	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		08/26/25 08:47	08/27/25 16:57	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		08/26/25 08:47	08/27/25 16:57	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		08/26/25 08:47	08/27/25 16:57	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		08/26/25 08:47	08/27/25 16:57	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		08/26/25 08:47	08/27/25 16:57	1
Chrysene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		08/26/25 08:47	08/27/25 16:57	1
Diethyl phthalate	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
Dimethyl phthalate	ND		20	0.91	ug/L		08/26/25 08:47	08/27/25 16:57	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 16:57	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		08/26/25 08:47	08/27/25 16:57	1
Fluoranthene	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 16:57	1
Fluorene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
Hexachlorobenzene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
Hexachlorobutadiene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		08/26/25 08:47	08/27/25 16:57	1
Hexachloroethane	ND		20	0.60	ug/L		08/26/25 08:47	08/27/25 16:57	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		08/26/25 08:47	08/27/25 16:57	1
Isophorone	ND		20	0.74	ug/L		08/26/25 08:47	08/27/25 16:57	1
Naphthalene	ND		20	0.86	ug/L		08/26/25 08:47	08/27/25 16:57	1
Decane	ND		40	1.6	ug/L		08/26/25 08:47	08/27/25 16:57	1
Nitrobenzene	ND		20	0.81	ug/L		08/26/25 08:47	08/27/25 16:57	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		08/26/25 08:47	08/27/25 16:57	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		08/26/25 08:47	08/27/25 16:57	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		08/26/25 08:47	08/27/25 16:57	1
n-Octadecane	ND		40	1.2	ug/L		08/26/25 08:47	08/27/25 16:57	1
Pentachlorophenol	ND		40	3.2	ug/L		08/26/25 08:47	08/27/25 16:57	1
Phenanthrene	ND		20	1.2	ug/L		08/26/25 08:47	08/27/25 16:57	1

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-232008-1
Date Collected: 08/21/25 13:00
Matrix: Water
Date Received: 08/21/25 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		08/26/25 08:47	08/27/25 16:57	1
Pyrene	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 16:57	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*52 - 151*	*08/26/25 08:47*	*08/27/25 16:57*	*1*
2-Fluorobiphenyl	*75*		*44 - 120*	*08/26/25 08:47*	*08/27/25 16:57*	*1*
2-Fluorophenol	*44*		*17 - 120*	*08/26/25 08:47*	*08/27/25 16:57*	*1*
Nitrobenzene-d5	*65*		*15 - 314*	*08/26/25 08:47*	*08/27/25 16:57*	*1*
Phenol-d5	*32*		*8 - 424*	*08/26/25 08:47*	*08/27/25 16:57*	*1*
p-Terphenyl-d14	*76*		*22 - 125*	*08/26/25 08:47*	*08/27/25 16:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.061	0.039	ug/L		08/26/25 09:02	08/27/25 12:53	1
PCB-1221	ND		0.061	0.039	ug/L		08/26/25 09:02	08/27/25 12:53	1
PCB-1232	ND		0.061	0.039	ug/L		08/26/25 09:02	08/27/25 12:53	1
PCB-1242	ND		0.061	0.039	ug/L		08/26/25 09:02	08/27/25 12:53	1
PCB-1248	ND		0.061	0.039	ug/L		08/26/25 09:02	08/27/25 12:53	1
PCB-1254	ND		0.061	0.032	ug/L		08/26/25 09:02	08/27/25 12:53	1
PCB-1260	ND		0.061	0.032	ug/L		08/26/25 09:02	08/27/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*10 - 120*	*08/26/25 09:02*	*08/27/25 12:53*	*1*
Tetrachloro-m-xylene	*74*		*10 - 126*	*08/26/25 09:02*	*08/27/25 12:53*	*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		08/25/25 07:53	08/25/25 14:07	1
Copper	**0.0047**	**J**	0.010	0.0045	mg/L		08/25/25 07:53	08/25/25 14:07	1
Lead	ND		0.010	0.0039	mg/L		08/25/25 07:53	08/25/25 14:07	1
Nickel	ND		0.010	0.0034	mg/L		08/25/25 07:53	08/25/25 14:07	1
Zinc	ND		0.010	0.0068	mg/L		08/25/25 07:53	08/25/25 14:07	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		08/26/25 10:48	08/26/25 14:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable (EPA 420.4)	ND		0.010	0.0035	mg/L			08/21/25 19:20	1
Cyanide, Amenable (SM 4500 CN G)	**0.017**		0.010	0.0050	mg/L			09/05/25 08:19	1
Phosphorus (SM 4500 P E)	**1.3**		0.020	0.010	mg/L as P			08/27/25 17:56	2
Biochemical Oxygen Demand (SM 5210B)	**6.7**	**H**	2.0	2.0	mg/L			08/30/25 11:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	ND		4.0	4.0	mg/L			08/23/25 10:15	1
pH (SM 4500 H+ B)	**7.7**	**HF**	0.1	0.1	SU			08/26/25 09:36	1
Temperature (SM 4500 H+ B)	**18.1**	**HF**	0.001	0.001	Degrees C			08/26/25 09:36	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-232008-2

Date Collected: 08/21/25 00:00
Matrix: Water
Date Received: 08/21/25 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			08/22/25 18:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/22/25 18:39	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/22/25 18:39	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/22/25 18:39	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/22/25 18:39	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/22/25 18:39	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/22/25 18:39	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/22/25 18:39	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/22/25 18:39	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/22/25 18:39	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/22/25 18:39	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/22/25 18:39	1
Acrolein	ND		100	17	ug/L			08/22/25 18:39	1
Acrylonitrile	ND		100	1.9	ug/L			08/22/25 18:39	1
Benzene	ND		5.0	0.60	ug/L			08/22/25 18:39	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/22/25 18:39	1
Bromoform	ND		5.0	0.47	ug/L			08/22/25 18:39	1
Bromomethane	ND		5.0	1.2	ug/L			08/22/25 18:39	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/22/25 18:39	1
Chlorobenzene	**0.54**	**J**	5.0	0.48	ug/L			08/22/25 18:39	1
Chloroethane	ND		5.0	0.87	ug/L			08/22/25 18:39	1
Chloroform	ND		5.0	0.54	ug/L			08/22/25 18:39	1
Chloromethane	ND		5.0	0.64	ug/L			08/22/25 18:39	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/22/25 18:39	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/22/25 18:39	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/22/25 18:39	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/22/25 18:39	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/22/25 18:39	1
Toluene	ND		5.0	0.45	ug/L			08/22/25 18:39	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/22/25 18:39	1
Trichloroethene	ND		5.0	0.60	ug/L			08/22/25 18:39	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/22/25 18:39	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/22/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*68 - 130*		*08/22/25 18:39*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*08/22/25 18:39*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/22/25 18:39*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*08/22/25 18:39*	*1*

Surrogate Summary

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

Job ID: 480-232008-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(68-130)	(76-123)	(75-123)	(77-120)
480-232008-1	BCC BSA SUMP	101	101	101	99
480-232008-2	TRIP BLANK	105	104	104	101
LCS 480-755087/6	Lab Control Sample	102	100	100	101
MB 480-755087/8	Method Blank	99	101	101	101

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)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(8-424)	(22-125)
480-232008-1	BCC BSA SUMP	78	75	44	65	32	76
LCS 480-755281/2-A	Lab Control Sample	96	92	60	84	45	94
MB 480-755281/1-A	Method Blank	79	78	50	72	35	96

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)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(10-120)	(10-126)
480-232008-1	BCC BSA SUMP	83	74
LCS 480-755291/2-A	Lab Control Sample	96	90
LCSD 480-755291/3-A	Lab Control Sample Dup	93	84
MB 480-755291/1-A	Method Blank	102	88

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-755087/8
Matrix: Water
Analysis Batch: 755087

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			08/22/25 12:57	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			08/22/25 12:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			08/22/25 12:57	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			08/22/25 12:57	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			08/22/25 12:57	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			08/22/25 12:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			08/22/25 12:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			08/22/25 12:57	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			08/22/25 12:57	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			08/22/25 12:57	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			08/22/25 12:57	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			08/22/25 12:57	1
Acrolein	ND		100	17	ug/L			08/22/25 12:57	1
Acrylonitrile	ND		50	1.9	ug/L			08/22/25 12:57	1
Benzene	ND		5.0	0.60	ug/L			08/22/25 12:57	1
Bromodichloromethane	ND		5.0	0.54	ug/L			08/22/25 12:57	1
Bromoform	ND		5.0	0.47	ug/L			08/22/25 12:57	1
Bromomethane	ND		5.0	1.2	ug/L			08/22/25 12:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			08/22/25 12:57	1
Chlorobenzene	ND		5.0	0.48	ug/L			08/22/25 12:57	1
Chloroethane	ND		5.0	0.87	ug/L			08/22/25 12:57	1
Chloroform	ND		5.0	0.54	ug/L			08/22/25 12:57	1
Chloromethane	ND		5.0	0.64	ug/L			08/22/25 12:57	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			08/22/25 12:57	1
Dibromochloromethane	ND		5.0	0.41	ug/L			08/22/25 12:57	1
Ethylbenzene	ND		5.0	0.46	ug/L			08/22/25 12:57	1
Methylene Chloride	ND		5.0	0.81	ug/L			08/22/25 12:57	1
Tetrachloroethene	ND		5.0	0.34	ug/L			08/22/25 12:57	1
Toluene	ND		5.0	0.45	ug/L			08/22/25 12:57	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			08/22/25 12:57	1
Trichloroethene	ND		5.0	0.60	ug/L			08/22/25 12:57	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			08/22/25 12:57	1
Vinyl chloride	ND		5.0	0.75	ug/L			08/22/25 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*08/22/25 12:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*08/22/25 12:57*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/22/25 12:57*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*08/22/25 12:57*	*1*

Lab Sample ID: LCS 480-755087/6
Matrix: Water
Analysis Batch: 755087

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	21.4		ug/L		107	52 - 162
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	46 - 157
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	52 - 150

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

Lab Sample ID: LCS 480-755087/6
Matrix: Water
Analysis Batch: 755087

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	21.3		ug/L		107	59 - 155
1,1-Dichloroethene	20.0	21.1		ug/L		106	1 - 234
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	18 - 190
1,2-Dichloroethane	20.0	20.6		ug/L		103	49 - 155
1,2-Dichloropropane	20.0	20.6		ug/L		103	1 - 210
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	59 - 156
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	18 - 190
2-Chloroethyl vinyl ether	20.0	20.9	J	ug/L		104	1 - 305
Acrolein	100	132		ug/L		132	10 - 176
Acrylonitrile	200	217		ug/L		109	54 - 147
Benzene	20.0	20.6		ug/L		103	37 - 151
Bromodichloromethane	20.0	20.3		ug/L		101	35 - 155
Bromoform	20.0	19.8		ug/L		99	45 - 169
Bromomethane	20.0	13.6		ug/L		68	1 - 242
Carbon tetrachloride	20.0	22.3		ug/L		111	70 - 140
Chlorobenzene	20.0	19.8		ug/L		99	37 - 160
Chloroethane	20.0	17.2		ug/L		86	14 - 230
Chloroform	20.0	20.1		ug/L		100	51 - 138
Chloromethane	20.0	19.8		ug/L		99	1 - 273
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	1 - 227
Dibromochloromethane	20.0	19.3		ug/L		96	53 - 149
Ethylbenzene	20.0	20.4		ug/L		102	37 - 162
Methylene Chloride	20.0	20.7		ug/L		103	1 - 221
Tetrachloroethene	20.0	20.5		ug/L		102	64 - 148
Toluene	20.0	20.0		ug/L		100	47 - 150
trans-1,3-Dichloropropene	20.0	20.4		ug/L		102	17 - 183
Trichloroethene	20.0	20.6		ug/L		103	71 - 157
Trichlorofluoromethane	20.0	21.4		ug/L		107	17 - 181
Vinyl chloride	20.0	19.3		ug/L		97	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*68 - 130*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*
Dibromofluoromethane (Surr)	*100*		*75 - 123*
Toluene-d8 (Surr)	*101*		*77 - 120*

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

Lab Sample ID: MB 480-755281/1-A
Matrix: Water
Analysis Batch: 755410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		08/26/25 08:47	08/27/25 13:43	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		08/26/25 08:47	08/27/25 13:43	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		08/26/25 08:47	08/27/25 13:43	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		08/26/25 08:47	08/27/25 13:43	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		08/26/25 08:47	08/27/25 13:43	1

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

Lab Sample ID: MB 480-755281/1-A
Matrix: Water
Analysis Batch: 755410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		08/26/25 08:47	08/27/25 13:43	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 13:43	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 13:43	1
2-Chloronaphthalene	ND		20	0.91	ug/L		08/26/25 08:47	08/27/25 13:43	1
2-Chlorophenol	ND		20	0.66	ug/L		08/26/25 08:47	08/27/25 13:43	1
2-Nitrophenol	ND		20	0.70	ug/L		08/26/25 08:47	08/27/25 13:43	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 13:43	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		08/26/25 08:47	08/27/25 13:43	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 13:43	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		08/26/25 08:47	08/27/25 13:43	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		08/26/25 08:47	08/27/25 13:43	1
4-Nitrophenol	ND		40	1.9	ug/L		08/26/25 08:47	08/27/25 13:43	1
Acenaphthene	ND		20	0.81	ug/L		08/26/25 08:47	08/27/25 13:43	1
Acenaphthylene	ND		20	0.87	ug/L		08/26/25 08:47	08/27/25 13:43	1
Aniline	ND		40	1.5	ug/L		08/26/25 08:47	08/27/25 13:43	1
Anthracene	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 13:43	1
Benzidine	ND		320	54	ug/L		08/26/25 08:47	08/27/25 13:43	1
Benzo[a]anthracene	ND		20	1.1	ug/L		08/26/25 08:47	08/27/25 13:43	1
Benzo[a]pyrene	ND		20	1.3	ug/L		08/26/25 08:47	08/27/25 13:43	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		08/26/25 08:47	08/27/25 13:43	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		08/26/25 08:47	08/27/25 13:43	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		08/26/25 08:47	08/27/25 13:43	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		08/26/25 08:47	08/27/25 13:43	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		08/26/25 08:47	08/27/25 13:43	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		08/26/25 08:47	08/27/25 13:43	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		08/26/25 08:47	08/27/25 13:43	1
Chrysene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		08/26/25 08:47	08/27/25 13:43	1
Diethyl phthalate	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
Dimethyl phthalate	ND		20	0.91	ug/L		08/26/25 08:47	08/27/25 13:43	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 13:43	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		08/26/25 08:47	08/27/25 13:43	1
Fluoranthene	ND		20	1.6	ug/L		08/26/25 08:47	08/27/25 13:43	1
Fluorene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
Hexachlorobenzene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
Hexachlorobutadiene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		08/26/25 08:47	08/27/25 13:43	1
Hexachloroethane	ND		20	0.60	ug/L		08/26/25 08:47	08/27/25 13:43	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		08/26/25 08:47	08/27/25 13:43	1
Isophorone	ND		20	0.74	ug/L		08/26/25 08:47	08/27/25 13:43	1
Naphthalene	ND		20	0.86	ug/L		08/26/25 08:47	08/27/25 13:43	1
Decane	ND		40	1.6	ug/L		08/26/25 08:47	08/27/25 13:43	1
Nitrobenzene	ND		20	0.81	ug/L		08/26/25 08:47	08/27/25 13:43	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		08/26/25 08:47	08/27/25 13:43	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		08/26/25 08:47	08/27/25 13:43	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		08/26/25 08:47	08/27/25 13:43	1
n-Octadecane	ND		40	1.2	ug/L		08/26/25 08:47	08/27/25 13:43	1

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

Lab Sample ID: MB 480-755281/1-A
Matrix: Water
Analysis Batch: 755410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		40	3.2	ug/L		08/26/25 08:47	08/27/25 13:43	1
Phenanthrene	ND		20	1.2	ug/L		08/26/25 08:47	08/27/25 13:43	1
Phenol	ND		20	0.35	ug/L		08/26/25 08:47	08/27/25 13:43	1
Pyrene	ND		20	1.4	ug/L		08/26/25 08:47	08/27/25 13:43	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		08/26/25 08:47	08/27/25 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*79*		*52 - 151*	*08/26/25 08:47*	*08/27/25 13:43*	*1*
2-Fluorobiphenyl	*78*		*44 - 120*	*08/26/25 08:47*	*08/27/25 13:43*	*1*
2-Fluorophenol	*50*		*17 - 120*	*08/26/25 08:47*	*08/27/25 13:43*	*1*
Nitrobenzene-d5	*72*		*15 - 314*	*08/26/25 08:47*	*08/27/25 13:43*	*1*
Phenol-d5	*35*		*8 - 424*	*08/26/25 08:47*	*08/27/25 13:43*	*1*
p-Terphenyl-d14	*96*		*22 - 125*	*08/26/25 08:47*	*08/27/25 13:43*	*1*

Lab Sample ID: LCS 480-755281/2-A
Matrix: Water
Analysis Batch: 755410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	32.0	25.2	J	ug/L		79	44 - 142
1,2-Dichlorobenzene	32.0	23.7	J	ug/L		74	32 - 129
1,3-Dichlorobenzene	32.0	23.1	J	ug/L		72	1 - 172
1,4-Dichlorobenzene	32.0	23.3	J	ug/L		73	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	23.9		ug/L		75	36 - 166
2,4,6-Trichlorophenol	32.0	27.6		ug/L		86	37 - 144
2,4-Dichlorophenol	32.0	27.8		ug/L		87	39 - 135
2,4-Dimethylphenol	32.0	26.6		ug/L		83	32 - 120
2,4-Dinitrophenol	64.0	60.4		ug/L		94	1 - 191
2,4-Dinitrotoluene	32.0	32.7		ug/L		102	39 - 139
2-Chloronaphthalene	32.0	26.5		ug/L		83	60 - 120
2-Chlorophenol	32.0	25.2		ug/L		79	23 - 134
2-Nitrophenol	32.0	29.2		ug/L		91	29 - 182
3,3'-Dichlorobenzidine	32.0	32.4		ug/L		101	1 - 262
4,6-Dinitro-2-methylphenol	64.0	61.0		ug/L		95	1 - 181
4-Bromophenyl phenyl ether	32.0	28.3		ug/L		89	53 - 127
4-Chloro-3-methylphenol	32.0	28.5		ug/L		89	22 - 147
4-Chlorophenyl phenyl ether	32.0	29.6		ug/L		93	25 - 158
4-Nitrophenol	64.0	45.0		ug/L		70	1 - 132
Acenaphthene	32.0	27.8		ug/L		87	47 - 145
Acenaphthylene	32.0	28.5		ug/L		89	33 - 145
Aniline	32.0	16.4	J	ug/L		51	40 - 120
Anthracene	32.0	28.8		ug/L		90	27 - 133
Benzo[a]anthracene	32.0	28.9		ug/L		90	33 - 143
Benzo[a]pyrene	32.0	29.1		ug/L		91	17 - 163
Benzo[b]fluoranthene	32.0	29.8		ug/L		93	24 - 159
Benzo[g,h,i]perylene	32.0	28.7		ug/L		90	1 - 219
Benzo[k]fluoranthene	32.0	27.7		ug/L		87	11 - 162
Bis(2-chloroethoxy)methane	32.0	24.2		ug/L		75	33 - 184

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

Lab Sample ID: LCS 480-755281/2-A
Matrix: Water
Analysis Batch: 755410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	32.0	30.0		ug/L		94	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	27.7	J	ug/L		86	8 - 158
Butyl benzyl phthalate	32.0	31.5		ug/L		98	1 - 152
Chrysene	32.0	29.6		ug/L		93	17 - 168
Dibenz(a,h)anthracene	32.0	28.6		ug/L		90	1 - 227
Diethyl phthalate	32.0	30.1		ug/L		94	1 - 120
Dimethyl phthalate	32.0	30.3		ug/L		95	1 - 120
Di-n-butyl phthalate	32.0	30.1		ug/L		94	1 - 120
Di-n-octyl phthalate	32.0	27.8		ug/L		87	4 - 146
Fluoranthene	32.0	30.9		ug/L		97	26 - 137
Fluorene	32.0	29.1		ug/L		91	59 - 121
Hexachlorobenzene	32.0	27.6		ug/L		86	1 - 152
Hexachlorocyclopentadiene	32.0	14.9	J	ug/L		47	5 - 120
Hexachloroethane	32.0	21.7		ug/L		68	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	27.0		ug/L		84	1 - 171
Isophorone	32.0	25.9		ug/L		81	21 - 196
Naphthalene	32.0	25.1		ug/L		78	21 - 133
Nitrobenzene	32.0	25.9		ug/L		81	35 - 180
N-Nitrosodi-n-propylamine	32.0	25.2		ug/L		79	1 - 230
N-Nitrosodiphenylamine	32.0	29.1		ug/L		91	54 - 125
Pentachlorophenol	64.0	51.4		ug/L		80	14 - 176
Phenanthrene	32.0	27.3		ug/L		85	54 - 120
Phenol	32.0	14.2	J	ug/L		45	5 - 120
Pyrene	32.0	32.7		ug/L		102	52 - 120
2,6-Dinitrotoluene	32.0	30.9		ug/L		97	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*96*		*52 - 151*
2-Fluorobiphenyl	*92*		*44 - 120*
2-Fluorophenol	*60*		*17 - 120*
Nitrobenzene-d5	*84*		*15 - 314*
Phenol-d5	*45*		*8 - 424*
p-Terphenyl-d14	*94*		*22 - 125*

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

Lab Sample ID: MB 480-755291/1-A
Matrix: Water
Analysis Batch: 755382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		08/26/25 09:02	08/27/25 09:31	1
PCB-1221	ND		0.060	0.038	ug/L		08/26/25 09:02	08/27/25 09:31	1
PCB-1232	ND		0.060	0.038	ug/L		08/26/25 09:02	08/27/25 09:31	1
PCB-1242	ND		0.060	0.038	ug/L		08/26/25 09:02	08/27/25 09:31	1
PCB-1248	ND		0.060	0.038	ug/L		08/26/25 09:02	08/27/25 09:31	1
PCB-1254	ND		0.060	0.031	ug/L		08/26/25 09:02	08/27/25 09:31	1
PCB-1260	ND		0.060	0.031	ug/L		08/26/25 09:02	08/27/25 09:31	1

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

Lab Sample ID: MB 480-755291/1-A
Matrix: Water
Analysis Batch: 755382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755291

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		10 - 120	08/26/25 09:02	08/27/25 09:31	1
Tetrachloro-m-xylene	88		10 - 126	08/26/25 09:02	08/27/25 09:31	1

Lab Sample ID: LCS 480-755291/2-A
Matrix: Water
Analysis Batch: 755382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755291

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.13		ug/L		113	69 - 123		
PCB-1260			1.00	1.11		ug/L		111	69 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	96		10 - 120
Tetrachloro-m-xylene	90		10 - 126

Lab Sample ID: LCSD 480-755291/3-A
Matrix: Water
Analysis Batch: 755382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 755291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.07		ug/L		107	69 - 123	6	30
PCB-1260			1.00	1.09		ug/L		109	69 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	93		10 - 120
Tetrachloro-m-xylene	84		10 - 126

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-755111/1-A
Matrix: Water
Analysis Batch: 755235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0024	mg/L		08/25/25 07:53	08/25/25 13:26	1
Copper	ND		0.010	0.0045	mg/L		08/25/25 07:53	08/25/25 13:26	1
Lead	ND		0.010	0.0039	mg/L		08/25/25 07:53	08/25/25 13:26	1
Nickel	ND		0.010	0.0034	mg/L		08/25/25 07:53	08/25/25 13:26	1
Zinc	ND		0.010	0.0068	mg/L		08/25/25 07:53	08/25/25 13:26	1

Lab Sample ID: LCS 480-755111/2-A
Matrix: Water
Analysis Batch: 755235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755111

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium			0.500	0.481		mg/L		96	85 - 115		
Copper			0.500	0.485		mg/L		97	85 - 115		
Lead			0.500	0.472		mg/L		94	85 - 115		

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

Lab Sample ID: LCS 480-755111/2-A
Matrix: Water
Analysis Batch: 755235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.500	0.468		mg/L		94	85 - 115
Zinc	0.500	0.479		mg/L		96	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-755283/1-A
Matrix: Water
Analysis Batch: 755354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 755283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		08/26/25 10:48	08/26/25 13:44	1

Lab Sample ID: LCS 480-755283/2-A
Matrix: Water
Analysis Batch: 755354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 755283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00669	0.00667		mg/L		100	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-755022/44
Matrix: Water
Analysis Batch: 755022

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			08/21/25 19:09	1

Lab Sample ID: LCS 480-755022/45
Matrix: Water
Analysis Batch: 755022

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	0.0993		mg/L		99	90 - 110

Lab Sample ID: 480-232008-1 MS
Matrix: Water
Analysis Batch: 755022

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	ND		0.100	0.100		mg/L		100	90 - 110

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

Lab Sample ID: MB 480-755125/1
Matrix: Water
Analysis Batch: 755125

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			08/23/25 10:15	1

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

Lab Sample ID: LCS 480-755125/2
Matrix: Water
Analysis Batch: 755125

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	239.6		mg/L		98	88 - 110		

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-755325/1
Matrix: Water
Analysis Batch: 755325

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 480-755486/3
Matrix: Water
Analysis Batch: 755486

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			08/27/25 17:56	1

Lab Sample ID: LCS 480-755486/4
Matrix: Water
Analysis Batch: 755486

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	0.201		mg/L as P		100	90 - 110		

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-755742/1
Matrix: Water
Analysis Batch: 755742

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			08/30/25 11:22	1

Lab Sample ID: LCS 480-755742/2
Matrix: Water
Analysis Batch: 755742

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	195.8		mg/L		99	85 - 115		

GC/MS VOA

Analysis Batch: 755087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-232008-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-755087/8	Method Blank	Total/NA	Water	624.1	
LCS 480-755087/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 755281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-755281/1-A	Method Blank	Total/NA	Water	625	
LCS 480-755281/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 755410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	625.1	755281
MB 480-755281/1-A	Method Blank	Total/NA	Water	625.1	755281
LCS 480-755281/2-A	Lab Control Sample	Total/NA	Water	625.1	755281

GC Semi VOA

Prep Batch: 755291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-755291/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-755291/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-755291/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 755382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	608.3	755291
MB 480-755291/1-A	Method Blank	Total/NA	Water	608.3	755291
LCS 480-755291/2-A	Lab Control Sample	Total/NA	Water	608.3	755291
LCSD 480-755291/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	755291

Metals

Prep Batch: 755111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-755111/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-755111/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 755235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	755111
MB 480-755111/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	755111
LCS 480-755111/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	755111

Prep Batch: 755283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	245.1	

Metals (Continued)

Prep Batch: 755283 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-755283/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-755283/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 755354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	245.1	755283
MB 480-755283/1-A	Method Blank	Total/NA	Water	245.1	755283
LCS 480-755283/2-A	Lab Control Sample	Total/NA	Water	245.1	755283

General Chemistry

Analysis Batch: 755022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-755022/44	Method Blank	Total/NA	Water	420.4	
LCS 480-755022/45	Lab Control Sample	Total/NA	Water	420.4	
480-232008-1 MS	BCC BSA SUMP	Total/NA	Water	420.4	

Analysis Batch: 755125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-755125/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-755125/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 755325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-755325/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 755486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-755486/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-755486/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 755742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-755742/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-755742/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 756089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-232008-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

Client Sample ID: BCC BSA SUMP
Lab Sample ID: 480-232008-1
Date Collected: 08/21/25 13:00
Matrix: Water
Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	755087	AXK	EET BUF	08/22/25 18:15
Total/NA	Prep	625			755281	JMP	EET BUF	08/26/25 08:47
Total/NA	Analysis	625.1		1	755410	JMM	EET BUF	08/27/25 16:57
Total/NA	Prep	3510C			755291	JMP	EET BUF	08/26/25 09:02
Total/NA	Analysis	608.3		1	755382	C1P	EET BUF	08/27/25 12:53
Total/NA	Prep	200.7			755111	EMO	EET BUF	08/25/25 07:53
Total/NA	Analysis	200.7 Rev 4.4		1	755235	MP	EET BUF	08/25/25 14:07
Total/NA	Prep	245.1			755283	ESB	EET BUF	08/26/25 10:48
Total/NA	Analysis	245.1		1	755354	ESB	EET BUF	08/26/25 14:18
Total/NA	Analysis	420.4		1	755022	GW	EET BUF	08/21/25 19:20
Total/NA	Analysis	SM 2540D		1	755125	ET	EET BUF	08/23/25 10:15
Total/NA	Analysis	SM 4500 CN G		1	756089	JJP	EET BUF	09/05/25 08:19
Total/NA	Analysis	SM 4500 H+ B		1	755325	AB	EET BUF	08/26/25 09:36
Total/NA	Analysis	SM 4500 P E		2	755486	GW	EET BUF	08/27/25 17:56
Total/NA	Analysis	SM 5210B		1	755742	CG	EET BUF	08/30/25 11:22

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-232008-2
Date Collected: 08/21/25 00:00
Matrix: Water
Date Received: 08/21/25 14:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	755087	AXK	EET BUF	08/22/25 18:39

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

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	03-31-26

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.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

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: 480-232008-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-232008-1	BCC BSA SUMP	Water	08/21/25 13:00	08/21/25 14:50	New York
480-232008-2	TRIP BLANK	Water	08/21/25 00:00	08/21/25 14:50	New York

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-232008-1
Project/Site: Quarterly BSA SUMP

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

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

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

Chain of Custody Record

eurofins | Environment Testing

35d Q 25' BSA SUMP

Client Information	Sampler: Taylor Kurzelman	Lab PM: Schove, John R	Carrier Tracking No(s): OSC	COC No: 480-206654-6057.1
Client Contact: Kirsten Colligan	Phone: 716-480-3282	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:	Analysis Requested		Job #: 16011
Address: 140 Lee St.	Due Date Requested: 2 weeks			Preservation Codes: S - H2SO4, D - HNO3, N - None, B - NaOH
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14210	Compliance Project: X Yes △ No			
Phone: 716-856-3333	PO #: ~~67610~~ 67647			
Email: kcolligan@oscinc.com	WO #:			
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color - Qu	Project #: 48003159			Other:
Site: New York	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	4500_P_E - Phosphorus	200.7, 245.1	420.4_NP - 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:
			Preservation Code:				S	D	S	N	N	N	N	N	B	N					
BCC BSA SUMP	8-21-25	13:00	G	Water			1	1	1	8	2	1	1	1	1	1					
Trip Blank			C	Water						2											

480-232008 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jeff Kurzelman	8-21-25 14:50	OSC		8-21-25 1450	OSC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: X Yes △ No	Custody Seal No.: 2738590	Cooler Temperature(s) °C and Other Remarks: 15.3 ICE

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-232008-1

Login Number: 232008

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	15.3 ICE IR# SC
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	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-232008-1

Login Number: 232008

List Source: Eurofins Buffalo

List Number: 2

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT F – GAC REACTIVIATION BILL OF LADINGS

025-0927

Carbon Activated Corp

3774 Hoover Rd. Blasdell, NY 14219

GAC Filter Exchange

■ Carbon Change ☐ Carbon Repair ☐ Miscellaneous

Work Order #: **Start Date:** **End Date:**

Plant & Vessel Information

Name of Plant and address:	Site Contact:
OSC - GWTF	Taylor Kunzelman 716-480-3282
1037 South Park Ave Buffalo NY 14210	Equipment: Vac
Location of Vessel:	Hose: Vac hose long pole stinger
GWTF System	Site to provide Lull + operator

Existing Conditions

Type of Existing Carbon:	
Filter Backwashed:	Removal Method: Vac
Volume of Carbon Removed:	3 x 2,000 lbs
Conditions of Bed:	
Condition of Filter:	
Vessel Size:	3x2K

New Carbon Installed

Type of Carbon used:	8x30 React
Volume of Carbon:	6,000 – 1,000 provided by site 5,000 lbs
Comments:	

Repair Work:

Description:

	Print Name	Signature	Date
Plant Supervisor/Designee			
Contractor's Representative	Scott Bridgham		8-14-25

8-14-25

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corp 3774 Hoover Road Blasdell NY 14219 Tel: 716-821-7830	025-0927
Ship To	**Date:** 8/14/2025
OSC-GWTF 1037 South park Ave Buffalo NY 14210 Tel:	**Carrier Name:** CAC Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
CAC	Pro Number:
	Freight Charge Terms (Freight charges are prepaid unless marked otherwise): Prepaid ☐ Collect ☐ 3rd Party ☒
	☐ Master bill of lading with attached underlying bills of lading.

Customer Order Information

Customer Order No.	# of Packages	Weight	Pallet/Slip (circle one)		Additional Shipper Information
Contract	5 Super Sacks	5000 LBS	Y	N	
Grand Total		5000 LBS			

Carrier Information

Handling Unit		Package					LTL Only	
Qty	Type	Qty	Type	Weight	HM (X)	**Commodity Description** Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC item 360	NMFC No.	Class
5	Pallets	5	S/S	5000 LBS		COL-RL800	40590	70

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date	Trailer Loaded:	Freight Counted:	Carrier Signature/Pickup Date
Scott Sainsbury 8-14-25 This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.	☐ By shipper ☐ By driver	☐ By shipper ☐ By driver/pallets said to contain ☐ By driver/pieces	Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Taylor a Kunzelman Taylor a Kunzelman 8-14-25

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
OSC-GWTF 1037 South park Ave Buffalo NY 14210 Tel: 716-821-7830	025-0927
Ship To	**Date:** 8/14/2025
Carbon Activated Corporation 3774 Hoover Road Blasdell NY 14219 Tel:	**Carrier Name:** CAC Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
CAC	Pro Number:
	Freight Charge Terms (Freight charges are prepaid unless marked otherwise): Prepaid ☐ Collect ☐ 3rd Party ☒
	☐ Master bill of lading with attached underlying bills of lading.

Customer Order Information

Customer Order No.	# of Packages	Weight	Pallet/Slip (circle one)		Additional Shipper Information
Contract	___ Super Sacks	12000 LBS	Y	N	
Grand Total		12000 LBS			

Carrier Information

Handling Unit		Package					LTL Only	
Qty	Type	Qty	Type	Weight	HM (X)	**Commodity Description** Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC item 360	NMFC No.	Class
	Pallets		S/S	12000 LBS		Non-Haz Spent Activated Carbon	40590	70

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date	Trailer Loaded:	Freight Counted:	Carrier Signature/Pickup Date
Scott Sainsbury 8-14-25 This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.	☐ By shipper ☐ By driver	☐ By shipper ☐ By driver/pallets said to contain ☐ By driver/pieces	Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

8-14-25

ATTACHMENT G – PHOTOLOG

Client Name: SBD	PRR Reporting Period – 2024-2025	Project: Buffalo Color Corporation Site Area D
Photo No. 1 Direction Photo Taken: Looking south Description: Area D Shoreline December 29, 2024		
Client Name: SBD	PRR Reporting Period – 2024-2025	Project: Buffalo Color Corporation Site Area D
Photo No. 2 Direction Photo Taken: Looking south Description: Area D Cover System. March 10, 2025		

Client Name: SBD	PRR Reporting Period – 2024-2025	Project: Buffalo Color Corporation Site Area D
Photo No. 3 Direction Photo Taken: Looking south Description: Area D cover system. Observation well pair in midground. March 10, 2025		
Client Name: SBD	PRR Reporting Period – 2024-2025	Project: Buffalo Color Corporation Site Area D
Photo No. 4 Direction Photo Taken: Looking north Description: Area D cover system March 10, 2025		