INVENTUM ENGINEERING, PC

February 23, 2022

Megan Kuczka
Environmental Program Specialist - 1
New York State Department of Environmental Conservation
270 Michigan Ave
Buffalo, NY 14203-2915

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

Dear Ms. Kuczka:

On behalf of South Buffalo Development Corporation, LLC (SBD), Inventum Engineering is submitting this revised periodic review report (PRR) for the Buffalo Color Area D Site (referred hereafter as the Site). This report documents the implementation of, and compliance with, site-specific SM requirements for the reporting period of October 5, 2020 to October 5, 2021.

The revised report incorporates comments on the PRR received from the New York State Department of Environmental Conservation (NYSDEC) in an e-mail dated February 15, 2022. The NYSDEC's comments are reproduced in the bullets below followed by Inventum's response in *italics*.

- Section 6.2 – Please include discussion on the aniline MAID exceedance from 1Q21 collected on 2/9/21.

  Section 6.2 of the PRR has been revised to include the requested details.

- Table 2 – Per Table 2 of the SMP, additional analytes and different laboratory methods should be used for the influent sampling. Please look into historic documents for the site to determine when or if this change was approved.

  Inventum is currently unaware of when the list of required analytes changed from the list contained in Table 2 of the SMP and will perform an additional records review to determine when or if the change was approved prior to collecting the 2022 annual influent sample. The 2022 annual sample will be analyzed for the Table 2 SMP analyte and method list if the requested documentation is not located.

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

Please feel free to call with any questions or comments.

Respectfully submitted,

John P. Black, P.E.

President
Enclosure

cc:	Eugene Melnyk	NYSDEC Region 9
	Richard Galloway	Honeywell International Inc.
	Kirsten Colligan	Ontario Specialty Contracting, Inc.
	John Yensan	South Buffalo Development, LLC
	Jon Williams	South Buffalo Development, LLC

Enclosure

Buffalo Color Corporation Site Area D
Site Management Periodic Review Report

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

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

Table of Contents

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, regrading 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 monitoring 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 Site Management Plan (SMP) prepared by Mactec Engineering and Consulting P.C. dated April 20, 2015 (SMP):

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

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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.
- A consistent inward gradient has been maintained across the hydraulic barrier; based upon the comparison of observation well measurements collected outside of the hydraulic barrier (near the Buffalo River) and those collected from neighboring interior observation wells.
- Site inspection reports indicate that the effectiveness of the knotweed (invasive plant species) barrier fabric installed within the southwestern corner of the Site has limited the knotweed from growing further inland. Evaluation of inland growth continues as part of the quarterly cover system inspections.
- Site inspection reports indicate that woodchucks were identified as present on the Site and a trapper was hired for the season. No burrows have been identified that would require filling.

1.2 Compliance

No areas of non-compliance have been identified.

Sampling of the Area D influent into the GWTF for analysis of the emerging contaminants 1,4-Dioxane and Per- and Polyfluoroalkyl Substances (PFAS) was conducted during the reporting period. Sampling was conducted in February 2021, March 2021, and August 2021 in accordance with the NYSDEC approved work plan dated January 19, 2021.

An Emergent Contaminant Sampling Report was submitted on September 2, 2021 and accepted by the NYSDEC in a letter dated September 22, 2021 (Attachment G).

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 the Area A site. Further the surrounding area consists of industrial and residential properties.

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

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

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

2.2 Chronology

Numerous environmental investigations have been completed for the Buffalo Color property, including Area D, dating back to the 1980s. In accordance with the order on consent, finalization of the Area D remedial investigation occurred from 1993 through 1996 and remediation occurred from 1996 through 2000. Remediation of the Site began on July 24, 1996. Planting of wetland and woody vegetation to enhance aquatic and upland habitat was completed during the spring of 1999. Replanting of trees in several areas and construction of the cap, hydraulic barrier and extraction system was completed by November 2000. During the fall of 2017, Buffalo Niagara Waterkeeper along with Anchor QEA began the shoreline improvement project at Area D. Invasive plant species were removed from within 25' of the waterline and native plant species were introduced. This project has continued throughout the

growing season of 2018 with what the Waterkeeper termed “a final review of the project” in the Spring 2019. SBD has 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. OSC will not make any attempts to remove this debris.

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

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

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

- An initial 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 to the Site institutional controls, established by the environmental easement, has been upheld.
- Site cover system inspection reports indicate the soil cover and cap system are intact and maintain suitable vegetation.
- Inspection sheets for the reporting period are provided as Attachment B.

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 and Figures 2 through 5).
- Site cover system inspection reports indicate the Site soil cover system is intact and maintains suitable vegetation.
- Bathometric survey monitoring of the SDA was conducted in 2020 by Anchor QEA, LLC of Horsham, Pennsylvania and the findings were reported to the NYSDEC in a letter dated February 26, 2021. The 2020 sediment elevations (Attachment F) are generally between 1 and 2-feet above the baseline elevations across the SDA, and more broadly, across the Buffalo River indicating some amount of routine sediment deposition over the 5-year monitoring period. The consistent positive elevation change indicates there has been no subsidence or

washout/undermining of the SDA cap and there is no indication that the sediment containment SDA structure has been inadvertently breached or jeopardized.

3.3 Natural Attenuation

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

Tabulated analytical results for the annual Area D GWES composite sample are provided as Table 1, laboratory reports are in Attachment D. Groundwater elevations from the observation well pairs are provided as Table 2. 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.

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

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

5 Monitoring Plan Compliance Report

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

- Annual shallow groundwater sampling at the GWES;
- Quarterly groundwater elevation measurements of the VHB observation well network;
- Quarterly Site-wide, cover system and riverbank inspections; and
- SDA bathometric survey monitoring conducted every five years.

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 2020-2021 MONITORING EVENT COMPLIANCE SUMMARY

Monitoring Type	Frequency	2020	2021		
		4th	1st	2nd	3rd
Groundwater Sampling	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

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. TestAmerica Laboratories, Inc. in Amherst, NY performed the laboratory analysis for the collected groundwater samples. Laboratory data reports are provided in Attachment D.

5.2 Monitoring Deficiencies

No monitoring deficiencies were noted.

5.3 Conclusions and Recommendations for Changes

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

6 Operations and Maintenance Plan Compliance Report

6.1 Components of the O&M Plan

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

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

6.2 Summary of O&M Completed

In addition to the GWES and treatment plant system monitoring activities, various repair and maintenance initiatives are routinely completed on the mechanical, electrical, and plumbing systems; in order 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.

Granular Activated Carbon (GAC) is a component of the extracted groundwater treatment prior to discharge to the BSA. GAC is changed periodically to maintain treatment capabilities. GAC is removed by a vendor (Carbon Activated Corporation of Blasdell, NY) for reactivation and fresh reactivated GAC is installed. GAC change-outs are conducted on a quarterly basis and occurred during the reporting period in October 2020, February 2021, May 2021, August 2021, and September 2021. Bill of Ladings for these reactivation shipments are provided as Attachment H.

The quarterly discharge sample collected November 11, 2020 contained a concentration of Aniline (0.0340 mg/L) exceeding the Maximum Allowable Instantaneous Discharge (MAID) notification threshold of 0.01 mg/L. The max daily discharge was not exceeded. The BSA was notified in the January 29, 2021 DMR and no additional sampling was required.

The quarterly discharge sample collected February 9, 2021 contained a concentration of Aniline (0.0140 mg/L) exceeding the MAID notification threshold of 0.01 mg/L. The max daily discharge was not exceeded. The BSA was notified directly, and no additional sampling was required.

6.3 Evaluation of Remedial Systems

The Area D remedial system is effectively achieving the objectives of the remedial action.

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, 2022.

Table

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

		1,2-Dichlorobenzene	1,3-Dichlorobenzene (a)	1,4-Dichlorobenzene (a)	Aniline	Benzene	Cholorbenzene	2-Chlorophenol	Methylene Chloride	N-Nitrosodidiphenylamine	Naphthalene	Total Recoverable Phenols	Total Phosphate as P
Class GA Standard**		**3**	**3**	**3**	**5**	**1**	**5**		**5**		**10**	**1**	
Area D Iinfluent	06/14/18	8.0J	5.3J	49	<100	30	2,600	6.7J	5.6J	<5	<50	500	260
	06/03/19	5.1J	3.3J	28	5.9J	21J	2,400	7	<50	2.7J	15	24B	310
	05/18/20	5.7 J	3.6J	32	5.5J	15J	1,800	6.3	<25	2J	<5	5.3JF1B	370
	06/03/21	4.1	3J (2.7)	26 (21)	10	11	770	7.3	<2J	2J	<5	4J	510B

Notes:
(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

Results are shown in µg/L.

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

		Chromium	Copper	Nickel	Zinc
Class GA Standard**		**50**	**200**	**100**	**2000**
Area D Iinfluent	06/14/18	6.9	20	5.6J	6J
	06/03/19	4.9	<10	2.6J	2.8J
	05/18/20	7.5	15B	4.7J	5J
	06/03/21	5.6	3.9J	4.1J	3.8J

Table 2
Observation Well Elevation Data Summary
Buffalo Color Corporation 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)
11/19/2020	16.82	570.18	8.88	573.43	17.38	570.11	8.87	573.40	17.58	569.94	8.47	573.43	17.28	569.96	8.76	573.37	17.10	570.09	8.46	573.37	18.72	569.99	8.02	574.42
3/4/2021	16.78	570.22	9.45	572.86	17.39	570.10	9.29	572.98	17.63	569.89	9.00	572.90	17.23	570.01	9.20	572.93	17.10	570.09	8.95	572.88	18.72	569.99	9.58	572.86
6/22/2021	17.00	570.00	9.29	573.02	17.68	569.81	9.09	573.18	18.00	569.52	8.79	573.11	17.50	569.74	8.86	573.27	17.41	569.78	8.57	573.26	19.12	569.59	9.15	573.29
9/14/2021	16.75	570.25	8.85	573.46	17.39	570.10	8.84	573.43	17.62	569.90	8.53	573.37	17.20	570.04	8.86	573.27	17.10	570.09	8.64	573.19	18.80	569.91	9.37	573.07

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

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

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

Figure

B

1" = 200'

200' 100' 0' 200'

DRAWING BY

CHECKED

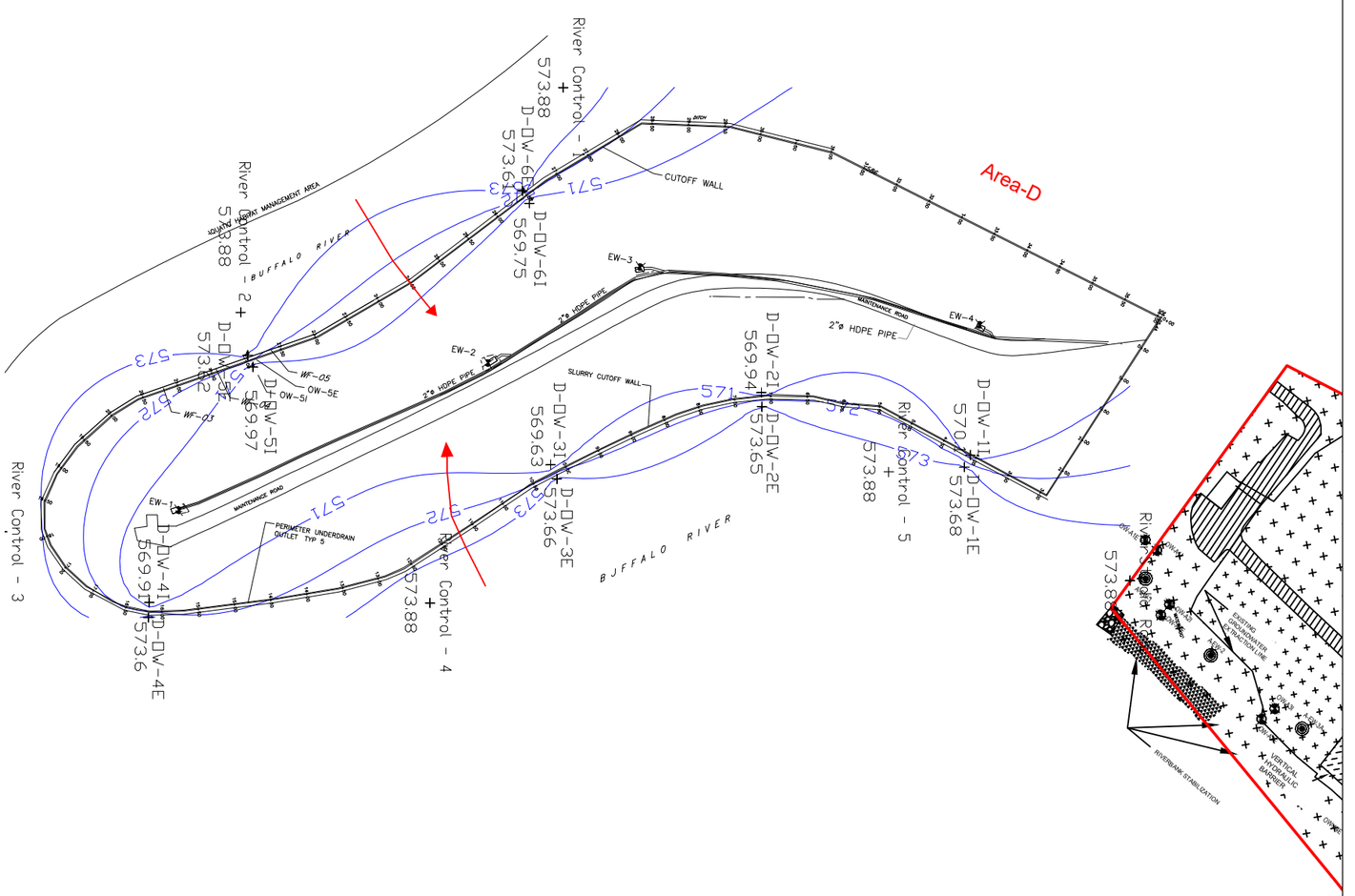
APPROVED

SITE LAYOUT GROUNDWATER MONITORING EVENTS BUFFALO COLOR AREA - D

INVENTUM ENGINEERING
481 CARLISLE DRIVE
SUITE 202
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 01

DRAWING NUMBER



INVENTUM ENGINEERING
481 CARLISLE DRIVE
SUITE 202
HERNDON, VIRGINIA 20170
(703) 722-6049
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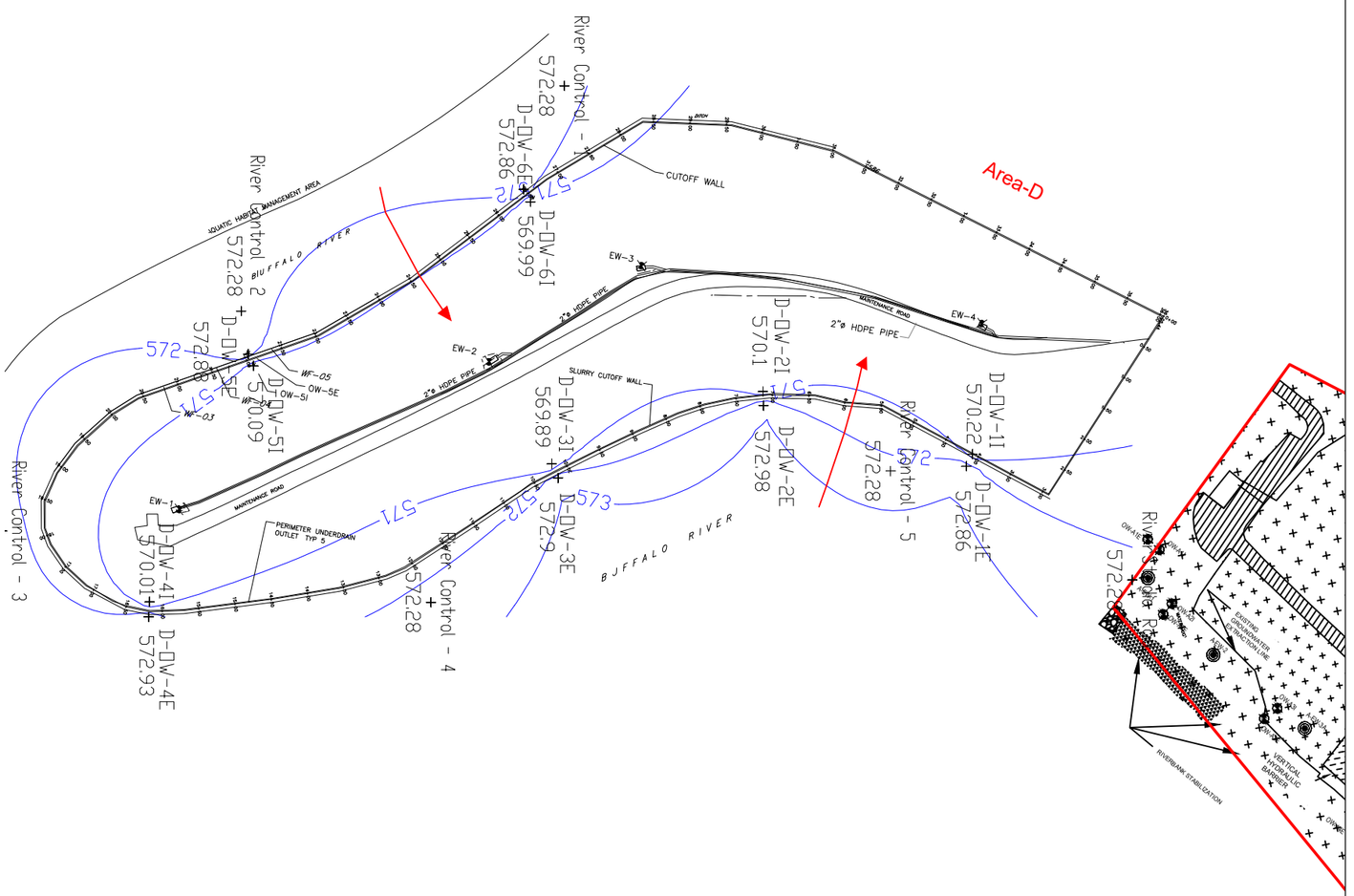
FOURTH QUARTER 2020
GROUNDWATER ELEVATION
CONTOURS
BUFFALO COLOR AREA D

FIGURE 2
DRAWING NUMBER

DRAWING BY	
CHECKED	
APPROVED	



B

Z

200' 100' 0' 200'

1" = 200'

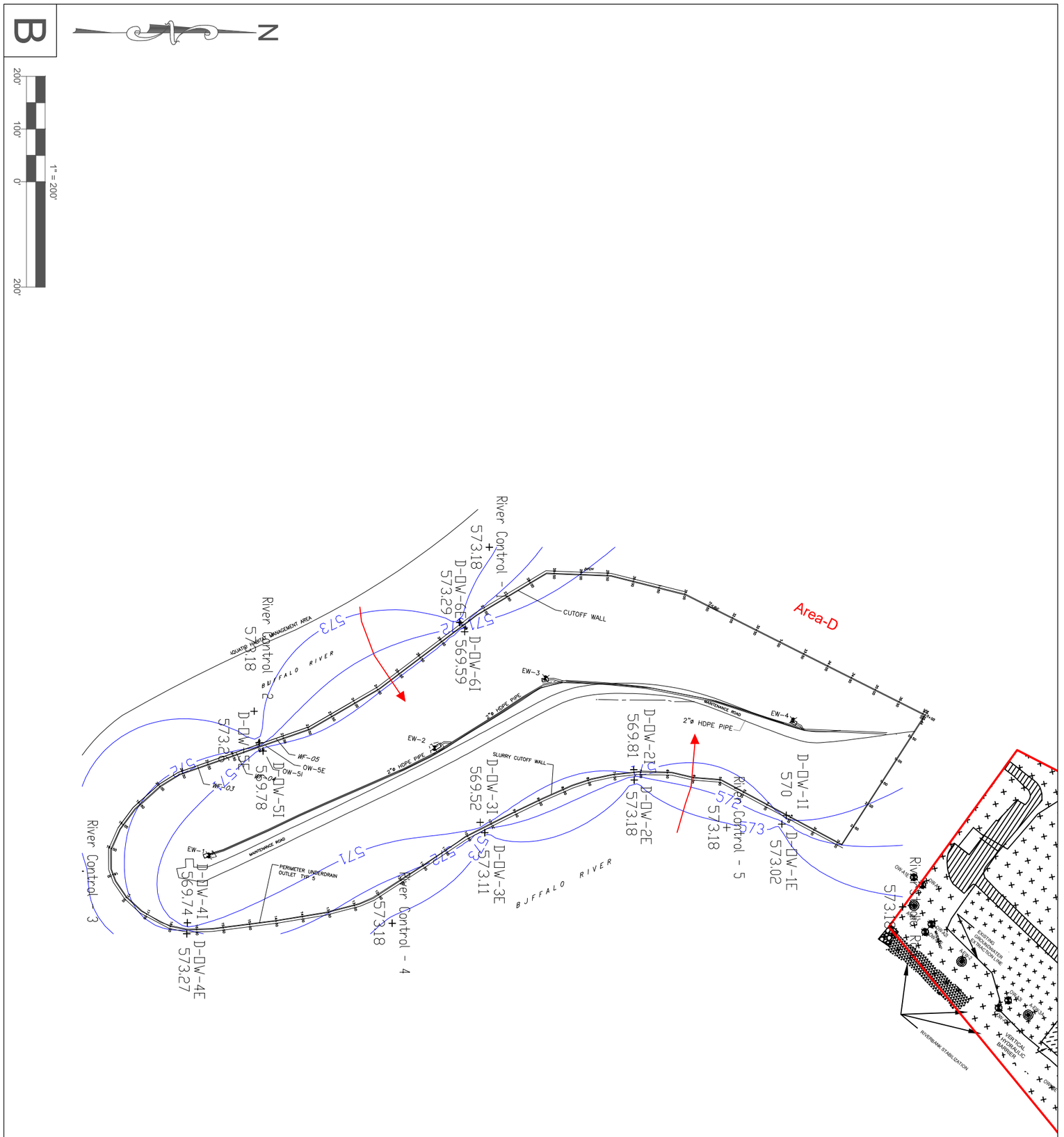
FIGURE 3

DRAWING NUMBER

INVENTUM ENGINEERING
481 CARLISLE DRIVE
SUITE 202
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIRST QUARTER 2021
GROUNDWATER ELEVATION
CONTOURS
BUFFALO COLOR AREA D

DRAWING BY	
CHECKED	
APPROVED	

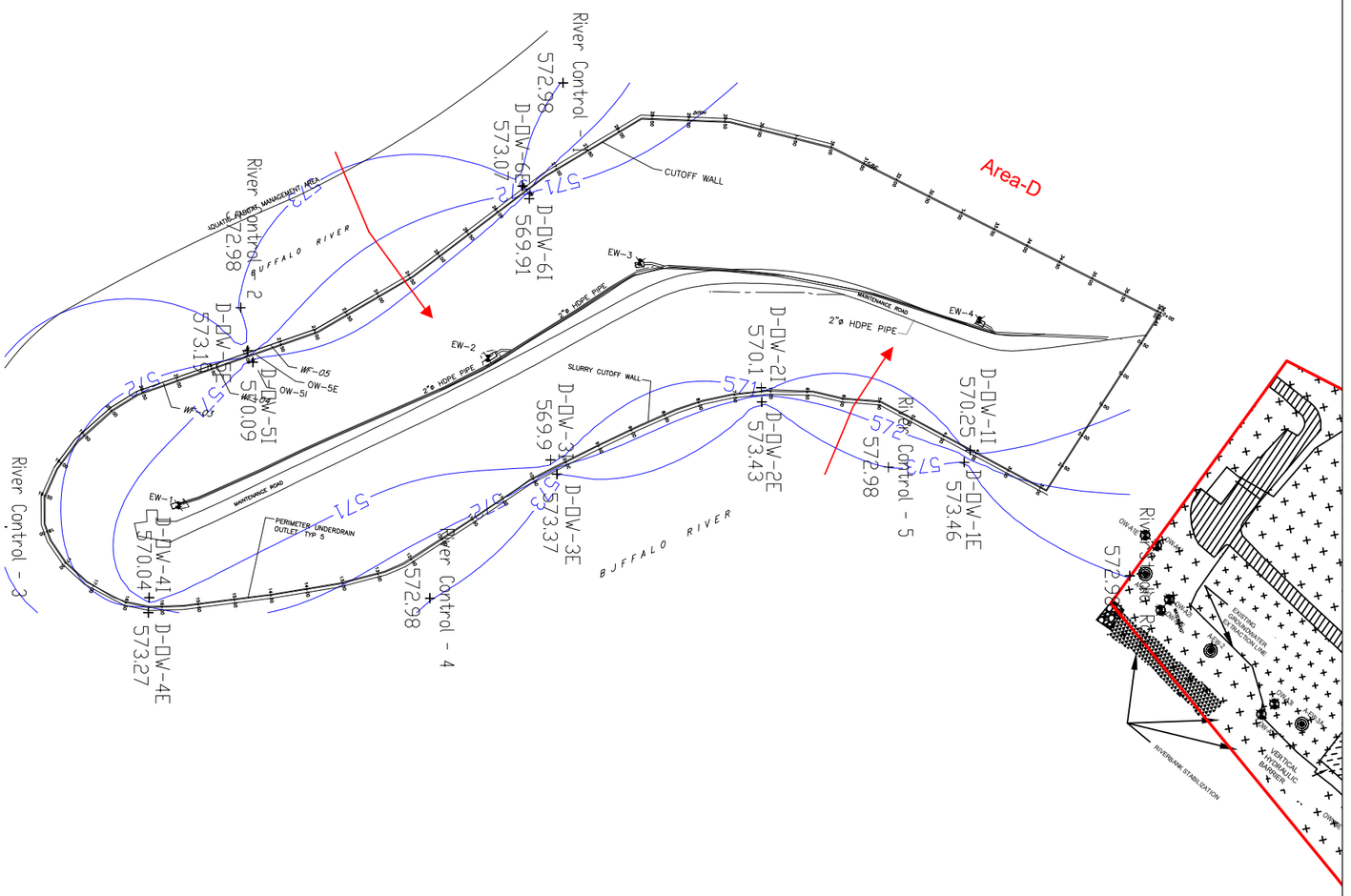


DRAWING NUMBER	FIGURE 4	**INVENTUM ENGINEERING** 481 CARLISLE DRIVE SUITE 202 HERNDON, VIRGINIA 20170 (703) 722-6049 www.InventumEng.com	SECOND QUARTER 2021 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA D		DRAWING BY CHECKED APPROVED

B

Z

200'
100'
0'
200'
1" = 200'



DRAWING NUMBER	FIGURE 5	**INVENTUM ENGINEERING** 481 CARLISLE DRIVE SUITE 202 HERNDON, VIRGINIA 20170 (703) 722-6049 www.InventumEng.com	THIRD QUARTER 2021 GROUNDWATER ELEVATION CONTOURS BUFFALO COLOR AREA D		DRAWING BY CHECKED APPROVED

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: 14220
City/Town: Buffalo
County: Erie
Site Acreage: 18.921

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

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

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

am certifying as Remedial Party (Owner or Remedial Party)

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

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

2/23/2022
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

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

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

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

Stamp (Required for PE)

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

2/23/2022
Date

ATTACHMENT B - SITE INSPECTIONS

Area D Quarterly Inspection

Date: September 30, 2021

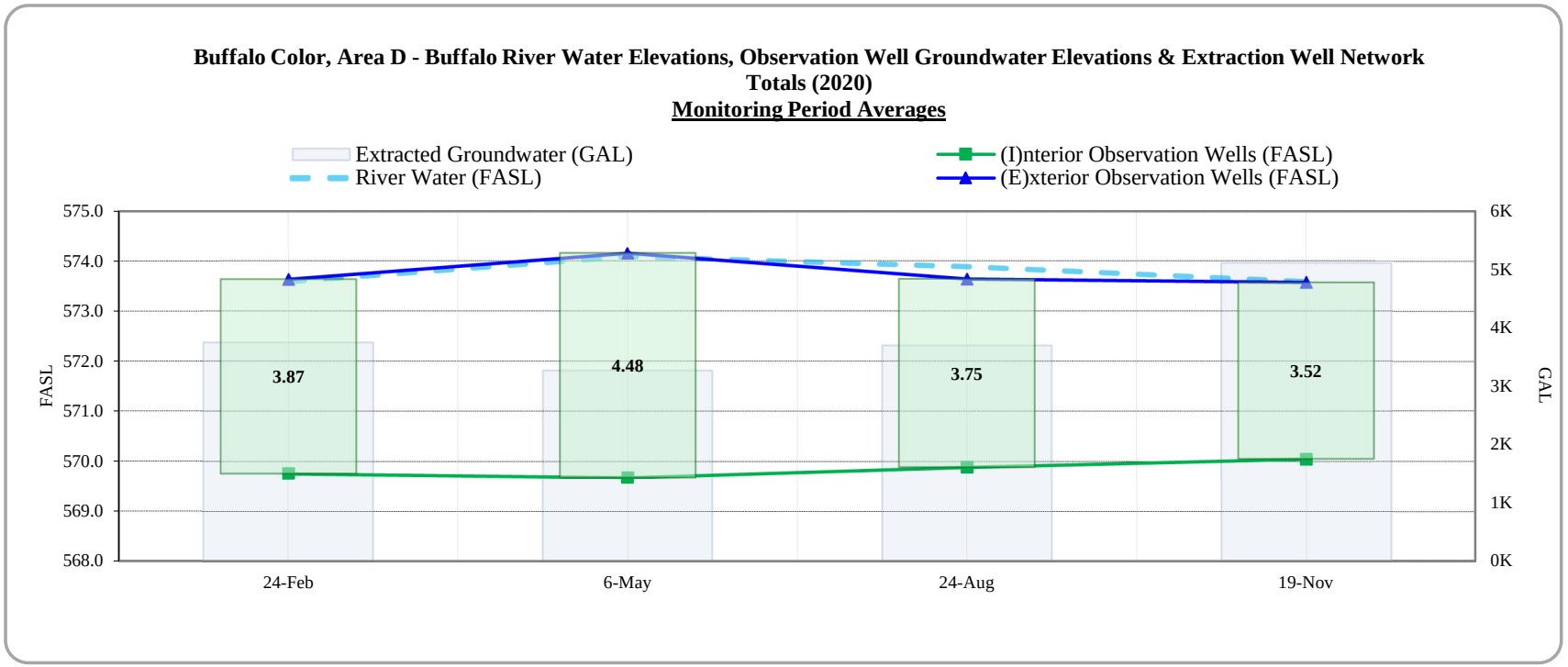
		Area D Additional Notes	Animal control/woodchucks Trapper hired for season. Evaluating growth along shoreline		
Area D Cover System; Riverbank; & Site-Wide Compliance Inspection	Site-Wide Compliance (OK / Comment)	**Area D Institutional Site Use Restrictions**	OK	OK	OK	OK
		Area D O&M Schedule	OK	OK	OK	OK
		Area D Active Site Permits	None	None	None	None
		Area D Site Records	Ok	Ok	Ok	Ok
		Area D Groundwater Monitoring Program	OK	OK	OK	OK
		Area D Vertical Hydraulic Barrier Monitoring Program	OK	OK	OK	OK
	Riverbank (OK / Comment)	**Sediment Deposit Area (SDA) Bathometric Survey (Performed Every 5 Years)**	Ok'	Ok'	Ok'	Ok'
		Area D Shoreline Erosion Protection (Vegetation / Riprap)	OK	OK	OK	OK
		Area D Shoreline Soil Slope Integrity	OK	OK	OK	OK
	Cover System (OK / Comment)	**Area D Storm Drainage System & Structures**	OK	OK	OK	OK
		Area D Occupied Basement Slabs	None	None	None	None
		Area D Outdoor Paved Areas	None	None	None	None
		Area D Gravel Cover Integrity	OK	OK	OK	OK
		Area D Grass / Vegetation	Summer growth doing well	Dormant evaluate in Spring	Spring groth	Ok
		Area D Soil Cover Integrity	OK	OK	OK	OK
Pre-Inspection Data	Site Conditions	**Standing Snow & Ice (LOW: 1" or less / MID: 1" to 12" / HI: 12" or more)**	None	Low	None	Low
		Ground Surface (Dry / Damp / Wet)	Damp	Damp	Damp	Dry
	Weather	**Temperature Range (+/- 10 Deg F Range)**	39	28	55	83
		Wind (Calm / Moderate / Strong)	Calm	Moderate	Calm	Calm
		Lightning (Yes / No)	No	No	No	No
		Precipitation (None / Rain / Snow / Hail)	None	None	None	None
		Cloud Cover (Clear / Pt. Cloudy / Overcast)	Cloudy	Cloudy	Pt. Cloudy	Clear
		NYSDEC Invitation Extended (Yes / No / List Attendees)	No	No	No	No
		Associate(s)	Tom Wagner	Tom Wagner	Tom Wagner	Tom Wagner
		Date	Mon 12/21/2020	Wed 2/24/2021	Wed 5/12/2021	Tue 8/24/2021

ATTACHMENT C - OBSERVATION WELL HYDROGRAPHS

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

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

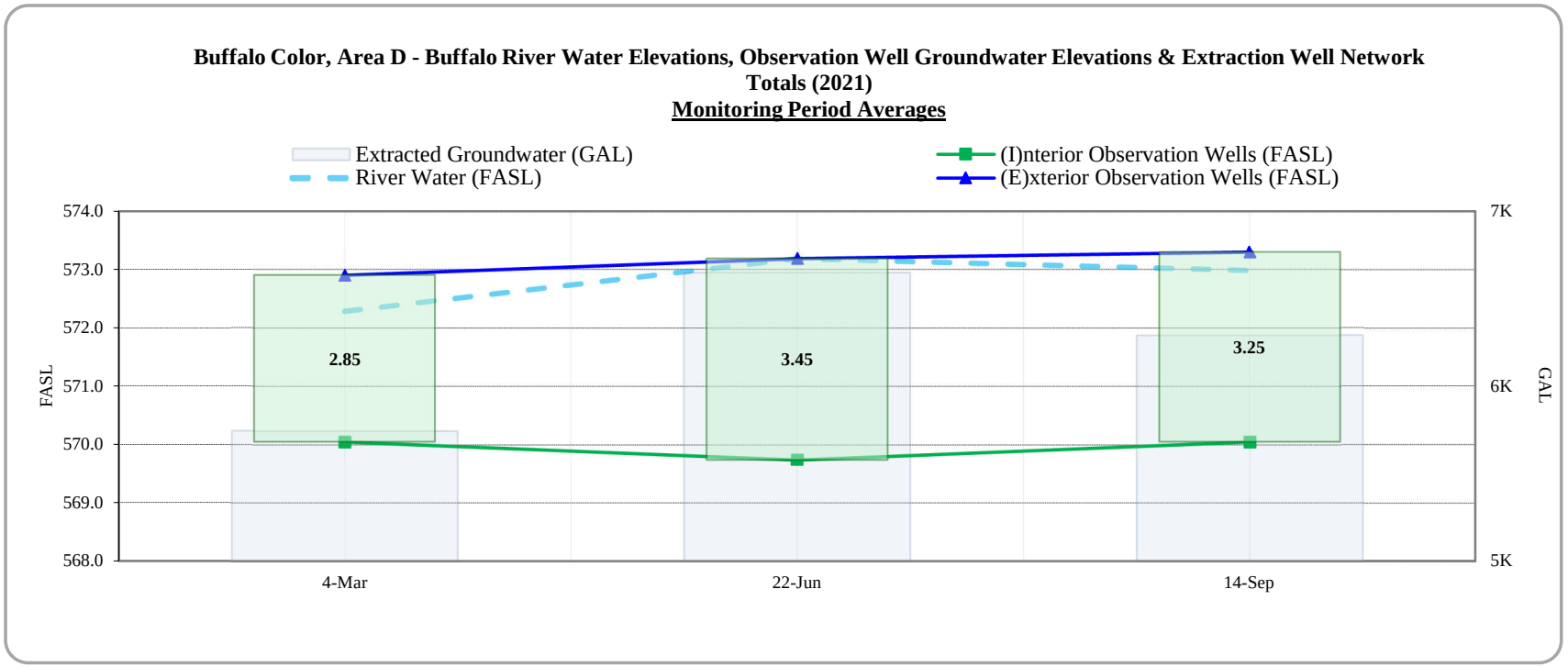
2020	RIVER	D-OW SET (1)			D-OW SET (2)			D-OW SET (3)			D-OW SET (4)			D-OW SET (5)			D-OW SET (6)			AVERAGES			D-EW				
Date	**RSR**	**1I**	**1E**	**1ED**	**2I**	**2E**	**2ED**	**3I**	**3E**	**3ED**	**4I**	**4E**	**4ED**	**5I**	**5E**	**5ED**	**6I**	**6E**	**6ED**	**I**	**E**	**ED**	**1**	**2**	**3**	**4**	**TOTAL**
24-Feb	573.58	570.03	573.60	3.58	569.88	573.64	3.76	569.47	573.62	4.15	569.84	573.62	3.77	569.89	573.61	3.72	569.41	573.69	4.28	569.75	573.63	3.87	620	840	1,312	969	3,741
6-May	574.08	569.83	575.03	5.21	569.73	574.01	4.28	569.54	574.03	4.49	569.68	573.95	4.26	569.68	573.94	4.26	569.57	573.96	4.39	569.67	574.15	4.48	530	710	1,038	984	3,262
24-Aug	573.88	570.10	573.68	3.59	569.94	573.65	3.71	569.63	573.66	4.03	569.91	573.60	3.68	569.97	573.62	3.65	569.75	573.61	3.86	569.88	573.63	3.75	640	780	1,345	927	3,692
19-Nov	573.58	570.18	573.43	3.26	570.11	573.40	3.29	569.94	573.43	3.49	569.96	573.37	3.40	570.09	573.37	3.28	569.99	574.42	4.43	570.04	573.57	3.52	850	1,000	1,783	1,468	5,101
Avg | Sum	***573.78***	***570.03***	***573.94***	***3.91***	***569.91***	***573.67***	***3.76***	***569.64***	***573.68***	***4.04***	***569.85***	***573.63***	***3.78***	***569.91***	***573.63***	***3.72***	***569.68***	***573.92***	***4.24***	***569.84***	***573.74***	***3.91***	**2,640**	**3,330**	**5,478**	**4,348**	**15,796**



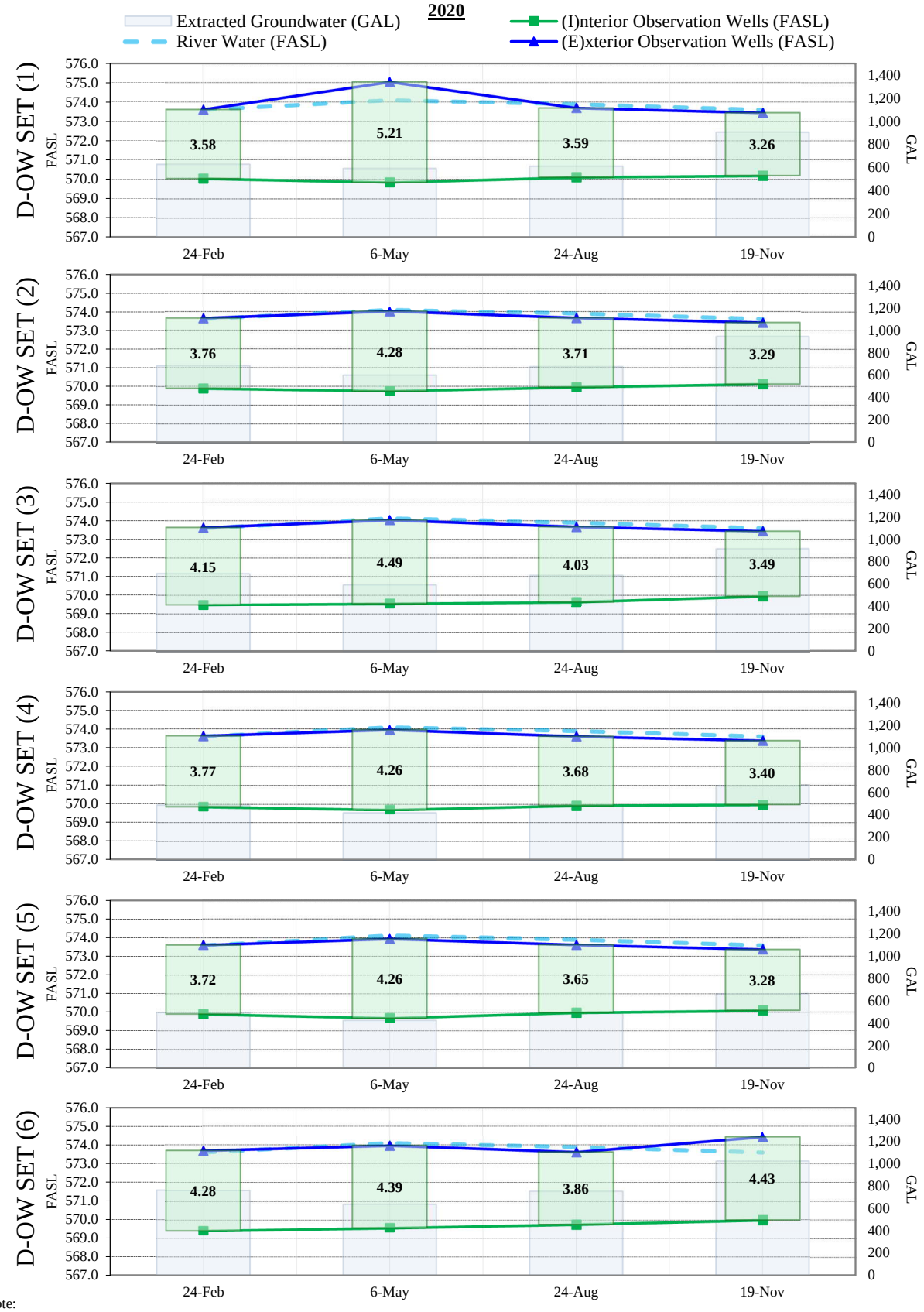
Buffalo Color, Area D - Buffalo River Water Elevations (FASL), Observation Well Groundwater Elevations (FASL), Elevation Differentials (FT) & Extraction Well Network Totals (GAL)

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

2021	RIVER	D-OW SET (1)			D-OW SET (2)			D-OW SET (3)			D-OW SET (4)			D-OW SET (5)			D-OW SET (6)			AVERAGES			D-EW				
Date	**RSR**	**1I**	**1E**	**1ED**	**2I**	**2E**	**2ED**	**3I**	**3E**	**3ED**	**4I**	**4E**	**4ED**	**5I**	**5E**	**5ED**	**6I**	**6E**	**6ED**	**I**	**E**	**ED**	**1**	**2**	**3**	**4**	**TOTAL**
4-Mar	572.28	570.22	572.86	2.65	570.10	572.98	2.88	569.89	572.90	3.01	570.01	572.93	2.91	570.09	572.88	2.79	569.99	572.86	2.87	570.05	572.90	2.85	1,070	1,120	1,962	1,592	5,744
22-Jun	573.18	570.00	573.02	3.03	569.81	573.18	3.37	569.52	573.11	3.59	569.74	573.27	3.52	569.78	573.26	3.48	569.59	573.29	3.70	569.74	573.19	3.45	1,210	1,130	2,427	1,881	6,648
14-Sep	572.98	570.25	573.46	3.22	570.10	573.43	3.33	569.90	573.37	3.47	570.04	573.27	3.22	570.09	573.19	3.10	569.91	573.07	3.16	570.05	573.30	3.25	1,160	900	2,428	1,801	6,289
Avg | Sum	***572.81***	***570.15***	***573.12***	***2.96***	***570.00***	***573.19***	***3.19***	***569.77***	***573.12***	***3.36***	***569.93***	***573.15***	***3.22***	***569.99***	***573.11***	***3.12***	***569.83***	***573.07***	***3.24***	***569.95***	***573.13***	***3.18***	**3,440**	**3,150**	**6,817**	**5,274**	**18,681**

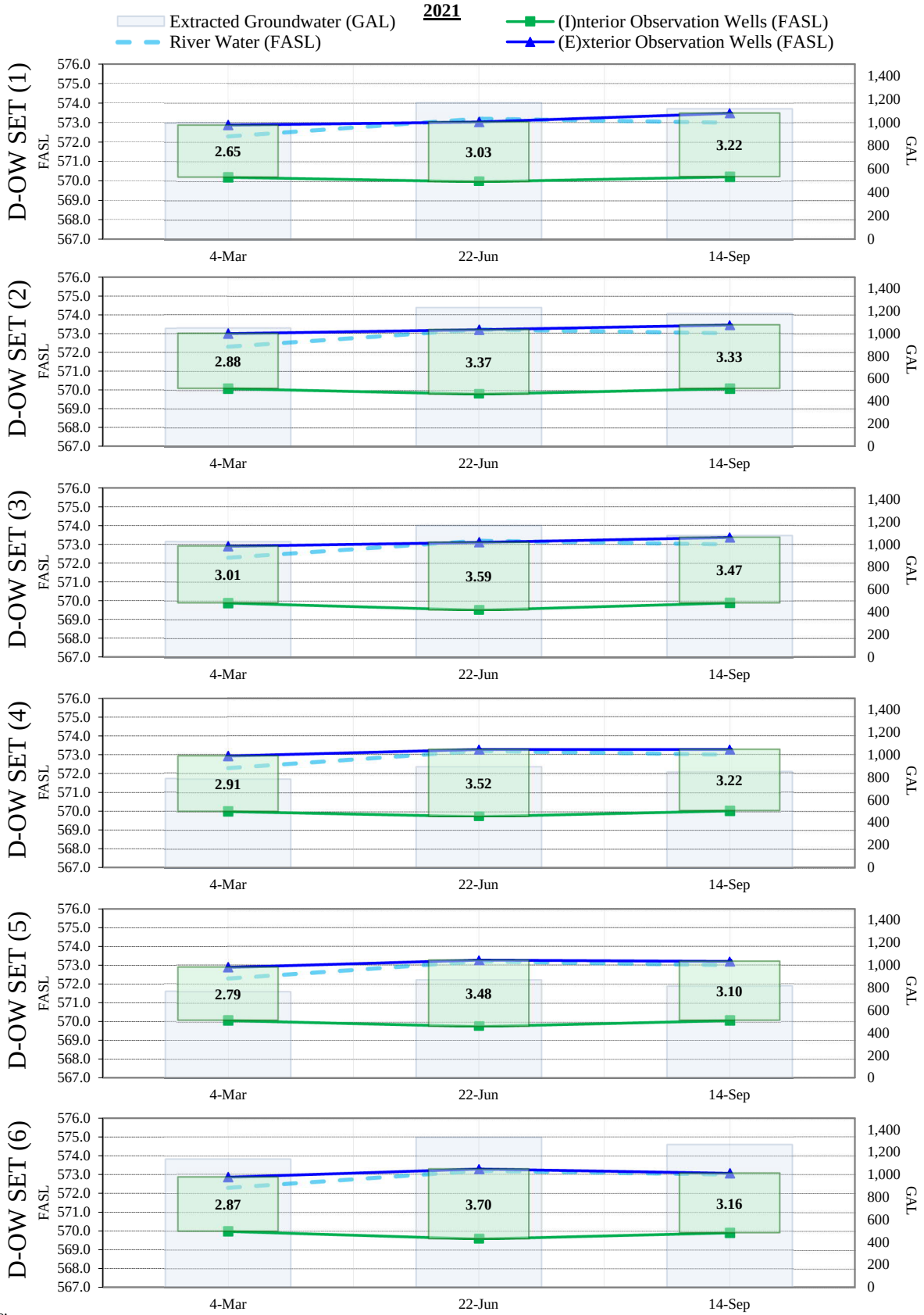


Buffalo Color, Area D - Buffalo River Water Elevations, Observation Well Groundwater Elevations & Extraction Well Network Allocations



Note:
Extracted groundwater (gallons) are estimated values calculated and apportioned to each observation well set based on flow totalizer readings from Area D extraction wells and the distance to the observation well pair.

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



Note:
Extracted groundwater (gallons) are estimated values calculated and apportioned to each observation well set based on flow totalizer readings from Area D extraction wells and the distance to the observation well pair.

ATTACHMENT D - GROUNDWATER DATA

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-185570-1
Client Project/Site: OSC- Former Buffalo Color Sites - 37745
Sampling Event: Buffalo Color Area D Annual Influent

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

Attn: Kirsten Colligan

Authorized for release by:
6/16/2021 3:45:29 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

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

Glossary

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

Case Narrative

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

Job ID: 480-185570-1

Job ID: 480-185570-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-185570-1

Comments
No additional comments.

Receipt
The sample was received on 6/4/2021 3:40 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4º C.

GC/MS VOA
Method 624.1: The continuing calibration verification (CCV) associated with batch 460-783367 recovered outside acceptance criteria, low biased, for Bromoform. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area D Influent_0621 (480-185570-1). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method 625.1: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-584695 and analytical batch 480-585262 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.

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

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

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

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

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

Detection Summary

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

Job ID: 480-185570-1

Client Sample ID: BCC Area D Influent_0621

Lab Sample ID: 480-185570-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		2.0	0.86	ug/L	2		624.1	Total/NA
Chlorobenzene	770		2.0	0.75	ug/L	2		624.1	Total/NA
1,3-Dichlorobenzene	2.7		2.0	0.26	ug/L	2		624.1	Total/NA
1,4-Dichlorobenzene	21		2.0	0.35	ug/L	2		624.1	Total/NA
1,2-Dichlorobenzene	4.1		2.0	0.37	ug/L	2		624.1	Total/NA
1,3-Dichlorobenzene	3.0	J	10	0.69	ug/L	1		625.1	Total/NA
1,4-Dichlorobenzene	26		10	5.6	ug/L	1		625.1	Total/NA
2-Chlorophenol	7.3		5.0	0.66	ug/L	1		625.1	Total/NA
Aniline	10		10	1.5	ug/L	1		625.1	Total/NA
N-Nitrosodiphenylamine	2.0	J	5.0	0.40	ug/L	1		625.1	Total/NA
Chromium	0.0056		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0039	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0041	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0038	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0040	J	0.010	0.0035	mg/L	1		420.4	Total/NA
Total Phosphate as P	0.51	B	0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area D Influent_0621

Lab Sample ID: 480-185570-1

Date Collected: 06/03/21 12:30

Matrix: Water

Date Received: 06/04/21 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0	0.87	ug/L			06/10/21 18:11	2
Bromomethane	ND		2.0	0.90	ug/L			06/10/21 18:11	2
Vinyl chloride	ND		2.0	0.68	ug/L			06/10/21 18:11	2
Chloroethane	ND		2.0	0.64	ug/L			06/10/21 18:11	2
Methylene Chloride	ND		2.0	0.63	ug/L			06/10/21 18:11	2
Trichlorofluoromethane	ND		2.0	0.29	ug/L			06/10/21 18:11	2
1,1-Dichloroethene	ND		2.0	0.23	ug/L			06/10/21 18:11	2
1,1-Dichloroethane	ND		2.0	0.53	ug/L			06/10/21 18:11	2
1,2-Dichloroethene, Total	ND		4.0	0.87	ug/L			06/10/21 18:11	2
Chloroform	ND		2.0	0.65	ug/L			06/10/21 18:11	2
1,2-Dichloroethane	ND		2.0	1.7	ug/L			06/10/21 18:11	2
1,1,1-Trichloroethane	ND		2.0	0.48	ug/L			06/10/21 18:11	2
Carbon tetrachloride	ND		2.0	0.42	ug/L			06/10/21 18:11	2
Bromodichloromethane	ND		2.0	0.69	ug/L			06/10/21 18:11	2
1,2-Dichloropropane	ND		2.0	0.71	ug/L			06/10/21 18:11	2
cis-1,3-Dichloropropene	ND		2.0	0.91	ug/L			06/10/21 18:11	2
Trichloroethene	ND		2.0	0.63	ug/L			06/10/21 18:11	2
Dibromochloromethane	ND		2.0	0.26	ug/L			06/10/21 18:11	2
1,1,2-Trichloroethane	ND		2.0	0.30	ug/L			06/10/21 18:11	2
Benzene	**11**		2.0	0.86	ug/L			06/10/21 18:11	2
trans-1,3-Dichloropropene	ND		2.0	0.43	ug/L			06/10/21 18:11	2
2-Chloroethyl vinyl ether	ND		2.0	1.8	ug/L			06/10/21 18:11	2
Bromoform	ND		2.0	1.1	ug/L			06/10/21 18:11	2
Tetrachloroethene	ND		2.0	0.50	ug/L			06/10/21 18:11	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.73	ug/L			06/10/21 18:11	2
Toluene	ND		2.0	0.76	ug/L			06/10/21 18:11	2
Chlorobenzene	**770**		2.0	0.75	ug/L			06/10/21 18:11	2
Ethylbenzene	ND		2.0	0.60	ug/L			06/10/21 18:11	2
Acrolein	ND		8.0	2.2	ug/L			06/10/21 18:11	2
Acrylonitrile	ND		4.0	1.5	ug/L			06/10/21 18:11	2
1,3-Dichlorobenzene	**2.7**		2.0	0.26	ug/L			06/10/21 18:11	2
1,4-Dichlorobenzene	**21**		2.0	0.35	ug/L			06/10/21 18:11	2
1,2-Dichlorobenzene	**4.1**		2.0	0.37	ug/L			06/10/21 18:11	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*60 - 140*		*06/10/21 18:11*	*2*
Toluene-d8 (Surr)	*110*		*60 - 140*		*06/10/21 18:11*	*2*
4-Bromofluorobenzene	*89*		*60 - 140*		*06/10/21 18:11*	*2*
Dibromofluoromethane (Surr)	*125*		*60 - 140*		*06/10/21 18:11*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		06/09/21 15:31	06/14/21 19:10	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		06/09/21 15:31	06/14/21 19:10	1
1,3-Dichlorobenzene	**3.0**	**J**	10	0.69	ug/L		06/09/21 15:31	06/14/21 19:10	1
1,4-Dichlorobenzene	**26**		10	5.6	ug/L		06/09/21 15:31	06/14/21 19:10	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		06/09/21 15:31	06/14/21 19:10	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		06/09/21 15:31	06/14/21 19:10	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC Area D Influent_0621
Lab Sample ID: 480-185570-1
Date Collected: 06/03/21 12:30
Matrix: Water
Date Received: 06/04/21 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 19:10	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		06/09/21 15:31	06/14/21 19:10	1
2-Chlorophenol	**7.3**		5.0	0.66	ug/L		06/09/21 15:31	06/14/21 19:10	1
2-Nitrophenol	ND		5.0	0.70	ug/L		06/09/21 15:31	06/14/21 19:10	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/09/21 15:31	06/14/21 19:10	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		06/09/21 15:31	06/14/21 19:10	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 19:10	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		06/09/21 15:31	06/14/21 19:10	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		06/09/21 15:31	06/14/21 19:10	1
4-Nitrophenol	ND		10	10	ug/L		06/09/21 15:31	06/14/21 19:10	1
Acenaphthene	ND		5.0	0.81	ug/L		06/09/21 15:31	06/14/21 19:10	1
Acenaphthylene	ND		5.0	0.87	ug/L		06/09/21 15:31	06/14/21 19:10	1
Aniline	**10**		10	1.5	ug/L		06/09/21 15:31	06/14/21 19:10	1
Anthracene	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 19:10	1
Benzidine	ND	*1	80	35	ug/L		06/09/21 15:31	06/14/21 19:10	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		06/09/21 15:31	06/14/21 19:10	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		06/09/21 15:31	06/14/21 19:10	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		06/09/21 15:31	06/14/21 19:10	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		06/09/21 15:31	06/14/21 19:10	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		06/09/21 15:31	06/14/21 19:10	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		06/09/21 15:31	06/14/21 19:10	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		06/09/21 15:31	06/14/21 19:10	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		06/09/21 15:31	06/14/21 19:10	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		06/09/21 15:31	06/14/21 19:10	1
Chrysene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
Decane	ND		10	1.6	ug/L		06/09/21 15:31	06/14/21 19:10	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		06/09/21 15:31	06/14/21 19:10	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		06/09/21 15:31	06/14/21 19:10	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		06/09/21 15:31	06/14/21 19:10	1
Diethyl phthalate	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		06/09/21 15:31	06/14/21 19:10	1
Fluoranthene	ND		5.0	1.6	ug/L		06/09/21 15:31	06/14/21 19:10	1
Fluorene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
Hexachloroethane	ND		5.0	0.60	ug/L		06/09/21 15:31	06/14/21 19:10	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		06/09/21 15:31	06/14/21 19:10	1
Isophorone	ND		5.0	0.74	ug/L		06/09/21 15:31	06/14/21 19:10	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		06/09/21 15:31	06/14/21 19:10	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		06/09/21 15:31	06/14/21 19:10	1
N-Nitrosodiphenylamine	**2.0**	**J**	5.0	0.40	ug/L		06/09/21 15:31	06/14/21 19:10	1
Naphthalene	ND		5.0	0.86	ug/L		06/09/21 15:31	06/14/21 19:10	1
Nitrobenzene	ND		5.0	0.81	ug/L		06/09/21 15:31	06/14/21 19:10	1
Pentachlorophenol	ND		10	1.6	ug/L		06/09/21 15:31	06/14/21 19:10	1
Phenanthrene	ND		5.0	1.2	ug/L		06/09/21 15:31	06/14/21 19:10	1

Client Sample ID: BCC Area D Influent_0621
Lab Sample ID: 480-185570-1

Date Collected: 06/03/21 12:30
Matrix: Water
Date Received: 06/04/21 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.35	ug/L		06/09/21 15:31	06/14/21 19:10	1
Pyrene	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 19:10	1
n-Octadecane	ND		10	1.2	ug/L		06/09/21 15:31	06/14/21 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*110*		*52 - 151*	*06/09/21 15:31*	*06/14/21 19:10*	*1*
2-Fluorobiphenyl	*98*		*44 - 120*	*06/09/21 15:31*	*06/14/21 19:10*	*1*
2-Fluorophenol	*58*		*17 - 120*	*06/09/21 15:31*	*06/14/21 19:10*	*1*
Nitrobenzene-d5	*90*		*15 - 314*	*06/09/21 15:31*	*06/14/21 19:10*	*1*
p-Terphenyl-d14	*74*		*22 - 125*	*06/09/21 15:31*	*06/14/21 19:10*	*1*
Phenol-d5	*41*		*8 - 424*	*06/09/21 15:31*	*06/14/21 19:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 17:29	1
PCB-1221	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 17:29	1
PCB-1232	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 17:29	1
PCB-1242	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 17:29	1
PCB-1248	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 17:29	1
PCB-1254	ND		0.060	0.031	ug/L		06/07/21 15:18	06/08/21 17:29	1
PCB-1260	ND		0.060	0.031	ug/L		06/07/21 15:18	06/08/21 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*39*		*36 - 121*	*06/07/21 15:18*	*06/08/21 17:29*	*1*
Tetrachloro-m-xylene	*57*		*42 - 135*	*06/07/21 15:18*	*06/08/21 17:29*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0056**		0.0040	0.0010	mg/L		06/08/21 10:50	06/09/21 19:01	1
Copper	**0.0039**	**J**	0.010	0.0016	mg/L		06/08/21 10:50	06/09/21 19:01	1
Lead	ND		0.010	0.0030	mg/L		06/08/21 10:50	06/09/21 19:01	1
Nickel	**0.0041**	**J**	0.010	0.0013	mg/L		06/08/21 10:50	06/09/21 19:01	1
Zinc	**0.0038**	**J**	0.010	0.0015	mg/L		06/08/21 10:50	06/09/21 19:01	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/09/21 12:45	06/09/21 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0040**	**J**	0.010	0.0035	mg/L			06/08/21 10:38	1
Cyanide, Amenable	ND		0.010	0.0050	mg/L			06/10/21 16:57	1
Total Phosphate as P	**0.51**	**B**	0.010	0.0050	mg/L as P			06/07/21 09:42	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)	(60-140)
480-185570-1	BCC Area D Influent_0621	128	110	89	125
LCS 460-783367/3	Lab Control Sample	118	108	87	115
LCSD 460-783367/4	Lab Control Sample Dup	118	107	86	116
MB 460-783367/8	Method Blank	123	111	87	121

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
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	TPHd14	PHL
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(22-125)	(8-424)
480-185570-1	BCC Area D Influent_0621	110	98	58	90	74	41
LCS 480-584695/2-A	Lab Control Sample	109	97	59	87	104	44
LCSD 480-584695/3-A	Lab Control Sample Dup	107	96	57	90	100	42
MB 480-584695/1-A	Method Blank	89	96	56	89	103	40

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2	TCX2
Lab Sample ID	Client Sample ID	(36-121)	(42-135)
480-185570-1	BCC Area D Influent_0621	39	57
LCS 480-584302/2-A	Lab Control Sample	63	85
LCSD 480-584302/3-A	Lab Control Sample Dup	68	95
MB 480-584302/1-A	Method Blank	68	93

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 460-783367/8
Matrix: Water
Analysis Batch: 783367

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.43	ug/L			06/10/21 09:37	1
Bromomethane	ND		1.0	0.45	ug/L			06/10/21 09:37	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/10/21 09:37	1
Chloroethane	ND		1.0	0.32	ug/L			06/10/21 09:37	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/10/21 09:37	1
Trichlorofluoromethane	ND		1.0	0.14	ug/L			06/10/21 09:37	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/10/21 09:37	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/10/21 09:37	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/10/21 09:37	1
Chloroform	ND		1.0	0.33	ug/L			06/10/21 09:37	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/10/21 09:37	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/10/21 09:37	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/10/21 09:37	1
Bromodichloromethane	ND		1.0	0.34	ug/L			06/10/21 09:37	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/10/21 09:37	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/10/21 09:37	1
Trichloroethene	ND		1.0	0.31	ug/L			06/10/21 09:37	1
Dibromochloromethane	ND		1.0	0.13	ug/L			06/10/21 09:37	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/10/21 09:37	1
Benzene	ND		1.0	0.43	ug/L			06/10/21 09:37	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/10/21 09:37	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/10/21 09:37	1
Bromoform	ND		1.0	0.54	ug/L			06/10/21 09:37	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/10/21 09:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/10/21 09:37	1
Toluene	ND		1.0	0.38	ug/L			06/10/21 09:37	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/10/21 09:37	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/10/21 09:37	1
Acrolein	ND		4.0	1.1	ug/L			06/10/21 09:37	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/10/21 09:37	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/10/21 09:37	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/10/21 09:37	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/10/21 09:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*60 - 140*		*06/10/21 09:37*	*1*
Toluene-d8 (Surr)	*111*		*60 - 140*		*06/10/21 09:37*	*1*
4-Bromofluorobenzene	*87*		*60 - 140*		*06/10/21 09:37*	*1*
Dibromofluoromethane (Surr)	*121*		*60 - 140*		*06/10/21 09:37*	*1*

Lab Sample ID: LCS 460-783367/3
Matrix: Water
Analysis Batch: 783367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	21.6		ug/L		108	0.1 - 205
Bromomethane	20.0	11.3		ug/L		57	15 - 185
Vinyl chloride	20.0	24.4		ug/L		122	5 - 195

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

Lab Sample ID: LCS 460-783367/3
Matrix: Water
Analysis Batch: 783367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	20.0	21.7		ug/L		109	40 - 160
Methylene Chloride	20.0	25.5		ug/L		128	60 - 140
Trichlorofluoromethane	20.0	19.3		ug/L		96	50 - 150
1,1-Dichloroethene	20.0	24.3		ug/L		121	50 - 150
1,1-Dichloroethane	20.0	26.1		ug/L		130	70 - 130
1,2-Dichloroethene, Total	40.0	48.7		ug/L		122	60 - 140
Chloroform	20.0	23.7		ug/L		119	70 - 135
1,2-Dichloroethane	20.0	22.9		ug/L		114	70 - 130
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	70 - 130
Carbon tetrachloride	20.0	21.0		ug/L		105	70 - 130
Bromodichloromethane	20.0	24.0		ug/L		120	65 - 135
1,2-Dichloropropane	20.0	27.3		ug/L		136	35 - 165
cis-1,3-Dichloropropene	20.0	21.7		ug/L		109	25 - 175
Trichloroethene	20.0	24.6		ug/L		123	65 - 135
Dibromochloromethane	20.0	17.7		ug/L		88	70 - 135
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	70 - 130
Benzene	20.0	22.0		ug/L		110	65 - 135
trans-1,3-Dichloropropene	20.0	20.3		ug/L		102	50 - 150
2-Chloroethyl vinyl ether	20.0	28.3		ug/L		141	0.1 - 225
Bromoform	20.0	15.1		ug/L		75	70 - 130
Tetrachloroethene	20.0	16.4		ug/L		82	70 - 130
1,1,2,2-Tetrachloroethane	20.0	22.9		ug/L		114	60 - 140
Toluene	20.0	20.6		ug/L		103	70 - 130
Chlorobenzene	20.0	19.7		ug/L		98	65 - 135
Ethylbenzene	20.0	20.0		ug/L		100	60 - 140
Acrolein	40.6	57.1		ug/L		141	10 - 150
Acrylonitrile	200	221		ug/L		110	60 - 140
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130
1,4-Dichlorobenzene	20.0	17.8		ug/L		89	65 - 135
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	65 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 140*
Toluene-d8 (Surr)	*108*		*60 - 140*
4-Bromofluorobenzene	*87*		*60 - 140*
Dibromofluoromethane (Surr)	*115*		*60 - 140*

Lab Sample ID: LCSD 460-783367/4
Matrix: Water
Analysis Batch: 783367

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	20.0	22.1		ug/L		110	0.1 - 205	2	60
Bromomethane	20.0	12.4		ug/L		62	15 - 185	9	61
Vinyl chloride	20.0	24.4		ug/L		122	5 - 195	0	66
Chloroethane	20.0	21.4		ug/L		107	40 - 160	1	78
Methylene Chloride	20.0	24.7		ug/L		124	60 - 140	3	28
Trichlorofluoromethane	20.0	19.8		ug/L		99	50 - 150	3	84

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

Lab Sample ID: LCSD 460-783367/4
Matrix: Water
Analysis Batch: 783367

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	20.0	24.5		ug/L		123	50 - 150	1	32
1,1-Dichloroethane	20.0	25.8		ug/L		129	70 - 130	1	40
1,2-Dichloroethene, Total	40.0	47.5		ug/L		119	60 - 140	2	50
Chloroform	20.0	23.3		ug/L		117	70 - 135	2	54
1,2-Dichloroethane	20.0	22.4		ug/L		112	70 - 130	2	49
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	70 - 130	0	36
Carbon tetrachloride	20.0	21.2		ug/L		106	70 - 130	1	41
Bromodichloromethane	20.0	24.1		ug/L		120	65 - 135	0	56
1,2-Dichloropropane	20.0	26.9		ug/L		135	35 - 165	1	55
cis-1,3-Dichloropropene	20.0	21.1		ug/L		106	25 - 175	3	58
Trichloroethene	20.0	24.3		ug/L		122	65 - 135	1	48
Dibromochloromethane	20.0	17.7		ug/L		88	70 - 135	0	50
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130	2	45
Benzene	20.0	21.4		ug/L		107	65 - 135	3	61
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	50 - 150	4	86
2-Chloroethyl vinyl ether	20.0	27.3		ug/L		136	0.1 - 225	4	71
Bromoform	20.0	14.7		ug/L		74	70 - 130	2	42
Tetrachloroethene	20.0	16.2		ug/L		81	70 - 130	2	39
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		111	60 - 140	3	61
Toluene	20.0	20.4		ug/L		102	70 - 130	1	41
Chlorobenzene	20.0	19.1		ug/L		96	65 - 135	3	53
Ethylbenzene	20.0	19.3		ug/L		97	60 - 140	4	63
Acrolein	40.6	52.2		ug/L		129	10 - 150	9	60
Acrylonitrile	200	217		ug/L		109	60 - 140	2	60
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130	2	43
1,4-Dichlorobenzene	20.0	17.8		ug/L		89	65 - 135	0	57
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	65 - 135	0	57

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 140*
Toluene-d8 (Surr)	*107*		*60 - 140*
4-Bromofluorobenzene	*86*		*60 - 140*
Dibromofluoromethane (Surr)	*116*		*60 - 140*

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

Lab Sample ID: MB 480-584695/1-A
Matrix: Water
Analysis Batch: 585262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		06/09/21 15:31	06/14/21 17:09	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		06/09/21 15:31	06/14/21 17:09	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		06/09/21 15:31	06/14/21 17:09	1
1,4-Dichlorobenzene	ND		10	5.6	ug/L		06/09/21 15:31	06/14/21 17:09	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		06/09/21 15:31	06/14/21 17:09	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		06/09/21 15:31	06/14/21 17:09	1

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

Lab Sample ID: MB 480-584695/1-A
Matrix: Water
Analysis Batch: 585262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 17:09	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
2,4-Dinitrotoluene	ND		5.0	5.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		06/09/21 15:31	06/14/21 17:09	1
2-Chlorophenol	ND		5.0	0.66	ug/L		06/09/21 15:31	06/14/21 17:09	1
2-Nitrophenol	ND		5.0	0.70	ug/L		06/09/21 15:31	06/14/21 17:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/09/21 15:31	06/14/21 17:09	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		06/09/21 15:31	06/14/21 17:09	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 17:09	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		06/09/21 15:31	06/14/21 17:09	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		06/09/21 15:31	06/14/21 17:09	1
4-Nitrophenol	ND		10	10	ug/L		06/09/21 15:31	06/14/21 17:09	1
Acenaphthene	ND		5.0	0.81	ug/L		06/09/21 15:31	06/14/21 17:09	1
Acenaphthylene	ND		5.0	0.87	ug/L		06/09/21 15:31	06/14/21 17:09	1
Aniline	ND		10	1.5	ug/L		06/09/21 15:31	06/14/21 17:09	1
Anthracene	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 17:09	1
Benzidine	ND		80	35	ug/L		06/09/21 15:31	06/14/21 17:09	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		06/09/21 15:31	06/14/21 17:09	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		06/09/21 15:31	06/14/21 17:09	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		06/09/21 15:31	06/14/21 17:09	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		06/09/21 15:31	06/14/21 17:09	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		06/09/21 15:31	06/14/21 17:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		06/09/21 15:31	06/14/21 17:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		06/09/21 15:31	06/14/21 17:09	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		06/09/21 15:31	06/14/21 17:09	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		06/09/21 15:31	06/14/21 17:09	1
Chrysene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
Decane	ND		10	1.6	ug/L		06/09/21 15:31	06/14/21 17:09	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		06/09/21 15:31	06/14/21 17:09	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		06/09/21 15:31	06/14/21 17:09	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		06/09/21 15:31	06/14/21 17:09	1
Diethyl phthalate	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		06/09/21 15:31	06/14/21 17:09	1
Fluoranthene	ND		5.0	1.6	ug/L		06/09/21 15:31	06/14/21 17:09	1
Fluorene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
Hexachlorocyclopentadiene	ND		5.0	5.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
Hexachloroethane	ND		5.0	0.60	ug/L		06/09/21 15:31	06/14/21 17:09	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		06/09/21 15:31	06/14/21 17:09	1
Isophorone	ND		5.0	0.74	ug/L		06/09/21 15:31	06/14/21 17:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		06/09/21 15:31	06/14/21 17:09	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		06/09/21 15:31	06/14/21 17:09	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/09/21 15:31	06/14/21 17:09	1
Naphthalene	ND		5.0	0.86	ug/L		06/09/21 15:31	06/14/21 17:09	1
Nitrobenzene	ND		5.0	0.81	ug/L		06/09/21 15:31	06/14/21 17:09	1
Pentachlorophenol	ND		10	1.6	ug/L		06/09/21 15:31	06/14/21 17:09	1
Phenanthrene	ND		5.0	1.2	ug/L		06/09/21 15:31	06/14/21 17:09	1

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

Lab Sample ID: MB 480-584695/1-A
Matrix: Water
Analysis Batch: 585262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.35	ug/L		06/09/21 15:31	06/14/21 17:09	1
Pyrene	ND		5.0	1.4	ug/L		06/09/21 15:31	06/14/21 17:09	1
n-Octadecane	ND		10	1.2	ug/L		06/09/21 15:31	06/14/21 17:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 151*	*06/09/21 15:31*	*06/14/21 17:09*	*1*
2-Fluorobiphenyl	*96*		*44 - 120*	*06/09/21 15:31*	*06/14/21 17:09*	*1*
2-Fluorophenol	*56*		*17 - 120*	*06/09/21 15:31*	*06/14/21 17:09*	*1*
Nitrobenzene-d5	*89*		*15 - 314*	*06/09/21 15:31*	*06/14/21 17:09*	*1*
p-Terphenyl-d14	*103*		*22 - 125*	*06/09/21 15:31*	*06/14/21 17:09*	*1*
Phenol-d5	*40*		*8 - 424*	*06/09/21 15:31*	*06/14/21 17:09*	*1*

Lab Sample ID: LCS 480-584695/2-A
Matrix: Water
Analysis Batch: 585262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 584695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	44 - 142
1,2-Dichlorobenzene	50.0	43.6		ug/L		87	32 - 129
1,3-Dichlorobenzene	50.0	42.3		ug/L		85	1 - 172
1,4-Dichlorobenzene	50.0	43.1		ug/L		86	20 - 124
2,2'-oxybis[1-chloropropane]	50.0	42.5		ug/L		85	36 - 166
2,4,6-Trichlorophenol	50.0	51.5		ug/L		103	37 - 144
2,4-Dichlorophenol	50.0	50.2		ug/L		100	39 - 135
2,4-Dimethylphenol	50.0	49.0		ug/L		98	32 - 120
2,4-Dinitrophenol	100	107		ug/L		107	1 - 191
2,4-Dinitrotoluene	50.0	54.2		ug/L		108	39 - 139
2,6-Dinitrotoluene	50.0	51.9		ug/L		104	50 - 158
2-Chloronaphthalene	50.0	48.2		ug/L		96	60 - 120
2-Chlorophenol	50.0	44.7		ug/L		89	23 - 134
2-Nitrophenol	50.0	48.9		ug/L		98	29 - 182
3,3'-Dichlorobenzidine	100	104		ug/L		104	1 - 262
4,6-Dinitro-2-methylphenol	100	110		ug/L		110	1 - 181
4-Bromophenyl phenyl ether	50.0	51.6		ug/L		103	53 - 127
4-Chloro-3-methylphenol	50.0	50.8		ug/L		102	22 - 147
4-Chlorophenyl phenyl ether	50.0	51.3		ug/L		103	25 - 158
4-Nitrophenol	100	54.5		ug/L		54	1 - 132
Acenaphthene	50.0	48.4		ug/L		97	47 - 145
Acenaphthylene	50.0	48.2		ug/L		96	33 - 145
Aniline	50.0	39.2		ug/L		78	40 - 120
Anthracene	50.0	53.3		ug/L		107	27 - 133
Benzo[a]anthracene	50.0	53.1		ug/L		106	33 - 143
Benzo[a]pyrene	50.0	53.0		ug/L		106	17 - 163
Benzo[b]fluoranthene	50.0	52.1		ug/L		104	24 - 159
Benzo[g,h,i]perylene	50.0	53.1		ug/L		106	1 - 219
Benzo[k]fluoranthene	50.0	53.5		ug/L		107	11 - 162
Bis(2-chloroethoxy)methane	50.0	47.0		ug/L		94	33 - 184
Bis(2-chloroethyl)ether	50.0	46.7		ug/L		93	12 - 158

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

Lab Sample ID: LCS 480-584695/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 585262
Prep Batch: 584695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	50.0	52.0		ug/L		104	8 - 158
Butyl benzyl phthalate	50.0	51.9		ug/L		104	1 - 152
Chrysene	50.0	55.3		ug/L		111	17 - 168
Di-n-butyl phthalate	50.0	52.4		ug/L		105	1 - 120
Di-n-octyl phthalate	50.0	52.1		ug/L		104	4 - 146
Dibenz(a,h)anthracene	50.0	53.2		ug/L		106	1 - 227
Diethyl phthalate	50.0	50.3		ug/L		101	1 - 120
Dimethyl phthalate	50.0	51.6		ug/L		103	1 - 120
Fluoranthene	50.0	54.1		ug/L		108	26 - 137
Fluorene	50.0	50.8		ug/L		102	59 - 121
Hexachlorobenzene	50.0	51.6		ug/L		103	1 - 152
Hexachlorocyclopentadiene	50.0	46.8		ug/L		94	5 - 120
Hexachloroethane	50.0	43.0		ug/L		86	40 - 120
Indeno[1,2,3-cd]pyrene	50.0	53.4		ug/L		107	1 - 171
Isophorone	50.0	48.4		ug/L		97	21 - 196
N-Nitrosodi-n-propylamine	50.0	46.8		ug/L		94	1 - 230
N-Nitrosodiphenylamine	50.0	52.5		ug/L		105	54 - 125
Naphthalene	50.0	46.6		ug/L		93	21 - 133
Nitrobenzene	50.0	45.1		ug/L		90	35 - 180
Pentachlorophenol	100	115		ug/L		115	14 - 176
Phenanthrene	50.0	53.4		ug/L		107	54 - 120
Phenol	50.0	24.7		ug/L		49	5 - 120
Pyrene	50.0	51.2		ug/L		102	52 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*109*		*52 - 151*
2-Fluorobiphenyl	*97*		*44 - 120*
2-Fluorophenol	*59*		*17 - 120*
Nitrobenzene-d5	*87*		*15 - 314*
p-Terphenyl-d14	*104*		*22 - 125*
Phenol-d5	*44*		*8 - 424*

Lab Sample ID: LCSD 480-584695/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 585262
Prep Batch: 584695

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	50.0	43.8		ug/L		88	44 - 142	5	34
1,2-Dichlorobenzene	50.0	42.1		ug/L		84	32 - 129	4	38
1,3-Dichlorobenzene	50.0	39.6		ug/L		79	1 - 172	7	37
1,4-Dichlorobenzene	50.0	40.6		ug/L		81	20 - 124	6	40
2,2'-oxybis[1-chloropropane]	50.0	40.6		ug/L		81	36 - 166	5	36
2,4,6-Trichlorophenol	50.0	51.0		ug/L		102	37 - 144	1	20
2,4-Dichlorophenol	50.0	48.5		ug/L		97	39 - 135	3	23
2,4-Dimethylphenol	50.0	45.8		ug/L		92	32 - 120	7	18
2,4-Dinitrophenol	100	110		ug/L		110	1 - 191	3	29
2,4-Dinitrotoluene	50.0	53.0		ug/L		106	39 - 139	2	20
2,6-Dinitrotoluene	50.0	51.1		ug/L		102	50 - 158	2	17

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

Lab Sample ID: LCSD 480-584695/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 585262
Prep Batch: 584695

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene			50.0	47.6		ug/L		95	60 - 120	1	30
2-Chlorophenol			50.0	41.6		ug/L		83	23 - 134	7	26
2-Nitrophenol			50.0	47.8		ug/L		96	29 - 182	2	28
3,3'-Dichlorobenzidine			100	100		ug/L		100	1 - 262	4	31
4,6-Dinitro-2-methylphenol			100	109		ug/L		109	1 - 181	2	30
4-Bromophenyl phenyl ether			50.0	51.5		ug/L		103	53 - 127	0	16
4-Chloro-3-methylphenol			50.0	48.8		ug/L		98	22 - 147	4	16
4-Chlorophenyl phenyl ether			50.0	49.5		ug/L		99	25 - 158	4	15
4-Nitrophenol			100	53.8		ug/L		54	1 - 132	1	24
Acenaphthene			50.0	47.7		ug/L		95	47 - 145	1	25
Acenaphthylene			50.0	47.4		ug/L		95	33 - 145	2	22
Aniline			50.0	37.2		ug/L		74	40 - 120	5	30
Anthracene			50.0	51.5		ug/L		103	27 - 133	3	15
Benzo[a]anthracene			50.0	50.5		ug/L		101	33 - 143	5	15
Benzo[a]pyrene			50.0	51.9		ug/L		104	17 - 163	2	15
Benzo[b]fluoranthene			50.0	50.4		ug/L		101	24 - 159	3	17
Benzo[g,h,i]perylene			50.0	50.6		ug/L		101	1 - 219	5	19
Benzo[k]fluoranthene			50.0	52.7		ug/L		105	11 - 162	1	19
Bis(2-chloroethoxy)methane			50.0	45.3		ug/L		91	33 - 184	4	23
Bis(2-chloroethyl)ether			50.0	43.4		ug/L		87	12 - 158	7	33
Bis(2-ethylhexyl) phthalate			50.0	49.5		ug/L		99	8 - 158	5	15
Butyl benzyl phthalate			50.0	50.0		ug/L		100	1 - 152	4	15
Chrysene			50.0	52.5		ug/L		105	17 - 168	5	15
Di-n-butyl phthalate			50.0	50.6		ug/L		101	1 - 120	3	15
Di-n-octyl phthalate			50.0	50.5		ug/L		101	4 - 146	3	15
Dibenz(a,h)anthracene			50.0	51.6		ug/L		103	1 - 227	3	18
Diethyl phthalate			50.0	49.7		ug/L		99	1 - 120	1	15
Dimethyl phthalate			50.0	50.8		ug/L		102	1 - 120	1	15
Fluoranthene			50.0	51.2		ug/L		102	26 - 137	5	15
Fluorene			50.0	49.8		ug/L		100	59 - 121	2	18
Hexachlorobenzene			50.0	50.9		ug/L		102	1 - 152	1	15
Hexachlorocyclopentadiene			50.0	43.7		ug/L		87	5 - 120	7	50
Hexachloroethane			50.0	39.4		ug/L		79	40 - 120	9	43
Indeno[1,2,3-cd]pyrene			50.0	51.6		ug/L		103	1 - 171	3	17
Isophorone			50.0	47.0		ug/L		94	21 - 196	3	21
N-Nitrosodi-n-propylamine			50.0	44.3		ug/L		89	1 - 230	6	23
N-Nitrosodiphenylamine			50.0	50.3		ug/L		101	54 - 125	4	15
Naphthalene			50.0	44.8		ug/L		90	21 - 133	4	31
Nitrobenzene			50.0	45.5		ug/L		91	35 - 180	1	27
Pentachlorophenol			100	111		ug/L		111	14 - 176	3	21
Phenanthrene			50.0	52.1		ug/L		104	54 - 120	2	16
Phenol			50.0	23.2		ug/L		46	5 - 120	6	36
Pyrene			50.0	49.6		ug/L		99	52 - 120	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*107*		*52 - 151*
2-Fluorobiphenyl	*96*		*44 - 120*
2-Fluorophenol	*57*		*17 - 120*

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

Lab Sample ID: LCSD 480-584695/3-A
Matrix: Water
Analysis Batch: 585262

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 584695

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*90*		*15 - 314*
p-Terphenyl-d14	*100*		*22 - 125*
Phenol-d5	*42*		*8 - 424*

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

Lab Sample ID: MB 480-584302/1-A
Matrix: Water
Analysis Batch: 584434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 14:16	1
PCB-1221	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 14:16	1
PCB-1232	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 14:16	1
PCB-1242	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 14:16	1
PCB-1248	ND		0.060	0.038	ug/L		06/07/21 15:18	06/08/21 14:16	1
PCB-1254	ND		0.060	0.031	ug/L		06/07/21 15:18	06/08/21 14:16	1
PCB-1260	ND		0.060	0.031	ug/L		06/07/21 15:18	06/08/21 14:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*36 - 121*	*06/07/21 15:18*	*06/08/21 14:16*	*1*
Tetrachloro-m-xylene	*93*		*42 - 135*	*06/07/21 15:18*	*06/08/21 14:16*	*1*

Lab Sample ID: LCS 480-584302/2-A
Matrix: Water
Analysis Batch: 584434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 584302

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.00	0.949		ug/L		95	69 - 123		
PCB-1260			1.00	0.930		ug/L		93	69 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*36 - 121*
Tetrachloro-m-xylene	*85*		*42 - 135*

Lab Sample ID: LCSD 480-584302/3-A
Matrix: Water
Analysis Batch: 584434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 584302

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	9	30
PCB-1260			1.00	0.983		ug/L		98	69 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*68*		*36 - 121*
Tetrachloro-m-xylene	*95*		*42 - 135*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-584204/1-A
Matrix: Water
Analysis Batch: 584800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584204

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		06/08/21 10:50	06/09/21 17:48	1
Copper	ND		0.010	0.0016	mg/L		06/08/21 10:50	06/09/21 17:48	1
Lead	ND		0.010	0.0030	mg/L		06/08/21 10:50	06/09/21 17:48	1
Nickel	ND		0.010	0.0013	mg/L		06/08/21 10:50	06/09/21 17:48	1
Zinc	ND		0.010	0.0015	mg/L		06/08/21 10:50	06/09/21 17:48	1

Lab Sample ID: LCS 480-584204/2-A
Matrix: Water
Analysis Batch: 584800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 584204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.203		mg/L		102	85 - 115
Copper	0.200	0.204		mg/L		102	85 - 115
Lead	0.200	0.201		mg/L		101	85 - 115
Nickel	0.200	0.198		mg/L		99	85 - 115
Zinc	0.200	0.201		mg/L		101	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-584530/1-A
Matrix: Water
Analysis Batch: 584721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584530

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/09/21 12:45	06/09/21 15:36	1

Lab Sample ID: LCS 480-584530/2-A
Matrix: Water
Analysis Batch: 584721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 584530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00708		mg/L		106	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-584441/44
Matrix: Water
Analysis Batch: 584441

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			06/08/21 09:22	1

Lab Sample ID: LCS 480-584441/45
Matrix: Water
Analysis Batch: 584441

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	0.0988		mg/L		99	90 - 110

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 480-584276/3
Matrix: Water
Analysis Batch: 584276

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	0.00541	J	0.010	0.0050	mg/L as P			06/07/21 09:42	1

Lab Sample ID: LCS 480-584276/4
Matrix: Water
Analysis Batch: 584276

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	0.220		mg/L as P		110	90 - 110

GC/MS VOA

Analysis Batch: 783367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	624.1	
MB 460-783367/8	Method Blank	Total/NA	Water	624.1	
LCS 460-783367/3	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-783367/4	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 584695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	625	
MB 480-584695/1-A	Method Blank	Total/NA	Water	625	
LCS 480-584695/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-584695/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 585262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	625.1	584695
MB 480-584695/1-A	Method Blank	Total/NA	Water	625.1	584695
LCS 480-584695/2-A	Lab Control Sample	Total/NA	Water	625.1	584695
LCSD 480-584695/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	584695

GC Semi VOA

Prep Batch: 584302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	3510C	
MB 480-584302/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-584302/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-584302/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 584434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	608.3	584302
MB 480-584302/1-A	Method Blank	Total/NA	Water	608.3	584302
LCS 480-584302/2-A	Lab Control Sample	Total/NA	Water	608.3	584302
LCSD 480-584302/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	584302

Metals

Prep Batch: 584204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	200.7	
MB 480-584204/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-584204/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 584530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	245.1	
MB 480-584530/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-584530/2-A	Lab Control Sample	Total/NA	Water	245.1	

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Metals

Analysis Batch: 584721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	245.1	584530
MB 480-584530/1-A	Method Blank	Total/NA	Water	245.1	584530
LCS 480-584530/2-A	Lab Control Sample	Total/NA	Water	245.1	584530

Analysis Batch: 584800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	200.7 Rev 4.4	584204
MB 480-584204/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	584204
LCS 480-584204/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	584204

General Chemistry

Analysis Batch: 584276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	SM 4500 P E	
MB 480-584276/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-584276/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 584441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	420.4	
MB 480-584441/44	Method Blank	Total/NA	Water	420.4	
LCS 480-584441/45	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 585063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185570-1	BCC Area D Influent_0621	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC Area D Influent_0621
Lab Sample ID: 480-185570-1

Date Collected: 06/03/21 12:30
Matrix: Water
Date Received: 06/04/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		2	783367	06/10/21 18:11	AAT	TAL EDI
Total/NA	Prep	625			584695	06/09/21 15:31	CMC	TAL BUF
Total/NA	Analysis	625.1		1	585262	06/14/21 19:10	JMM	TAL BUF
Total/NA	Prep	3510C			584302	06/07/21 15:18	CMC	TAL BUF
Total/NA	Analysis	608.3		1	584434	06/08/21 17:29	W1T	TAL BUF
Total/NA	Prep	200.7			584204	06/08/21 10:50	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	584800	06/09/21 19:01	LMH	TAL BUF
Total/NA	Prep	245.1			584530	06/09/21 12:45	BMB	TAL BUF
Total/NA	Analysis	245.1		1	584721	06/09/21 15:39	BMB	TAL BUF
Total/NA	Analysis	420.4		1	584441	06/08/21 10:38	CLT	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	585063	06/10/21 16:57	DLG	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	584276	06/07/21 09:42	EAG	TAL BUF

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Laboratory: Eurofins TestAmerica, 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	04-01-22

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
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

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-22
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-22
Pennsylvania	NELAP	68-00522	02-28-22
Rhode Island	State	LAO00132	12-30-21
USDA	US Federal Programs	P330-20-00244	11-03-23

Method Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
625.1	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
420.4	Phenolics, Total Recoverable	MCAWW	TAL BUF
SM 4500 CN G	Cyanide, Amenable	SM	TAL BUF
SM 4500 P E	Phosphorus	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF
245.1	Preparation, Mercury	EPA	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
625	Liquid-Liquid Extraction	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185570-1	BCC Area D Influent_0621	Water	06/03/21 12:30	06/04/21 15:40	

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-185570-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

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
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 6-3-21	COC No: 480-146028-8316.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	**Analysis Turnaround Time**			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[x] 2 weeks			
Project Name: Buffalo Color GWTF Area D Influent	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230 EIM SITE ID - 37745	[ ] 2 days			
PO# 64036	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Total Phosphate as P	200.7 , 245.1	420.4 - Total Recoverable Phenolics	624_5ml - [redacted] Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - [redacted] Priority Pollutant List - SVOA - 6	4500_CN_E , 4500_CN_G	SM4500CN_G_Calc - Cyanaide Amenable	Sample Specific Notes:
BCC_Area D_Influent_0621	6/3-21	1230	G	W	12	N	1	1	1	3	2	2	1	1	
Container Volume (mL)							250	250	250	40	250	250	250	250	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							3	4	3	2	1	1	5	5	

Possible Hazard Identification

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

[ ] *Return To Client* [X] *Disposal By Lab* [ ] *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

#1 3, 4

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	6/3-21 1540		TAS	6/4/21 1040
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

6/16/2021

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

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-64344.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Schove@Eurofinset.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-185570-1
Address: 777 New Durham Road, ,	Due Date Requested: 6/17/2021			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: OSC- Former Buffalo Color Sites - 37745	Project #: 48003159			
Site: Honeywell- Buffalo Sites	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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)	624.1_PREC/624_Prep_7D Priority Pollutant List - VOA	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BCC Area D Influent_0621 (480-185570-1)	6/3/21	12:30 Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out 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 TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

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: Matthew Cicolo	Date/Time: 6/8/21 1700	Company: TA	Received by: Via Fedex	Date/Time: 6/9/21 9:40	Company: E.T.A.	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact:	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No	513/27	

9 - 2.7 = 2.2

Ver: 11/01/2020

6/16/2021

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-185570-1

Login Number: 185570
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

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

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-185570-1

Login Number: 185570
List Number: 2
Creator: Meyers, Gary

List Source: Eurofins TestAmerica, Edison
List Creation: 06/10/21 11:11 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1513127
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.	True	

ATTACHMENT E - DISCHARGE MONITORING REPORTS

May 14, 2021

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

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

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of January 1 through March 31, 2021. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc: Richard Galloway — Honeywell
Eugene Melnyk — NYSDEC Region 9
John Yensan — South Buffalo Development, LLC

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

B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: January 1, 2021 through March 31, 2021

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

Total Flow Data by Month:

January 2021	498,494 gallons
February 2021	556,830 gallons
March 2021	405,959 gallons

Total Quarterly Discharge 1,461,926 gallons

Estimated Area D contribution this period:
5,744 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: 2021	Event Group: SUMP
Sample Date:	2/9/2021		Month: MAR	Lab Job ID: J181028-1
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	8.4	0.100	SU	8.40	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.053	0.010	mg/L	0.007	lbs/day	1.67	lbs/day	Yes	20	0.053	Yes
Total Chromium	7440-47-3	0.0055	0.0040	mg/L	0.0008	lbs/day	0.83	lbs/day	Yes	40	0.01	Yes
Total Copper	7440-50-8	0.0065	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0065	Yes
Lead	7439-92-1	0.0071	0.0050	mg/L	0.0010	lbs/day	0.541	lbs/day	Yes	65	0.0071	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0031	0.010	mg/L	0.0004	lbs/day	1.17	lbs/day	Yes	14	0.0031	Yes
Zinc	7440-66-6	0.0050	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.005	Yes
Amendable Cyanide	CAN	ND	0.010	mg/L	ND	lbs/day	2.59	lbs/day	Yes	6.2	ND	Yes
Total PCB	Sum Method_E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	14	40	ug/L	1.919	lbs/day	50	lbs/day	Yes	0.01	0.0140	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	1.9	5	ug/L	0.0003	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	320	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	19.9	25	ug/L	0.020	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	213	4.0	mg/L	213.0	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.34	0.010	mg/L	0.340	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	11.40703808	-	gpm	16,426	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	67,940,926	1/1/2021
Final Reading	69,402,852	3/31/2021
Total Days in Period	89	
Total Flow for Period	**1,461,926**	gallons
Average Flow for Period	**11.41**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

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

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

April 30, 2020

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

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

Dear Mr. Gabner:

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

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

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

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM

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

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

Areas A and D of the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, New York 14210

to the Buffalo Municipal Sewer System.

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

Effective this June 1, 2020

To Expire May 31, 2023

General Manager

Signed this 30th **day of** April **, 20** 20

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

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

Sample		Discharge Limitations		Sampling Requirements	
Point	**Parameter**	**Daily Max**	**MAID*** (mg/L)	**Type**	**Frequency**
001	pH[1]	5.0 - 12.0 SU		Probe	**Quarterly**
	Total Flow	50,000 gals		Flow Meter[2]	**Continuous**
	BOD_5	250 mg/L [3]		Composite [4]	**Quarterly**
	Total Suspended Solids	250 mg/L [3]		Composite	**Quarterly**
	Total Phosphate	15.35 mg/L[3]		Composite	**Quarterly**
	Total Phenol[5]	1.67 lbs	20.0	Composite	**Quarterly**
	Amenable Cyanide	2.59 lbs	6.2	Grab [7]	**Quarterly**
	Total Mercury	0.00033 lbs	0.0008	Composite	**Quarterly**
	Total Nickel	1.17 lbs	14.0	Composite	**Quarterly**
	Total Copper	0.67 lbs	16.0	Composite	**Quarterly**
	Total Chromium	0.83 lbs	40.0	Composite	**Quarterly**
	Lead	0.541 lbs	65.0	Composite	**Quarterly**
	Zinc	2.046 lbs	25.0	Composite	**Quarterly**
	Purgeables-EPA Test Methods 624	[6]		Grab[7]	**Quarterly**
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	[8]		Grab	**Quarterly**
	EPA Test Method 608	[9]		Grab	**Quarterly**
	Aniline	50.0 lbs	0.00	Grab	**Quarterly**
	Benzene	0.059 lbs	0.142 mg/L	Grab	**Quarterly**
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	**Quarterly**
	1, 2-Dichlorbenzene	0.197 lbs.	0.472 mg/L	Grab	**Quarterly**
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	**Quarterly**
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

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

* Each reporting dated is for samples collected during the previous quarter.
** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

(1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.

(2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more that 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.

(3) Surchargeable limit only.

(4) Composite samples may be flow proportioned.

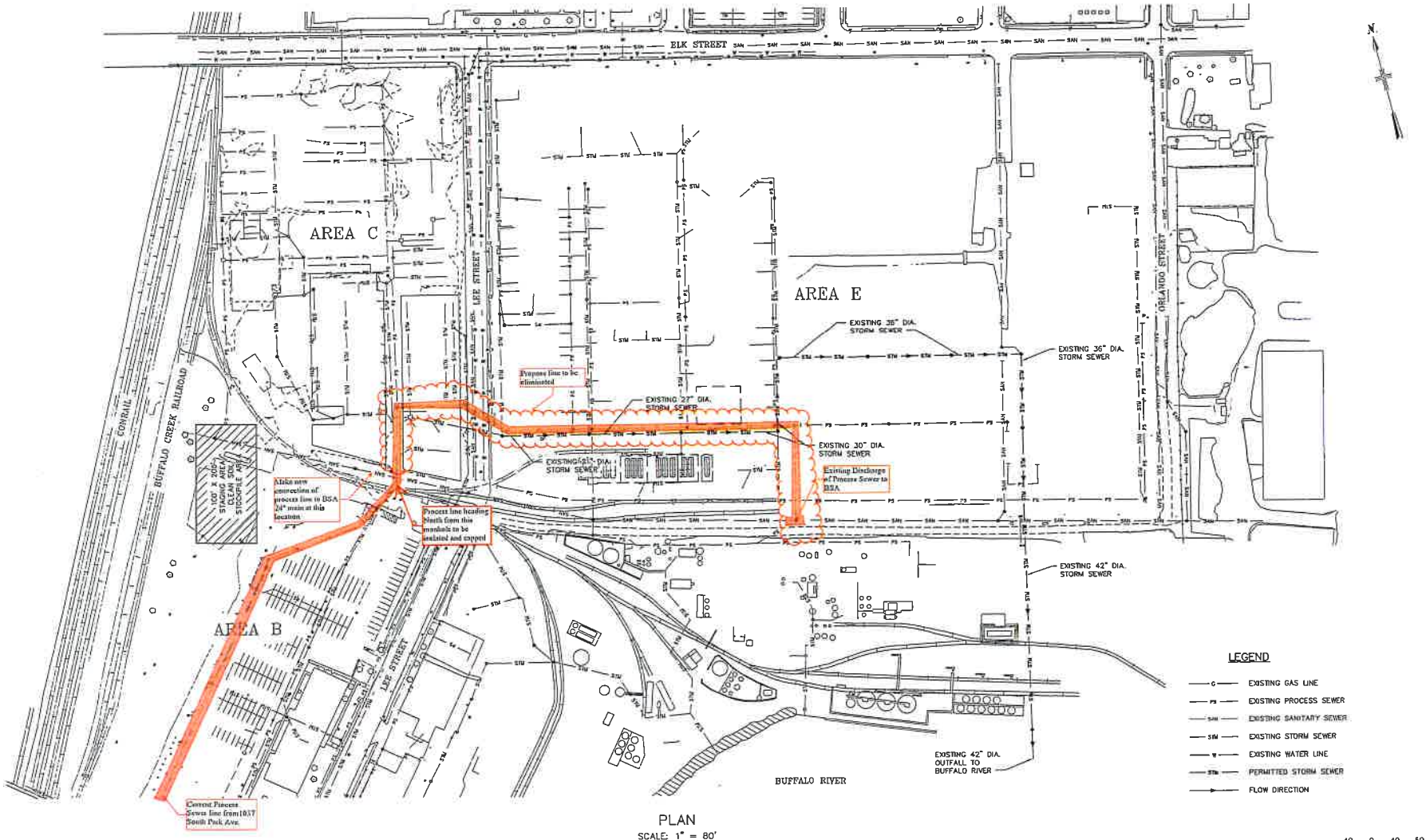
(5) EPA Test Method 604.

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

(7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.

(8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater that 0.01 mg/L.

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



PLAN
SCALE: 1" = 80'

SCALE: 1" = 80'

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES CMC
DWN MAW
CKD TAW

ONTARIO SPECIALTY CONTRACTORS
HONEYWELL/ FORMER BUFFALO COLOR FACILITY
BUFFALO, NEW YORK

AREA C DRAINAGE DESIGN

EXISTING SITE PLAN

SCALE: 1" = 80'

DATE FEBRUARY 2011
G SHEET 1 OF 3
CAD REF. NO. 6927G001

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

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

4. Notification of Slug, Accidental Discharge or Spill

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

5. Noncompliance Notification

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

a. a description of the discharge and cause of noncompliance and;

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:

(i) A description of the upset, its cause(s) and impact on the discharger's compliance status;

(ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;

(iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any

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

10. Treatment Bypasses

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

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

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

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

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

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

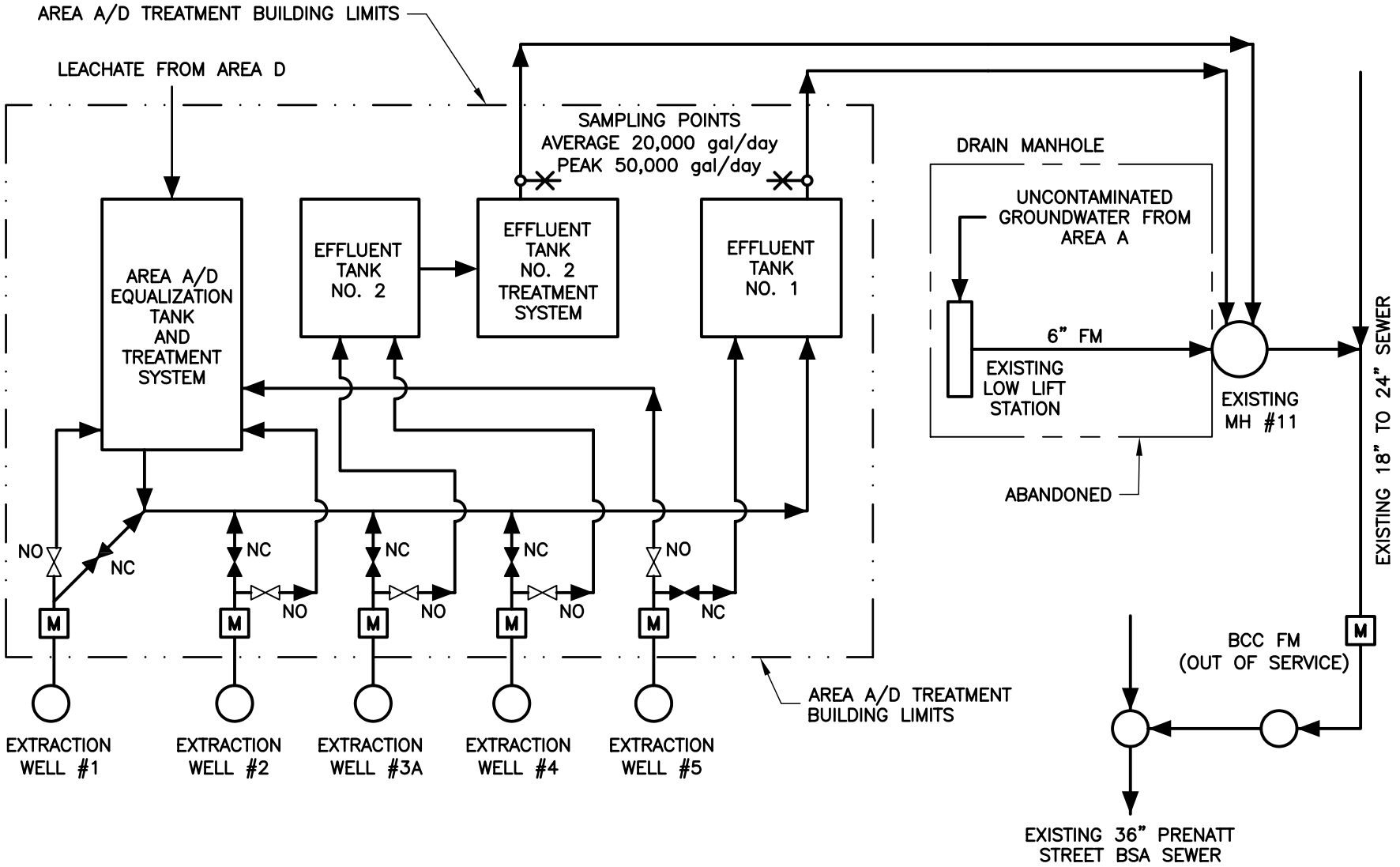
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY

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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-181028-1
Client Project/Site: Buffalo Color GWTF Sump

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

Attn: Kirsten Colligan

Authorized for release by:
2/19/2021 3:21:05 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-181028-1
Project/Site: Buffalo Color GWTF 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.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

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

General Chemistry

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Case Narrative

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

Job ID: 480-181028-1

Job ID: 480-181028-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-181028-1

Comments
No additional comments.

Receipt
The samples were received on 2/9/2021 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 7.8º C.

GC/MS VOA
Method 624.1: The preservative used in the sample containers provided is not compatible with the Method 624 analytes requested. The following sample was received preserved with hydrochloric acid: TRIP BLANK (480-181028-2). 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 analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

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

General Chemistry
Method SM 5210B: The glucose-glutamic acid standard (LCS) recovered low outside the recovery limits specified in the method in batch 480-569245. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC-BSA SUMP_0221 (480-181028-1).

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-569626.

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

Detection Summary

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

Job ID: 480-181028-1

Client Sample ID: BCC-BSA SUMP_0221 — Lab Sample ID: 480-181028-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.9	J	5.0	0.48	ug/L	1		624.1	Total/NA
Aniline	14	J	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	4.0	J	20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0055		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0065	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0071	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0031	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0050	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.053	F1	0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	213		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	21.7	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.34		0.010	0.0050	mg/L as P	1		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-181028-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-181028-1

Client Sample ID: BCC-BSA SUMP_0221
Date Collected: 02/09/21 13:30
Date Received: 02/09/21 15:45

Lab Sample ID: 480-181028-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/10/21 17:05	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/10/21 17:05	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/10/21 17:05	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/10/21 17:05	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/10/21 17:05	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/10/21 17:05	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/10/21 17:05	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/10/21 17:05	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/10/21 17:05	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/10/21 17:05	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/10/21 17:05	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/10/21 17:05	1
Acrolein	ND		100	17	ug/L			02/10/21 17:05	1
Acrylonitrile	ND		100	1.9	ug/L			02/10/21 17:05	1
Benzene	ND		5.0	0.60	ug/L			02/10/21 17:05	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/10/21 17:05	1
Bromoform	ND		5.0	0.47	ug/L			02/10/21 17:05	1
Bromomethane	ND		5.0	1.2	ug/L			02/10/21 17:05	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/10/21 17:05	1
Chlorobenzene	**1.9**	**J**	5.0	0.48	ug/L			02/10/21 17:05	1
Chloroethane	ND		5.0	0.87	ug/L			02/10/21 17:05	1
Chloroform	ND		5.0	0.54	ug/L			02/10/21 17:05	1
Chloromethane	ND		5.0	0.64	ug/L			02/10/21 17:05	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/10/21 17:05	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/10/21 17:05	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/10/21 17:05	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/10/21 17:05	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/10/21 17:05	1
Toluene	ND		5.0	0.45	ug/L			02/10/21 17:05	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/10/21 17:05	1
Trichloroethene	ND		5.0	0.60	ug/L			02/10/21 17:05	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/10/21 17:05	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/10/21 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*02/10/21 17:05*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 123*		*02/10/21 17:05*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*02/10/21 17:05*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*02/10/21 17:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		02/15/21 14:51	02/17/21 16:47	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		02/15/21 14:51	02/17/21 16:47	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		02/15/21 14:51	02/17/21 16:47	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		02/15/21 14:51	02/17/21 16:47	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 16:47	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		02/15/21 14:51	02/17/21 16:47	1

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

Job ID: 480-181028-1

Client Sample ID: BCC-BSA SUMP_0221
Date Collected: 02/09/21 13:30
Date Received: 02/09/21 15:45

Lab Sample ID: 480-181028-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 16:47	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
2-Chloronaphthalene	ND		20	0.91	ug/L		02/15/21 14:51	02/17/21 16:47	1
2-Chlorophenol	ND		20	0.66	ug/L		02/15/21 14:51	02/17/21 16:47	1
2-Nitrophenol	ND		20	0.70	ug/L		02/15/21 14:51	02/17/21 16:47	1
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		02/15/21 14:51	02/17/21 16:47	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		02/15/21 14:51	02/17/21 16:47	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 16:47	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		02/15/21 14:51	02/17/21 16:47	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 16:47	1
4-Nitrophenol	ND		40	10	ug/L		02/15/21 14:51	02/17/21 16:47	1
Acenaphthene	ND		20	0.81	ug/L		02/15/21 14:51	02/17/21 16:47	1
Acenaphthylene	ND		20	0.87	ug/L		02/15/21 14:51	02/17/21 16:47	1
Aniline	**14**	**J**	40	1.5	ug/L		02/15/21 14:51	02/17/21 16:47	1
Anthracene	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 16:47	1
Benzidine	ND		320	35	ug/L		02/15/21 14:51	02/17/21 16:47	1
Benzo[a]anthracene	ND		20	1.1	ug/L		02/15/21 14:51	02/17/21 16:47	1
Benzo[a]pyrene	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 16:47	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		02/15/21 14:51	02/17/21 16:47	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		02/15/21 14:51	02/17/21 16:47	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 16:47	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		02/15/21 14:51	02/17/21 16:47	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		02/15/21 14:51	02/17/21 16:47	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		02/15/21 14:51	02/17/21 16:47	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		02/15/21 14:51	02/17/21 16:47	1
Chrysene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		02/15/21 14:51	02/17/21 16:47	1
Diethyl phthalate	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
Dimethyl phthalate	ND		20	0.91	ug/L		02/15/21 14:51	02/17/21 16:47	1
Di-n-butyl phthalate	**4.0**	**J**	20	1.6	ug/L		02/15/21 14:51	02/17/21 16:47	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		02/15/21 14:51	02/17/21 16:47	1
Fluoranthene	ND		20	1.6	ug/L		02/15/21 14:51	02/17/21 16:47	1
Fluorene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
Hexachlorobenzene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
Hexachlorobutadiene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
Hexachloroethane	ND		20	0.60	ug/L		02/15/21 14:51	02/17/21 16:47	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		02/15/21 14:51	02/17/21 16:47	1
Isophorone	ND		20	0.74	ug/L		02/15/21 14:51	02/17/21 16:47	1
Naphthalene	ND		20	0.86	ug/L		02/15/21 14:51	02/17/21 16:47	1
Decane	ND		40	1.6	ug/L		02/15/21 14:51	02/17/21 16:47	1
Nitrobenzene	ND		20	0.81	ug/L		02/15/21 14:51	02/17/21 16:47	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		02/15/21 14:51	02/17/21 16:47	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		02/15/21 14:51	02/17/21 16:47	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		02/15/21 14:51	02/17/21 16:47	1
n-Octadecane	ND		40	1.2	ug/L		02/15/21 14:51	02/17/21 16:47	1
Pentachlorophenol	ND		40	5.4	ug/L		02/15/21 14:51	02/17/21 16:47	1
Phenanthrene	ND		20	1.2	ug/L		02/15/21 14:51	02/17/21 16:47	1

Client Sample ID: BCC-BSA SUMP_0221
Date Collected: 02/09/21 13:30
Date Received: 02/09/21 15:45

Lab Sample ID: 480-181028-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		02/15/21 14:51	02/17/21 16:47	1
Pyrene	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 16:47	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*52 - 151*	*02/15/21 14:51*	*02/17/21 16:47*	*1*
2-Fluorobiphenyl	*97*		*44 - 120*	*02/15/21 14:51*	*02/17/21 16:47*	*1*
2-Fluorophenol	*64*		*17 - 120*	*02/15/21 14:51*	*02/17/21 16:47*	*1*
Nitrobenzene-d5	*92*		*15 - 314*	*02/15/21 14:51*	*02/17/21 16:47*	*1*
Phenol-d5	*47*		*8 - 424*	*02/15/21 14:51*	*02/17/21 16:47*	*1*
p-Terphenyl-d14	*102*		*22 - 125*	*02/15/21 14:51*	*02/17/21 16:47*	*1*

Method: 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		02/16/21 09:01	02/17/21 02:02	1
PCB-1221	ND		0.059	0.037	ug/L		02/16/21 09:01	02/17/21 02:02	1
PCB-1232	ND		0.059	0.037	ug/L		02/16/21 09:01	02/17/21 02:02	1
PCB-1242	ND		0.059	0.037	ug/L		02/16/21 09:01	02/17/21 02:02	1
PCB-1248	ND		0.059	0.037	ug/L		02/16/21 09:01	02/17/21 02:02	1
PCB-1254	ND		0.059	0.030	ug/L		02/16/21 09:01	02/17/21 02:02	1
PCB-1260	ND		0.059	0.030	ug/L		02/16/21 09:01	02/17/21 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*	*p*	*36 - 121*	*02/16/21 09:01*	*02/17/21 02:02*	*1*
Tetrachloro-m-xylene	*80*		*42 - 135*	*02/16/21 09:01*	*02/17/21 02:02*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0055**		0.0040	0.0010	mg/L		02/11/21 09:50	02/12/21 02:01	1
Copper	**0.0065**	**J**	0.010	0.0016	mg/L		02/11/21 09:50	02/12/21 02:01	1
Lead	**0.0071**	**J**	0.010	0.0030	mg/L		02/11/21 09:50	02/12/21 02:01	1
Nickel	**0.0031**	**J**	0.010	0.0013	mg/L		02/11/21 09:50	02/12/21 02:01	1
Zinc	**0.0050**	**J**	0.010	0.0015	mg/L		02/11/21 09:50	02/12/21 02:01	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/10/21 13:49	02/10/21 18:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.053**	**F1**	0.010	0.0035	mg/L			02/11/21 15:38	1
Cyanide, Amenable	ND		0.010	0.0050	mg/L			02/12/21 14:23	1
Phosphorus	**0.34**		0.010	0.0050	mg/L as P			02/17/21 14:00	1
Biochemical Oxygen Demand	ND	*-	6.0	6.0	mg/L			02/11/21 10:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**213**		4.0	4.0	mg/L			02/13/21 16:04	1
pH	**8.4**	**HF**	0.1	0.1	SU			02/16/21 10:37	1
Temperature	**21.7**	**HF**	0.001	0.001	Degrees C			02/16/21 10:37	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-181028-1
Project/Site: Buffalo Color GWTF Sump

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-181028-2
Date Collected: 02/09/21 00:00
Matrix: Water
Date Received: 02/09/21 15:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/10/21 17:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/10/21 17:28	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/10/21 17:28	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/10/21 17:28	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/10/21 17:28	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/10/21 17:28	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/10/21 17:28	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/10/21 17:28	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/10/21 17:28	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/10/21 17:28	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/10/21 17:28	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/10/21 17:28	1
Acrolein	ND		100	17	ug/L			02/10/21 17:28	1
Acrylonitrile	ND		100	1.9	ug/L			02/10/21 17:28	1
Benzene	ND		5.0	0.60	ug/L			02/10/21 17:28	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/10/21 17:28	1
Bromoform	ND		5.0	0.47	ug/L			02/10/21 17:28	1
Bromomethane	ND		5.0	1.2	ug/L			02/10/21 17:28	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/10/21 17:28	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/10/21 17:28	1
Chloroethane	ND		5.0	0.87	ug/L			02/10/21 17:28	1
Chloroform	ND		5.0	0.54	ug/L			02/10/21 17:28	1
Chloromethane	ND		5.0	0.64	ug/L			02/10/21 17:28	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/10/21 17:28	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/10/21 17:28	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/10/21 17:28	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/10/21 17:28	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/10/21 17:28	1
Toluene	ND		5.0	0.45	ug/L			02/10/21 17:28	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/10/21 17:28	1
Trichloroethene	ND		5.0	0.60	ug/L			02/10/21 17:28	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/10/21 17:28	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/10/21 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*68 - 130*		*02/10/21 17:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 123*		*02/10/21 17:28*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*02/10/21 17:28*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*02/10/21 17:28*	*1*

Surrogate Summary

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

Job ID: 480-181028-1

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)
480-181028-1	BCC-BSA SUMP_0221	103	97	102	97
480-181028-2	TRIP BLANK	107	99	106	98
LCS 480-568898/7	Lab Control Sample	107	99	104	108
MB 480-568898/9	Method Blank	103	98	101	96

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)
480-181028-1	BCC-BSA SUMP_0221	90	97	64	92	47	102
LCS 480-569559/2-A	Lab Control Sample	98	94	68	95	53	100
LCSD 480-569559/3-A	Lab Control Sample Dup	106	97	71	99	55	103
MB 480-569559/1-A	Method Blank	77	89	61	83	44	99

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	(36-121)	(42-135)
480-181028-1	BCC-BSA SUMP_0221	42 p	80
LCS 480-569626/2-A	Lab Control Sample	61 p	87
LCSD 480-569626/3-A	Lab Control Sample Dup	58 p	88
MB 480-569626/1-A	Method Blank	63 p	88

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-568898/9
Matrix: Water
Analysis Batch: 568898

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/10/21 11:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/10/21 11:36	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/10/21 11:36	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/10/21 11:36	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/10/21 11:36	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/10/21 11:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/10/21 11:36	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/10/21 11:36	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/10/21 11:36	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/10/21 11:36	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/10/21 11:36	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/10/21 11:36	1
Acrolein	ND		100	17	ug/L			02/10/21 11:36	1
Acrylonitrile	ND		100	1.9	ug/L			02/10/21 11:36	1
Benzene	ND		5.0	0.60	ug/L			02/10/21 11:36	1
Bromodichloromethane	ND		5.0	0.54	ug/L			02/10/21 11:36	1
Bromoform	ND		5.0	0.47	ug/L			02/10/21 11:36	1
Bromomethane	ND		5.0	1.2	ug/L			02/10/21 11:36	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/10/21 11:36	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/10/21 11:36	1
Chloroethane	ND		5.0	0.87	ug/L			02/10/21 11:36	1
Chloroform	ND		5.0	0.54	ug/L			02/10/21 11:36	1
Chloromethane	ND		5.0	0.64	ug/L			02/10/21 11:36	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/10/21 11:36	1
Dibromochloromethane	ND		5.0	0.41	ug/L			02/10/21 11:36	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/10/21 11:36	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/10/21 11:36	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/10/21 11:36	1
Toluene	ND		5.0	0.45	ug/L			02/10/21 11:36	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/10/21 11:36	1
Trichloroethene	ND		5.0	0.60	ug/L			02/10/21 11:36	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			02/10/21 11:36	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/10/21 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*02/10/21 11:36*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 123*		*02/10/21 11:36*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*02/10/21 11:36*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*02/10/21 11:36*	*1*

Lab Sample ID: LCS 480-568898/7
Matrix: Water
Analysis Batch: 568898

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	52 - 162
1,1,2,2-Tetrachloroethane	20.0	19.5		ug/L		98	46 - 157
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	52 - 150

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

Lab Sample ID: LCS 480-568898/7
Matrix: Water
Analysis Batch: 568898

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	20.8		ug/L		104	59 - 155
1,1-Dichloroethene	20.0	21.2		ug/L		106	1 - 234
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	18 - 190
1,2-Dichloroethane	20.0	20.9		ug/L		105	49 - 155
1,2-Dichloropropane	20.0	21.0		ug/L		105	1 - 210
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	59 - 156
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	18 - 190
2-Chloroethyl vinyl ether	20.0	20.6	J	ug/L		103	1 - 305
Benzene	20.0	21.0		ug/L		105	37 - 151
Bromodichloromethane	20.0	20.9		ug/L		105	35 - 155
Bromoform	20.0	21.9		ug/L		109	45 - 169
Bromomethane	20.0	19.6		ug/L		98	1 - 242
Carbon tetrachloride	20.0	21.8		ug/L		109	70 - 140
Chlorobenzene	20.0	20.4		ug/L		102	37 - 160
Chloroethane	20.0	20.3		ug/L		102	14 - 230
Chloroform	20.0	21.7		ug/L		109	51 - 138
Chloromethane	20.0	19.5		ug/L		97	1 - 273
cis-1,3-Dichloropropene	20.0	20.9		ug/L		105	1 - 227
Dibromochloromethane	20.0	21.0		ug/L		105	53 - 149
Ethylbenzene	20.0	20.3		ug/L		102	37 - 162
Methylene Chloride	20.0	19.6		ug/L		98	1 - 221
Tetrachloroethene	20.0	21.0		ug/L		105	64 - 148
Toluene	20.0	22.1		ug/L		110	47 - 150
trans-1,3-Dichloropropene	20.0	20.3		ug/L		102	17 - 183
Trichloroethene	20.0	20.9		ug/L		104	71 - 157
Trichlorofluoromethane	20.0	20.4		ug/L		102	17 - 181
Vinyl chloride	20.0	20.5		ug/L		103	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*68 - 130*
4-Bromofluorobenzene (Surr)	*99*		*76 - 123*
Dibromofluoromethane (Surr)	*104*		*75 - 123*
Toluene-d8 (Surr)	*108*		*77 - 120*

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

Lab Sample ID: MB 480-569559/1-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		02/15/21 14:51	02/17/21 15:22	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		02/15/21 14:51	02/17/21 15:22	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		02/15/21 14:51	02/17/21 15:22	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		02/15/21 14:51	02/17/21 15:22	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 15:22	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		02/15/21 14:51	02/17/21 15:22	1

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

Lab Sample ID: MB 480-569559/1-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 15:22	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
2-Chloronaphthalene	ND		20	0.91	ug/L		02/15/21 14:51	02/17/21 15:22	1
2-Chlorophenol	ND		20	0.66	ug/L		02/15/21 14:51	02/17/21 15:22	1
2-Nitrophenol	ND		20	0.70	ug/L		02/15/21 14:51	02/17/21 15:22	1
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		02/15/21 14:51	02/17/21 15:22	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		02/15/21 14:51	02/17/21 15:22	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 15:22	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		02/15/21 14:51	02/17/21 15:22	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 15:22	1
4-Nitrophenol	ND		40	10	ug/L		02/15/21 14:51	02/17/21 15:22	1
Acenaphthene	ND		20	0.81	ug/L		02/15/21 14:51	02/17/21 15:22	1
Acenaphthylene	ND		20	0.87	ug/L		02/15/21 14:51	02/17/21 15:22	1
Aniline	ND		40	1.5	ug/L		02/15/21 14:51	02/17/21 15:22	1
Anthracene	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 15:22	1
Benzidine	ND		320	35	ug/L		02/15/21 14:51	02/17/21 15:22	1
Benzo[a]anthracene	ND		20	1.1	ug/L		02/15/21 14:51	02/17/21 15:22	1
Benzo[a]pyrene	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 15:22	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		02/15/21 14:51	02/17/21 15:22	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		02/15/21 14:51	02/17/21 15:22	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		02/15/21 14:51	02/17/21 15:22	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		02/15/21 14:51	02/17/21 15:22	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		02/15/21 14:51	02/17/21 15:22	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		02/15/21 14:51	02/17/21 15:22	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		02/15/21 14:51	02/17/21 15:22	1
Chrysene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		02/15/21 14:51	02/17/21 15:22	1
Diethyl phthalate	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
Dimethyl phthalate	ND		20	0.91	ug/L		02/15/21 14:51	02/17/21 15:22	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		02/15/21 14:51	02/17/21 15:22	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		02/15/21 14:51	02/17/21 15:22	1
Fluoranthene	ND		20	1.6	ug/L		02/15/21 14:51	02/17/21 15:22	1
Fluorene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
Hexachlorobenzene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
Hexachlorobutadiene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
Hexachloroethane	ND		20	0.60	ug/L		02/15/21 14:51	02/17/21 15:22	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		02/15/21 14:51	02/17/21 15:22	1
Isophorone	ND		20	0.74	ug/L		02/15/21 14:51	02/17/21 15:22	1
Naphthalene	ND		20	0.86	ug/L		02/15/21 14:51	02/17/21 15:22	1
Decane	ND		40	1.6	ug/L		02/15/21 14:51	02/17/21 15:22	1
Nitrobenzene	ND		20	0.81	ug/L		02/15/21 14:51	02/17/21 15:22	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		02/15/21 14:51	02/17/21 15:22	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		02/15/21 14:51	02/17/21 15:22	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		02/15/21 14:51	02/17/21 15:22	1
n-Octadecane	ND		40	1.2	ug/L		02/15/21 14:51	02/17/21 15:22	1
Pentachlorophenol	ND		40	5.4	ug/L		02/15/21 14:51	02/17/21 15:22	1
Phenanthrene	ND		20	1.2	ug/L		02/15/21 14:51	02/17/21 15:22	1

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

Lab Sample ID: MB 480-569559/1-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		02/15/21 14:51	02/17/21 15:22	1
Pyrene	ND		20	1.4	ug/L		02/15/21 14:51	02/17/21 15:22	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		02/15/21 14:51	02/17/21 15:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*52 - 151*	*02/15/21 14:51*	*02/17/21 15:22*	*1*
2-Fluorobiphenyl	*89*		*44 - 120*	*02/15/21 14:51*	*02/17/21 15:22*	*1*
2-Fluorophenol	*61*		*17 - 120*	*02/15/21 14:51*	*02/17/21 15:22*	*1*
Nitrobenzene-d5	*83*		*15 - 314*	*02/15/21 14:51*	*02/17/21 15:22*	*1*
Phenol-d5	*44*		*8 - 424*	*02/15/21 14:51*	*02/17/21 15:22*	*1*
p-Terphenyl-d14	*99*		*22 - 125*	*02/15/21 14:51*	*02/17/21 15:22*	*1*

Lab Sample ID: LCS 480-569559/2-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 569559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	26.4	J	ug/L		83	44 - 142
1,2-Dichlorobenzene	32.0	26.5	J	ug/L		83	32 - 129
1,3-Dichlorobenzene	32.0	25.1	J	ug/L		78	1 - 172
1,4-Dichlorobenzene	32.0	25.7	J	ug/L		80	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	28.1		ug/L		88	36 - 166
2,4,6-Trichlorophenol	32.0	31.7		ug/L		99	37 - 144
2,4-Dichlorophenol	32.0	30.1		ug/L		94	39 - 135
2,4-Dimethylphenol	32.0	29.5		ug/L		92	32 - 120
2,4-Dinitrophenol	64.0	70.4		ug/L		110	1 - 191
2,4-Dinitrotoluene	32.0	35.1		ug/L		110	39 - 139
2-Chloronaphthalene	32.0	29.3		ug/L		92	60 - 120
2-Chlorophenol	32.0	27.5		ug/L		86	23 - 134
2-Nitrophenol	32.0	31.4		ug/L		98	29 - 182
3,3'-Dichlorobenzidine	64.0	54.2		ug/L		85	1 - 262
4,6-Dinitro-2-methylphenol	64.0	70.1		ug/L		109	1 - 181
4-Bromophenyl phenyl ether	32.0	31.9		ug/L		100	53 - 127
4-Chloro-3-methylphenol	32.0	30.7		ug/L		96	22 - 147
4-Chlorophenyl phenyl ether	32.0	30.7		ug/L		96	25 - 158
4-Nitrophenol	64.0	51.8		ug/L		81	1 - 132
Acenaphthene	32.0	29.9		ug/L		94	47 - 145
Acenaphthylene	32.0	31.5		ug/L		99	33 - 145
Aniline	32.0	22.0	J	ug/L		69	40 - 120
Anthracene	32.0	32.3		ug/L		101	27 - 133
Benzo[a]anthracene	32.0	32.8		ug/L		103	33 - 143
Benzo[a]pyrene	32.0	32.5		ug/L		102	17 - 163
Benzo[b]fluoranthene	32.0	35.0		ug/L		109	24 - 159
Benzo[g,h,i]perylene	32.0	34.8		ug/L		109	1 - 219
Benzo[k]fluoranthene	32.0	32.6		ug/L		102	11 - 162
Bis(2-chloroethoxy)methane	32.0	30.1		ug/L		94	33 - 184
Bis(2-chloroethyl)ether	32.0	28.3		ug/L		88	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	32.3	J	ug/L		101	8 - 158

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

Lab Sample ID: LCS 480-569559/2-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 569559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	32.0	32.5		ug/L		101	1 - 152
Chrysene	32.0	32.5		ug/L		101	17 - 168
Dibenz(a,h)anthracene	32.0	34.8		ug/L		109	1 - 227
Diethyl phthalate	32.0	32.7		ug/L		102	1 - 120
Dimethyl phthalate	32.0	31.8		ug/L		99	1 - 120
Di-n-butyl phthalate	32.0	34.1		ug/L		107	1 - 120
Di-n-octyl phthalate	32.0	32.9		ug/L		103	4 - 146
Fluoranthene	32.0	33.5		ug/L		105	26 - 137
Fluorene	32.0	31.8		ug/L		99	59 - 121
Hexachlorobenzene	32.0	31.4		ug/L		98	1 - 152
Hexachlorocyclopentadiene	32.0	22.2		ug/L		69	5 - 120
Hexachloroethane	32.0	24.5		ug/L		76	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.7		ug/L		108	1 - 171
Isophorone	32.0	31.2		ug/L		97	21 - 196
Naphthalene	32.0	28.2		ug/L		88	21 - 133
Nitrobenzene	32.0	30.5		ug/L		95	35 - 180
N-Nitrosodi-n-propylamine	32.0	30.6		ug/L		96	1 - 230
N-Nitrosodiphenylamine	32.0	31.4		ug/L		98	54 - 125
Pentachlorophenol	64.0	62.0		ug/L		97	14 - 176
Phenanthrene	32.0	32.0		ug/L		100	54 - 120
Phenol	32.0	17.4	J	ug/L		54	5 - 120
Pyrene	32.0	31.8		ug/L		99	52 - 120
2,6-Dinitrotoluene	32.0	33.7		ug/L		105	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*98*		*52 - 151*
2-Fluorobiphenyl	*94*		*44 - 120*
2-Fluorophenol	*68*		*17 - 120*
Nitrobenzene-d5	*95*		*15 - 314*
Phenol-d5	*53*		*8 - 424*
p-Terphenyl-d14	*100*		*22 - 125*

Lab Sample ID: LCSD 480-569559/3-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 569559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	27.8	J	ug/L		87	44 - 142	5	34
1,2-Dichlorobenzene	32.0	27.4	J	ug/L		86	32 - 129	3	38
1,3-Dichlorobenzene	32.0	26.6	J	ug/L		83	1 - 172	6	37
1,4-Dichlorobenzene	32.0	26.5	J	ug/L		83	20 - 124	3	40
2,2'-oxybis[1-chloropropane]	32.0	28.9		ug/L		90	36 - 166	3	36
2,4,6-Trichlorophenol	32.0	32.7		ug/L		102	37 - 144	3	20
2,4-Dichlorophenol	32.0	31.2		ug/L		97	39 - 135	3	23
2,4-Dimethylphenol	32.0	30.2		ug/L		94	32 - 120	2	18
2,4-Dinitrophenol	64.0	72.5		ug/L		113	1 - 191	3	29
2,4-Dinitrotoluene	32.0	36.4		ug/L		114	39 - 139	4	20
2-Chloronaphthalene	32.0	30.2		ug/L		94	60 - 120	3	30

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

Lab Sample ID: LCSD 480-569559/3-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 569559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorophenol	32.0	28.4		ug/L		89	23 - 134	3	26
2-Nitrophenol	32.0	33.5		ug/L		105	29 - 182	6	28
3,3'-Dichlorobenzidine	64.0	56.4		ug/L		88	1 - 262	4	31
4,6-Dinitro-2-methylphenol	64.0	74.5		ug/L		116	1 - 181	6	30
4-Bromophenyl phenyl ether	32.0	34.1		ug/L		107	53 - 127	7	16
4-Chloro-3-methylphenol	32.0	31.7		ug/L		99	22 - 147	3	16
4-Chlorophenyl phenyl ether	32.0	31.8		ug/L		99	25 - 158	4	15
4-Nitrophenol	64.0	51.2		ug/L		80	1 - 132	1	24
Acenaphthene	32.0	30.8		ug/L		96	47 - 145	3	25
Acenaphthylene	32.0	32.6		ug/L		102	33 - 145	3	22
Aniline	32.0	21.9	J	ug/L		69	40 - 120	1	30
Anthracene	32.0	33.7		ug/L		105	27 - 133	4	15
Benzo[a]anthracene	32.0	34.0		ug/L		106	33 - 143	4	15
Benzo[a]pyrene	32.0	34.6		ug/L		108	17 - 163	6	15
Benzo[b]fluoranthene	32.0	36.4		ug/L		114	24 - 159	4	17
Benzo[g,h,i]perylene	32.0	36.9		ug/L		115	1 - 219	6	19
Benzo[k]fluoranthene	32.0	35.5		ug/L		111	11 - 162	9	19
Bis(2-chloroethoxy)methane	32.0	31.1		ug/L		97	33 - 184	3	23
Bis(2-chloroethyl)ether	32.0	28.8		ug/L		90	12 - 158	2	33
Bis(2-ethylhexyl) phthalate	32.0	34.0	J	ug/L		106	8 - 158	5	15
Butyl benzyl phthalate	32.0	34.0		ug/L		106	1 - 152	5	15
Chrysene	32.0	34.3		ug/L		107	17 - 168	6	15
Dibenz(a,h)anthracene	32.0	36.3		ug/L		113	1 - 227	4	18
Diethyl phthalate	32.0	33.3		ug/L		104	1 - 120	2	15
Dimethyl phthalate	32.0	33.1		ug/L		104	1 - 120	4	15
Di-n-butyl phthalate	32.0	36.1		ug/L		113	1 - 120	6	15
Di-n-octyl phthalate	32.0	34.7		ug/L		108	4 - 146	5	15
Fluoranthene	32.0	35.8		ug/L		112	26 - 137	7	15
Fluorene	32.0	32.4		ug/L		101	59 - 121	2	18
Hexachlorobenzene	32.0	33.7		ug/L		105	1 - 152	7	15
Hexachlorocyclopentadiene	32.0	23.1		ug/L		72	5 - 120	4	50
Hexachloroethane	32.0	25.8		ug/L		81	40 - 120	5	43
Indeno[1,2,3-cd]pyrene	32.0	37.2		ug/L		116	1 - 171	7	17
Isophorone	32.0	32.6		ug/L		102	21 - 196	5	21
Naphthalene	32.0	28.9		ug/L		90	21 - 133	3	31
Nitrobenzene	32.0	31.6		ug/L		99	35 - 180	3	27
N-Nitrosodi-n-propylamine	32.0	31.4		ug/L		98	1 - 230	3	23
N-Nitrosodiphenylamine	32.0	33.5		ug/L		105	54 - 125	6	15
Pentachlorophenol	64.0	65.8		ug/L		103	14 - 176	6	21
Phenanthrene	32.0	33.7		ug/L		105	54 - 120	5	16
Phenol	32.0	18.1	J	ug/L		57	5 - 120	4	36
Pyrene	32.0	33.3		ug/L		104	52 - 120	5	15
2,6-Dinitrotoluene	32.0	35.1		ug/L		110	50 - 158	4	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*52 - 151*
2-Fluorobiphenyl	*97*		*44 - 120*
2-Fluorophenol	*71*		*17 - 120*

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

Lab Sample ID: LCSD 480-569559/3-A
Matrix: Water
Analysis Batch: 569831

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 569559

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	99		15 - 314
Phenol-d5	55		8 - 424
p-Terphenyl-d14	103		22 - 125

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

Lab Sample ID: MB 480-569626/1-A
Matrix: Water
Analysis Batch: 569693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		02/16/21 09:01	02/16/21 22:20	1
PCB-1221	ND		0.060	0.038	ug/L		02/16/21 09:01	02/16/21 22:20	1
PCB-1232	ND		0.060	0.038	ug/L		02/16/21 09:01	02/16/21 22:20	1
PCB-1242	ND		0.060	0.038	ug/L		02/16/21 09:01	02/16/21 22:20	1
PCB-1248	ND		0.060	0.038	ug/L		02/16/21 09:01	02/16/21 22:20	1
PCB-1254	ND		0.060	0.031	ug/L		02/16/21 09:01	02/16/21 22:20	1
PCB-1260	ND		0.060	0.031	ug/L		02/16/21 09:01	02/16/21 22:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63	p	36 - 121	02/16/21 09:01	02/16/21 22:20	1
Tetrachloro-m-xylene	88		42 - 135	02/16/21 09:01	02/16/21 22:20	1

Lab Sample ID: LCS 480-569626/2-A
Matrix: Water
Analysis Batch: 569693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 569626

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	1.06		ug/L		106	69 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	61	p	36 - 121
Tetrachloro-m-xylene	87		42 - 135

Lab Sample ID: LCSD 480-569626/3-A
Matrix: Water
Analysis Batch: 569693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 569626

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1.00	1.14		ug/L		114	69 - 123	3	30
PCB-1260			1.00	1.00		ug/L		100	69 - 120	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	58	p	36 - 121
Tetrachloro-m-xylene	88		42 - 135

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-569084/1-A
Matrix: Water
Analysis Batch: 569289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		02/11/21 09:50	02/12/21 00:49	1
Copper	ND		0.010	0.0016	mg/L		02/11/21 09:50	02/12/21 00:49	1
Lead	ND		0.010	0.0030	mg/L		02/11/21 09:50	02/12/21 00:49	1
Nickel	ND		0.010	0.0013	mg/L		02/11/21 09:50	02/12/21 00:49	1
Zinc	ND		0.010	0.0015	mg/L		02/11/21 09:50	02/12/21 00:49	1

Lab Sample ID: LCS 480-569084/2-A
Matrix: Water
Analysis Batch: 569289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 569084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.199		mg/L		100	85 - 115
Copper	0.200	0.208		mg/L		104	85 - 115
Lead	0.200	0.202		mg/L		101	85 - 115
Nickel	0.200	0.196		mg/L		98	85 - 115
Zinc	0.200	0.205		mg/L		103	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-568977/1-A
Matrix: Water
Analysis Batch: 569040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		02/10/21 13:49	02/10/21 18:09	1

Lab Sample ID: LCS 480-568977/2-A
Matrix: Water
Analysis Batch: 569040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568977

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00650		mg/L		97	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-569217/16
Matrix: Water
Analysis Batch: 569217

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			02/11/21 12:52	1

Lab Sample ID: MB 480-569217/46
Matrix: Water
Analysis Batch: 569217

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			02/11/21 14:44	1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCS 480-569217/17
Matrix: Water
Analysis Batch: 569217

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	0.0988		mg/L		99	90 - 110

Lab Sample ID: LCS 480-569217/47
Matrix: Water
Analysis Batch: 569217

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	0.0985		mg/L		99	90 - 110

Lab Sample ID: 480-181028-1 MS
Matrix: Water
Analysis Batch: 569217

Client Sample ID: BCC-BSA SUMP_0221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.053	F1	0.100	0.113	F1	mg/L		60	90 - 110

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

Lab Sample ID: MB 480-569403/1
Matrix: Water
Analysis Batch: 569403

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			02/13/21 16:04	1

Lab Sample ID: LCS 480-569403/2
Matrix: Water
Analysis Batch: 569403

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	2590	2593		mg/L		100	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-569677/1
Matrix: Water
Analysis Batch: 569677

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 480-569878/3
Matrix: Water
Analysis Batch: 569878

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			02/17/21 14:00	1

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

Job ID: 480-181028-1

Method: SM 4500 P E - Phosphorus (Continued)

Lab Sample ID: LCS 480-569878/4
Matrix: Water
Analysis Batch: 569878

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phosphorus			0.200	0.185		mg/L as P		92	90 - 110		

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-569245/1
Matrix: Water
Analysis Batch: 569245

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			02/11/21 10:18	1

Lab Sample ID: LCS 480-569245/2
Matrix: Water
Analysis Batch: 569245

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	128.6	*-	mg/L		65	85 - 115		

QC Association Summary

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

Job ID: 480-181028-1

GC/MS VOA

Analysis Batch: 568898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	624.1	
480-181028-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-568898/9	Method Blank	Total/NA	Water	624.1	
LCS 480-568898/7	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 569559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	625	
MB 480-569559/1-A	Method Blank	Total/NA	Water	625	
LCS 480-569559/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-569559/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 569831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	625.1	569559
MB 480-569559/1-A	Method Blank	Total/NA	Water	625.1	569559
LCS 480-569559/2-A	Lab Control Sample	Total/NA	Water	625.1	569559
LCSD 480-569559/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	569559

GC Semi VOA

Prep Batch: 569626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	3510C	
MB 480-569626/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-569626/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-569626/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 569693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	608.3	569626
MB 480-569626/1-A	Method Blank	Total/NA	Water	608.3	569626
LCS 480-569626/2-A	Lab Control Sample	Total/NA	Water	608.3	569626
LCSD 480-569626/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	569626

Metals

Prep Batch: 568977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	245.1	
MB 480-568977/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-568977/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 569040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	245.1	568977
MB 480-568977/1-A	Method Blank	Total/NA	Water	245.1	568977
LCS 480-568977/2-A	Lab Control Sample	Total/NA	Water	245.1	568977

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

Job ID: 480-181028-1

Metals

Prep Batch: 569084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	200.7	
MB 480-569084/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-569084/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 569289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	200.7 Rev 4.4	569084
MB 480-569084/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	569084
LCS 480-569084/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	569084

General Chemistry

Analysis Batch: 569217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	420.4	
MB 480-569217/16	Method Blank	Total/NA	Water	420.4	
MB 480-569217/46	Method Blank	Total/NA	Water	420.4	
LCS 480-569217/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 480-569217/47	Lab Control Sample	Total/NA	Water	420.4	
480-181028-1 MS	BCC-BSA SUMP_0221	Total/NA	Water	420.4	

Analysis Batch: 569245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	SM 5210B	
USB 480-569245/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-569245/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 569403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	SM 2540D	
MB 480-569403/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-569403/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 569538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 569677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	SM 4500 H+ B	
LCS 480-569677/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 569878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181028-1	BCC-BSA SUMP_0221	Total/NA	Water	SM 4500 P E	
MB 480-569878/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-569878/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-181028-1
Project/Site: Buffalo Color GWTF Sump

Client Sample ID: BCC-BSA SUMP_0221
Lab Sample ID: 480-181028-1

Date Collected: 02/09/21 13:30
Matrix: Water
Date Received: 02/09/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	568898	02/10/21 17:05	RJF	TAL BUF
Total/NA	Prep	625			569559	02/15/21 14:51	ATG	TAL BUF
Total/NA	Analysis	625.1		1	569831	02/17/21 16:47	PJQ	TAL BUF
Total/NA	Prep	3510C			569626	02/16/21 09:01	JMP	TAL BUF
Total/NA	Analysis	608.3		1	569693	02/17/21 02:02	W1T	TAL BUF
Total/NA	Prep	200.7			569084	02/11/21 09:50	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	569289	02/12/21 02:01	AMH	TAL BUF
Total/NA	Prep	245.1			568977	02/10/21 13:49	BMB	TAL BUF
Total/NA	Analysis	245.1		1	569040	02/10/21 18:35	BMB	TAL BUF
Total/NA	Analysis	420.4		1	569217	02/11/21 15:38	DLG	TAL BUF
Total/NA	Analysis	SM 2540D		1	569403	02/13/21 16:04	CSS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	569538	02/12/21 14:23	DLG	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	569677	02/16/21 10:37	KEB	TAL BUF
Total/NA	Analysis	SM 4500 P E		1	569878	02/17/21 14:00	SRA	TAL BUF
Total/NA	Analysis	SM 5210B		1	569245	02/11/21 10:18	SRW	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-181028-2

Date Collected: 02/09/21 00:00
Matrix: Water
Date Received: 02/09/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	568898	02/10/21 17:28	RJF	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-181028-1
Project/Site: Buffalo Color GWTF Sump

Laboratory: Eurofins TestAmerica, 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	03-31-21

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: Buffalo Color GWTF Sump

Job ID: 480-181028-1

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

Protocol References:

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

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

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

Job ID: 480-181028-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-181028-1	BCC-BSA SUMP_0221	Water	02/09/21 13:30	02/09/21 15:45	
480-181028-2	TRIP BLANK	Water	02/09/21 00:00	02/09/21 15:45	

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-181028-1
Project/Site: Buffalo Color GWTF 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

Buffalo
10 Hazelwood Dive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 2-9-2021	COC No: 480-143446-6059.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Steet	Analysis Turnaround Time			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			
(716) 842-1785 FAX	[X] 2 weeks			SDG No.
Project Name: Buffalo Color GWTF Sump	[ ] 1 week			
Site: HoneywellBuffalo Color - NYC915230	[ ] 2 days			
P O # 64026	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7, 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - (MOD) Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - (MOD) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method 335.4	SM4500_H+ - pH	Sample Specific Notes:
BCC_BSA_Sump_0221	2/9/21	1330	C	W	19	N	1	1	1	8	2	2	1	1	1	1	
Trip Blank	N/A	N/A	N/A	W	2	N				2							
Container Volume (mL)							250	250	250	40	1000	1000	1000	500	250	125	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							3	4	3	2	1	1	1	1	5	1	

480-181028 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

Temp 7.8 # ICE

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	2-9-21 1545			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company: TA	Date/Time: 2/9/21 1545

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-181028-1

Login Number: 181028

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

Field Data Collection Sheets

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
1/1/2021													
1/2/2021													
1/3/2021					1	1		1	1	1			
1/4/2021								1					
1/5/2021								1					
1/6/2021					1			1	1	1	1		
1/7/2021						1		1					
1/8/2021					1	1		1	1	1			
1/9/2021													
1/10/2021													
1/11/2021		X			1			1	1	1			Evoqua-carbon change
1/12/2021								1					
1/13/2021						1		1					
1/14/2021					1		1	1					
1/15/2021					1	1		1	1	1			
1/16/2021													
1/17/2021													
1/18/2021					1			1	1	1			
1/19/2021								1					
1/20/2021						1		1					
1/21/2021							1	1					
1/22/2021					1	1		1	1	1			
1/23/2021													
1/24/2021													
1/25/2021					1			1	1	1			
1/26/2021						1		1					
1/27/2021								1					
1/28/2021					1			1		1	1		
1/29/2021					1	1		1	1	1			
1/30/2021													
1/31/2021													
2/1/2021					1			1	1	1			
2/2/2021								1					
2/3/2021						1		1	1	1			#5 Bleach flush
2/4/2021					1		1	1					
2/5/2021					1	1		1	1	1			
2/6/2021													
2/7/2021													
2/8/2021					1			1					
2/9/2021								1		1			
2/10/2021						1		1					
2/11/2021							1	1					
2/12/2021					1	1		1	1				
2/13/2021													
2/14/2021													
2/15/2021					1			1		1			
2/16/2021								1					
2/17/2021						1		1					#5 Acid flush
2/18/2021							1	1					
2/19/2021					1	1		1	1				
2/20/2021													
2/21/2021													
2/22/2021					1			1		1			
2/23/2021								1					
2/24/2021						1		1					
2/25/2021					1			1	1				

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
2/26/2021					1	1		1		1			
2/27/2021													
2/28/2021													
3/1/2021					1			1	1	1			
3/2/2021						1		1					
3/3/2021					1			1	9	4			Empty, acid clean Tank #10
3/4/2021						1	1	1	5	2			
3/5/2021					1	1		1	1	1			
3/6/2021													
3/7/2021													
3/8/2021					1			1	1				
3/9/2021								1					
3/10/2021						1		1					
3/11/2021								1					
3/12/2021					1	1		1	1	1			
3/13/2021													
3/14/2021													
3/15/2021					1			1		1			
3/16/2021						1		1					
3/17/2021					1			1					
3/18/2021						1	1	1	1				
3/19/2021					1	1		1		1			
3/20/2021													
3/21/2021													
3/22/2021					1			1	1	1	1		
3/23/2021						1		1					
3/24/2021								1					
3/25/2021					1			1					
3/26/2021					1	1		1	1	1			
3/27/2021													
3/28/2021													
3/29/2021					1			1		1			
3/30/2021						1		1					
3/31/2021					1			1	1				Acid flush #5

Buffalo Color GWTF Weekly Process Assessment

		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					
Date	Associate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks	Column1
1/8/2021	TW	45	42	33	23	37	30	19.4	32	24	26	22	7.56	17	19.4	31,715,528	18	25	576,786	22	3	10	1	3	y	
1/15/2020	TW	45	43	33	21	37	32	20.6	32	27	30	26	7.56	20	20.6	31,776,920	20	22.4	586,417	21	3	9	2	2	y	
1/22/2021	TW	46	43	33	19	38	28	19.4	30	24	27	23	7.74	17	19.5	31,852,716	18	20.9	595,700	19	3	9	2	2	y	
1/29/2021	TW	46	45	33	20	42	33	19.7	32	26	28	24	7.63	19	19.7	31,926,952	20	22.7	604,137	20	3	10	2	2	y	
2/8/2021	TW	46	44	33	19	40	30	19.6	33	27	29	26	7.67	20	19.6	32,001,924	20	21.2	611,650	19	3	10	2	1	y	
2/12/2021	TW	46	42	33	17	37	31	19.2	32	27	29	26	7,70	20	19.3	32,076,188	20	18.8	618,961	17	3	10	2	1	y	
2/22/2021	TW	46	44	33	16	40	24	17.4	27	22	24	22	7.73	16	17.4	32,181,170	17	18.3	628,458	17	2	8	1	1	y	
2/26/2021	TW	46	43	33	22	38	30	18.3	30	26	28	24	7.68	19	18.3	32,225,170	20	223	632,312	22	3	10	2	1	y	
3/5/2021	TW	46	43	33	25	39	26	17.7	28	23	25	22	7.66	17	17.7	32,298,268	18	24.1	638,420	26						
3/12/2021	TW	45	45	33	21	40	32	19.4	33	27	28	25	7.68	20	19.4	32,371,948	20	21.1	644,938	21						
3/19/2021	TW	46	46	33	16	43	39	18.9	32	25	27	24	7.75	18	19	32,446,126	20	17.1	651,058	21						
3/26/2020	TW	46	44	33	23	40	28	18.7	30	24	26	24	7.86	18	18.6	32,517,770	19	24	657,288	24	3	10	1	3	y	

July 28, 2021

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

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

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of April 1 through June 30, 2021. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc: Richard Galloway — Honeywell
Eugene Melnyk — NYSDEC Region 9
John Yensan — South Buffalo Development, LLC

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

B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: April 1, 2021 through June 30, 2021

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

Total Flow Data by Month:

January 2021	395,960 gallons
February 2021	490,626 gallons
March 2021	290,094 gallons

Total Quarterly Discharge 1,177,584 gallons

Estimated Area D contribution this period:
6,648 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: 2021	Event Group: SUMP
Sample Date:	6/15/2021		Month: JUN	Lab Job ID: J186052-1
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	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.015	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.015	Yes
Total Chromium	7440-47-3	0.0077	0.0040	mg/L	0.0008	lbs/day	0.83	lbs/day	Yes	40	0.01	Yes
Total Copper	7440-50-8	0.0068	0.010	mg/L	0.001	lbs/day	0.67	lbs/day	Yes	16	0.0068	Yes
Lead	7439-92-1	0.007	0.0050	mg/L	0.0008	lbs/day	0.541	lbs/day	Yes	65	0.0070	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.004	0.010	mg/L	0.0004	lbs/day	1.17	lbs/day	Yes	14	0.0040	Yes
Zinc	7440-66-6	0.0082	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.008	Yes
Amendable Cyanide	CAN	0.029	0.010	mg/L	0.003	lbs/day	2.59	lbs/day	Yes	6.2	0.029	Yes
Total PCB	Sum Method_E608	ND	0.060	ug/L	ND	lbs/day	0.0001	lbs/day	Yes	0.002	ND	Yes
Aniline or Aniline Derivative*	62-53-3	7.1	40	ug/L	0.775	lbs/day	50	lbs/day	Yes	0.01	0.0071	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	320	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	0.84	25	ug/L	0.001	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	7.6	4.0	mg/L	7.6	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.49	0.010	mg/L	0.490	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	9.086296296	-	gpm	13,084	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	69,402,852	4/1/2021
Final Reading	70,580,436	6/30/2021
Total Days in Period	90	
Total Flow for Period	**1,177,584**	gallons
Average Flow for Period	**9.09**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

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

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

April 30, 2020

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

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

Dear Mr. Gabner:

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

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

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

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM

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

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

Areas A and D of the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, New York 14210

to the Buffalo Municipal Sewer System.

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

Effective this June 1, 2020

To Expire May 31, 2023

General Manager

Signed this 30th **day of** April **, 20** 20

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

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

Sample		Discharge Limitations		Sampling Requirements	
Point	**Parameter**	**Daily Max**	**MAID*** (mg/L)	**Type**	**Frequency**
001	pH[1]	5.0 - 12.0 SU		Probe	**Quarterly**
	Total Flow	50,000 gals		Flow Meter[2]	**Continuous**
	BOD_5	250 mg/L [3]		Composite [4]	**Quarterly**
	Total Suspended Solids	250 mg/L [3]		Composite	**Quarterly**
	Total Phosphate	15.35 mg/L[3]		Composite	**Quarterly**
	Total Phenol[5]	1.67 lbs	20.0	Composite	**Quarterly**
	Amenable Cyanide	2.59 lbs	6.2	Grab [7]	**Quarterly**
	Total Mercury	0.00033 lbs	0.0008	Composite	**Quarterly**
	Total Nickel	1.17 lbs	14.0	Composite	**Quarterly**
	Total Copper	0.67 lbs	16.0	Composite	**Quarterly**
	Total Chromium	0.83 lbs	40.0	Composite	**Quarterly**
	Lead	0.541 lbs	65.0	Composite	**Quarterly**
	Zinc	2.046 lbs	25.0	Composite	**Quarterly**
	Purgeables-EPA Test Methods 624	[6]		Grab[7]	**Quarterly**
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	[8]		Grab	**Quarterly**
	EPA Test Method 608	[9]		Grab	**Quarterly**
	Aniline	50.0 lbs	0.00	Grab	**Quarterly**
	Benzene	0.059 lbs	0.142 mg/L	Grab	**Quarterly**
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	**Quarterly**
	1, 2-Dichlorbenzene	0.197 lbs.	0.472 mg/L	Grab	**Quarterly**
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	**Quarterly**
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

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

* Each reporting dated is for samples collected during the previous quarter.
** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

(1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.

(2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more that 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.

(3) Surchargeable limit only.

(4) Composite samples may be flow proportioned.

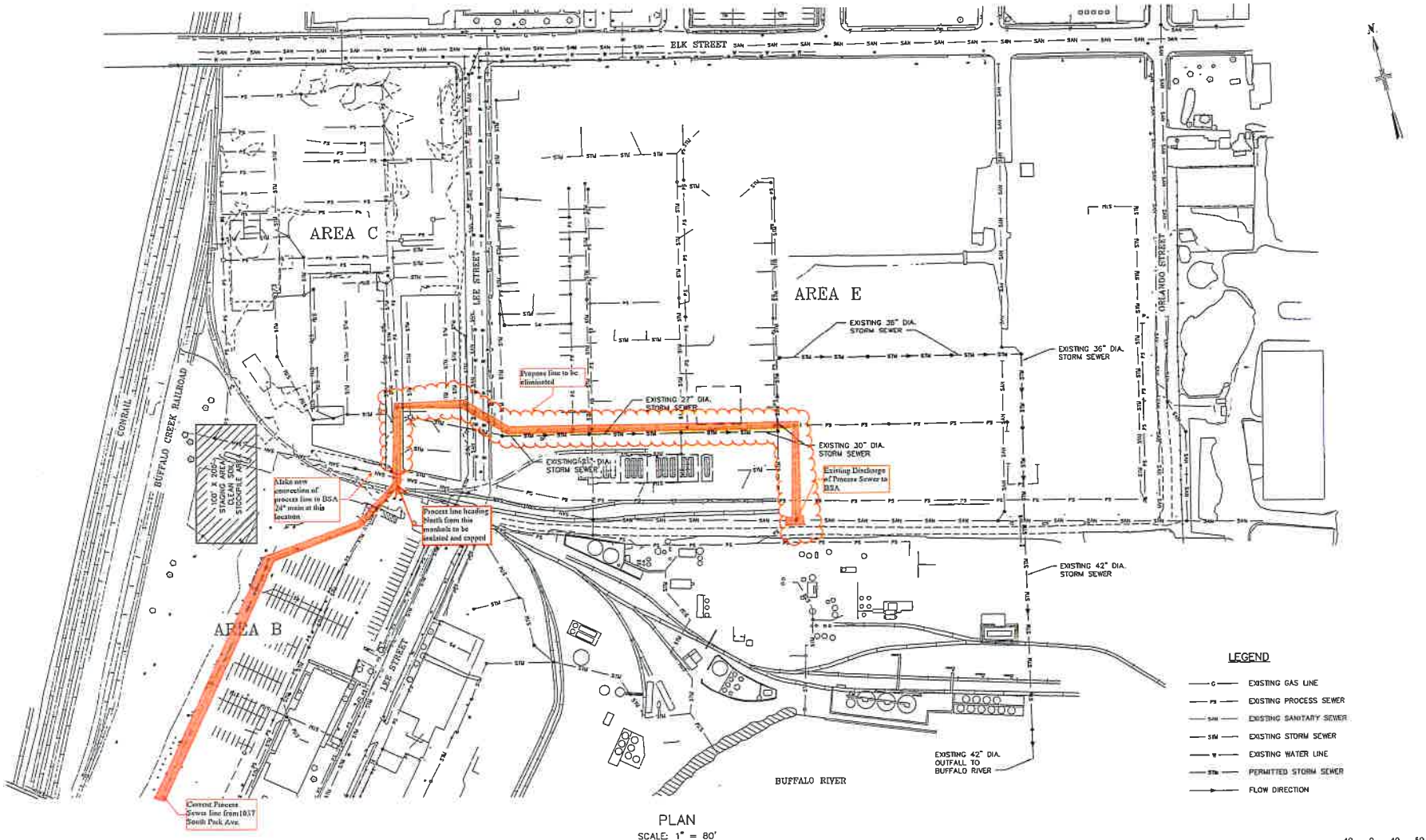
(5) EPA Test Method 604.

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

(7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.

(8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater that 0.01 mg/L.

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



PLAN
SCALE: 1" = 80'

SCALE: 1" = 80'

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES CMC
DWN MAW
CKD TAW

ONTARIO SPECIALTY CONTRACTORS
HONEYWELL/ FORMER BUFFALO COLOR FACILITY
BUFFALO, NEW YORK

AREA C DRAINAGE DESIGN

EXISTING SITE PLAN

SCALE: 1" = 80'

DATE FEBRUARY 2011
G SHEET 1 OF 3
CAD REF. NO. 6927G001

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

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

4. Notification of Slug, Accidental Discharge or Spill

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

5. Noncompliance Notification

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

a. a description of the discharge and cause of noncompliance and;

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:

(i) A description of the upset, its cause(s) and impact on the discharger's compliance status;

(ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;

(iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any

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

10. Treatment Bypasses

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

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

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

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

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

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

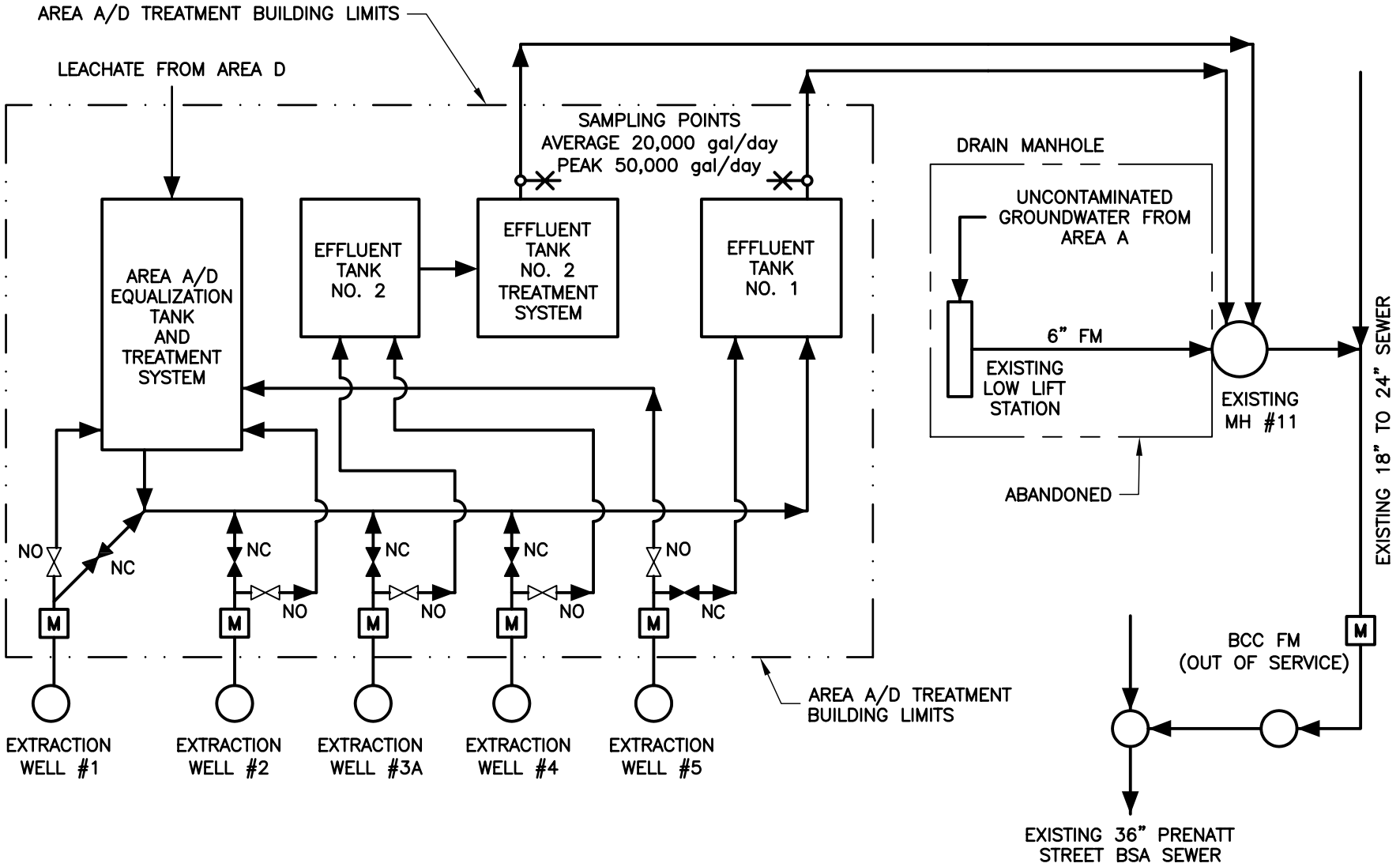
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY

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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-186052-1
Client Project/Site: OSC- Former Buffalo Color Sites - 37745

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

Attn: Kirsten Colligan

Authorized for release by:
6/30/2021 9:47:36 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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

Job ID: 480-186052-1

Job ID: 480-186052-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-186052-1

Comments
No additional comments.

Receipt
The samples were received on 6/15/2021 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method 624.1: The continuing calibration verification (CCV) associated with batch 460-786790 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.

Method 624.1: The laboratory control sample (LCS) for analytical batch 460-786790 recovered outside control limits for the following analyte: Acrolein. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 624.1: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: BCC BSA SUMP_0621 (480-186052-1) and TRIP BLANK (480-186052-2).

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: The laboratory control sample (LCS) for prep batch 480-586358 recovered outside control limits for the following analytes: Di-n-butyl phthalate. The LCS also recovered outside control limits for Benzidine. The associated sample(s) was re-prepared and/or re-analyzed outside holding time in prep batch 480-586947 and Di-n-butyl phthalate and Benzidine still recover outside control limits in the LCS. Aniline is also outside control limits in the LCS. Insufficient volume remains for additional re-preparation or re-extraction. Both sets of data have been reported.

Method 625.1: The laboratory control sample (LCS) for prep batch 480-586358 recovered outside control limits for the following analytes: Di-n-butyl phthalate. The LCS also recovered outside control limits for Benzidine. The associated sample(s) was re-prepared and/or re-analyzed outside holding time in prep batch 480-586947 and Di-n-butyl phthalate and Benzidine still recover outside control limits in the LCS. Aniline is also outside control limits in the LCS. Insufficient volume remains for additional re-preparation or re-extraction. Both sets of data have been reported.

Method 625.1: The laboratory control sample (LCS) for prep batch 480-586358 recovered outside control limits for the following analytes: Di-n-butyl phthalate. The LCS also recovered outside control limits for Benzidine. The associated sample(s) was re-prepared and/or re-analyzed outside holding time in prep batch 480-586947 and Di-n-butyl phthalate and Benzidine still recover outside control limits in the LCS. Aniline is also outside control limits in the LCS. Insufficient volume remains for additional re-preparation or re-extraction. Both sets of data have been reported.

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

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

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

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

Job ID: 480-186052-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

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

Organic Prep
Method 625: The following sample was re-prepared outside of preparation holding time due to Di-n-butyl phthalate high in MB/LCS: BCC BSA SUMP_0621 (480-186052-1). Both sets of data are reported.

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

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	0.39	J	5.0	0.13	ug/L	1		624.1	Total/NA
1,4-Dichlorobenzene	0.45	J	5.0	0.18	ug/L	1		624.1	Total/NA
Aniline	7.1	J	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	20	B *+	20	1.6	ug/L	1		625.1	Total/NA
Aniline - RE	3.5	J H *-	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate - RE	12	J H B *+	20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0077		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0068	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0070	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0040	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0082	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.015		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	7.6		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.029		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	20.2	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.49	B	0.050	0.025	mg/L as P	5		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-186052-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1
Date Collected: 06/15/21 14:10
Matrix: Water
Date Received: 06/15/21 15:40

Method: 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	0.24	ug/L			06/26/21 17:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.37	ug/L			06/26/21 17:23	1
1,1,2-Trichloroethane	ND		5.0	0.15	ug/L			06/26/21 17:23	1
1,1-Dichloroethane	ND		5.0	0.26	ug/L			06/26/21 17:23	1
1,1-Dichloroethene	ND		5.0	0.12	ug/L			06/26/21 17:23	1
1,2-Dichlorobenzene	ND		5.0	0.19	ug/L			06/26/21 17:23	1
1,2-Dichloroethane	ND		5.0	0.84	ug/L			06/26/21 17:23	1
1,2-Dichloroethene, Total	ND		10	0.44	ug/L			06/26/21 17:23	1
1,2-Dichloropropane	ND		5.0	0.35	ug/L			06/26/21 17:23	1
1,3-Dichlorobenzene	**0.39**	**J**	5.0	0.13	ug/L			06/26/21 17:23	1
1,4-Dichlorobenzene	**0.45**	**J**	5.0	0.18	ug/L			06/26/21 17:23	1
2-Chloroethyl vinyl ether	ND		25	0.91	ug/L			06/26/21 17:23	1
Acrolein	ND	*+	100	1.1	ug/L			06/26/21 17:23	1
Acrylonitrile	ND		100	0.77	ug/L			06/26/21 17:23	1
Benzene	ND		5.0	0.43	ug/L			06/26/21 17:23	1
Bromodichloromethane	ND		5.0	0.34	ug/L			06/26/21 17:23	1
Bromoform	ND		5.0	0.54	ug/L			06/26/21 17:23	1
Bromomethane	ND		5.0	0.45	ug/L			06/26/21 17:23	1
Carbon tetrachloride	ND		5.0	0.21	ug/L			06/26/21 17:23	1
Chlorobenzene	ND		5.0	0.38	ug/L			06/26/21 17:23	1
Chloroethane	ND		5.0	0.32	ug/L			06/26/21 17:23	1
Chloroform	ND		5.0	0.33	ug/L			06/26/21 17:23	1
Chloromethane	ND		5.0	0.43	ug/L			06/26/21 17:23	1
cis-1,3-Dichloropropene	ND		5.0	0.46	ug/L			06/26/21 17:23	1
Dibromochloromethane	ND		5.0	0.13	ug/L			06/26/21 17:23	1
Ethylbenzene	ND		5.0	0.30	ug/L			06/26/21 17:23	1
Methylene Chloride	ND		5.0	0.32	ug/L			06/26/21 17:23	1
Tetrachloroethene	ND		5.0	0.25	ug/L			06/26/21 17:23	1
Toluene	ND		5.0	0.38	ug/L			06/26/21 17:23	1
trans-1,3-Dichloropropene	ND		5.0	0.22	ug/L			06/26/21 17:23	1
Trichloroethene	ND		5.0	0.31	ug/L			06/26/21 17:23	1
Trichlorofluoromethane	ND		5.0	0.14	ug/L			06/26/21 17:23	1
Vinyl chloride	ND		5.0	0.34	ug/L			06/26/21 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*		*06/26/21 17:23*	*1*
4-Bromofluorobenzene	*97*		*60 - 140*		*06/26/21 17:23*	*1*
Dibromofluoromethane (Surr)	*115*		*60 - 140*		*06/26/21 17:23*	*1*
Toluene-d8 (Surr)	*87*		*60 - 140*		*06/26/21 17:23*	*1*

Method: 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		06/22/21 08:29	06/23/21 16:22	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		06/22/21 08:29	06/23/21 16:22	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		06/22/21 08:29	06/23/21 16:22	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		06/22/21 08:29	06/23/21 16:22	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 16:22	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		06/22/21 08:29	06/23/21 16:22	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1
Date Collected: 06/15/21 14:10
Matrix: Water
Date Received: 06/15/21 15:40

Method: 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		06/22/21 08:29	06/23/21 16:22	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
2-Chloronaphthalene	ND		20	0.91	ug/L		06/22/21 08:29	06/23/21 16:22	1
2-Chlorophenol	ND		20	0.66	ug/L		06/22/21 08:29	06/23/21 16:22	1
2-Nitrophenol	ND		20	0.70	ug/L		06/22/21 08:29	06/23/21 16:22	1
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		06/22/21 08:29	06/23/21 16:22	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		06/22/21 08:29	06/23/21 16:22	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 16:22	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		06/22/21 08:29	06/23/21 16:22	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 16:22	1
4-Nitrophenol	ND		40	10	ug/L		06/22/21 08:29	06/23/21 16:22	1
Acenaphthene	ND		20	0.81	ug/L		06/22/21 08:29	06/23/21 16:22	1
Acenaphthylene	ND		20	0.87	ug/L		06/22/21 08:29	06/23/21 16:22	1
Aniline	**7.1**	**J**	40	1.5	ug/L		06/22/21 08:29	06/23/21 16:22	1
Anthracene	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 16:22	1
Benzidine	ND	*-	320	35	ug/L		06/22/21 08:29	06/23/21 16:22	1
Benzo[a]anthracene	ND		20	1.1	ug/L		06/22/21 08:29	06/23/21 16:22	1
Benzo[a]pyrene	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 16:22	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		06/22/21 08:29	06/23/21 16:22	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		06/22/21 08:29	06/23/21 16:22	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 16:22	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		06/22/21 08:29	06/23/21 16:22	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		06/22/21 08:29	06/23/21 16:22	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		06/22/21 08:29	06/23/21 16:22	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		06/22/21 08:29	06/23/21 16:22	1
Chrysene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		06/22/21 08:29	06/23/21 16:22	1
Diethyl phthalate	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
Dimethyl phthalate	ND		20	0.91	ug/L		06/22/21 08:29	06/23/21 16:22	1
Di-n-butyl phthalate	**20**	**B *+**	20	1.6	ug/L		06/22/21 08:29	06/23/21 16:22	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		06/22/21 08:29	06/23/21 16:22	1
Fluoranthene	ND		20	1.6	ug/L		06/22/21 08:29	06/23/21 16:22	1
Fluorene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
Hexachlorobenzene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
Hexachlorobutadiene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
Hexachloroethane	ND		20	0.60	ug/L		06/22/21 08:29	06/23/21 16:22	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		06/22/21 08:29	06/23/21 16:22	1
Isophorone	ND		20	0.74	ug/L		06/22/21 08:29	06/23/21 16:22	1
Naphthalene	ND		20	0.86	ug/L		06/22/21 08:29	06/23/21 16:22	1
Decane	ND		40	1.6	ug/L		06/22/21 08:29	06/23/21 16:22	1
Nitrobenzene	ND		20	0.81	ug/L		06/22/21 08:29	06/23/21 16:22	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		06/22/21 08:29	06/23/21 16:22	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		06/22/21 08:29	06/23/21 16:22	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		06/22/21 08:29	06/23/21 16:22	1
n-Octadecane	ND		40	1.2	ug/L		06/22/21 08:29	06/23/21 16:22	1
Pentachlorophenol	ND		40	5.4	ug/L		06/22/21 08:29	06/23/21 16:22	1
Phenanthrene	ND		20	1.2	ug/L		06/22/21 08:29	06/23/21 16:22	1

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1

Date Collected: 06/15/21 14:10
Matrix: Water
Date Received: 06/15/21 15:40

Method: 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		06/22/21 08:29	06/23/21 16:22	1
Pyrene	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 16:22	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*114*		*52 - 151*	*06/22/21 08:29*	*06/23/21 16:22*	*1*
2-Fluorobiphenyl	*114*		*44 - 120*	*06/22/21 08:29*	*06/23/21 16:22*	*1*
2-Fluorophenol	*78*		*17 - 120*	*06/22/21 08:29*	*06/23/21 16:22*	*1*
Nitrobenzene-d5	*99*		*15 - 314*	*06/22/21 08:29*	*06/23/21 16:22*	*1*
Phenol-d5	*54*		*8 - 424*	*06/22/21 08:29*	*06/23/21 16:22*	*1*
p-Terphenyl-d14	*110*		*22 - 125*	*06/22/21 08:29*	*06/23/21 16:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	H	40	0.82	ug/L		06/25/21 07:15	06/29/21 14:13	1
1,2-Dichlorobenzene	ND	H	40	5.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
1,2-Diphenylhydrazine	ND	H	40	0.78	ug/L		06/25/21 07:15	06/29/21 14:13	1
1,3-Dichlorobenzene	ND	H	40	0.69	ug/L		06/25/21 07:15	06/29/21 14:13	1
1,4-Dichlorobenzene	ND	H	40	5.6	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,2'-oxybis[1-chloropropane]	ND	H	20	1.3	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,4,6-Trichlorophenol	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,4-Dichlorophenol	ND	H	20	0.77	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,4-Dimethylphenol	ND	H	20	1.4	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,4-Dinitrophenol	ND	H	40	5.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,4-Dinitrotoluene	ND	H	20	5.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
2-Chloronaphthalene	ND	H	20	0.91	ug/L		06/25/21 07:15	06/29/21 14:13	1
2-Chlorophenol	ND	H	20	0.66	ug/L		06/25/21 07:15	06/29/21 14:13	1
2-Nitrophenol	ND	H	20	0.70	ug/L		06/25/21 07:15	06/29/21 14:13	1
3,3'-Dichlorobenzidine	ND	H	20	0.82	ug/L		06/25/21 07:15	06/29/21 14:13	1
4,6-Dinitro-2-methylphenol	ND	H	40	0.66	ug/L		06/25/21 07:15	06/29/21 14:13	1
4-Bromophenyl phenyl ether	ND	H	20	1.4	ug/L		06/25/21 07:15	06/29/21 14:13	1
4-Chloro-3-methylphenol	ND	H	20	1.1	ug/L		06/25/21 07:15	06/29/21 14:13	1
4-Chlorophenyl phenyl ether	ND	H	20	1.3	ug/L		06/25/21 07:15	06/29/21 14:13	1
4-Nitrophenol	ND	H	40	10	ug/L		06/25/21 07:15	06/29/21 14:13	1
Acenaphthene	ND	H	20	0.81	ug/L		06/25/21 07:15	06/29/21 14:13	1
Acenaphthylene	ND	H	20	0.87	ug/L		06/25/21 07:15	06/29/21 14:13	1
Aniline	**3.5**	**J H *-**	40	1.5	ug/L		06/25/21 07:15	06/29/21 14:13	1
Anthracene	ND	H	20	1.4	ug/L		06/25/21 07:15	06/29/21 14:13	1
Benzidine	ND	H *-	320	35	ug/L		06/25/21 07:15	06/29/21 14:13	1
Benzo[a]anthracene	ND	H	20	1.1	ug/L		06/25/21 07:15	06/29/21 14:13	1
Benzo[a]pyrene	ND	H	20	1.3	ug/L		06/25/21 07:15	06/29/21 14:13	1
Benzo[b]fluoranthene	ND	H	20	1.2	ug/L		06/25/21 07:15	06/29/21 14:13	1
Benzo[g,h,i]perylene	ND	H	20	1.5	ug/L		06/25/21 07:15	06/29/21 14:13	1
Benzo[k]fluoranthene	ND	H	20	1.3	ug/L		06/25/21 07:15	06/29/21 14:13	1
Bis(2-chloroethoxy)methane	ND	H	20	0.75	ug/L		06/25/21 07:15	06/29/21 14:13	1
Bis(2-chloroethyl)ether	ND	H	20	0.93	ug/L		06/25/21 07:15	06/29/21 14:13	1
Bis(2-ethylhexyl) phthalate	ND	H	40	1.2	ug/L		06/25/21 07:15	06/29/21 14:13	1
Butyl benzyl phthalate	ND	H	20	1.1	ug/L		06/25/21 07:15	06/29/21 14:13	1
Chrysene	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
Dibenz(a,h)anthracene	ND	H	20	1.5	ug/L		06/25/21 07:15	06/29/21 14:13	1

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1

Date Collected: 06/15/21 14:10
Matrix: Water
Date Received: 06/15/21 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
Dimethyl phthalate	ND	H	20	0.91	ug/L		06/25/21 07:15	06/29/21 14:13	1
Di-n-butyl phthalate	**12**	**J H B *+**	20	1.6	ug/L		06/25/21 07:15	06/29/21 14:13	1
Di-n-octyl phthalate	ND	H	20	1.2	ug/L		06/25/21 07:15	06/29/21 14:13	1
Fluoranthene	ND	H	20	1.6	ug/L		06/25/21 07:15	06/29/21 14:13	1
Fluorene	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
Hexachlorobenzene	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
Hexachlorobutadiene	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
Hexachlorocyclopentadiene	ND	H	20	5.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
Hexachloroethane	ND	H	20	0.60	ug/L		06/25/21 07:15	06/29/21 14:13	1
Indeno[1,2,3-cd]pyrene	ND	H	20	1.5	ug/L		06/25/21 07:15	06/29/21 14:13	1
Isophorone	ND	H	20	0.74	ug/L		06/25/21 07:15	06/29/21 14:13	1
Naphthalene	ND	H	20	0.86	ug/L		06/25/21 07:15	06/29/21 14:13	1
Decane	ND	H	40	1.6	ug/L		06/25/21 07:15	06/29/21 14:13	1
Nitrobenzene	ND	H	20	0.81	ug/L		06/25/21 07:15	06/29/21 14:13	1
N-Nitrosodimethylamine	ND	H	40	5.0	ug/L		06/25/21 07:15	06/29/21 14:13	1
N-Nitrosodi-n-propylamine	ND	H	20	0.89	ug/L		06/25/21 07:15	06/29/21 14:13	1
N-Nitrosodiphenylamine	ND	H	20	0.40	ug/L		06/25/21 07:15	06/29/21 14:13	1
n-Octadecane	ND	H	40	1.2	ug/L		06/25/21 07:15	06/29/21 14:13	1
Pentachlorophenol	ND	H	40	5.4	ug/L		06/25/21 07:15	06/29/21 14:13	1
Phenanthrene	ND	H	20	1.2	ug/L		06/25/21 07:15	06/29/21 14:13	1
Phenol	ND	H	20	0.35	ug/L		06/25/21 07:15	06/29/21 14:13	1
Pyrene	ND	H	20	1.4	ug/L		06/25/21 07:15	06/29/21 14:13	1
2,6-Dinitrotoluene	ND	H	20	1.0	ug/L		06/25/21 07:15	06/29/21 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*52 - 151*	*06/25/21 07:15*	*06/29/21 14:13*	*1*
2-Fluorobiphenyl	*111*		*44 - 120*	*06/25/21 07:15*	*06/29/21 14:13*	*1*
2-Fluorophenol	*81*		*17 - 120*	*06/25/21 07:15*	*06/29/21 14:13*	*1*
Nitrobenzene-d5	*100*		*15 - 314*	*06/25/21 07:15*	*06/29/21 14:13*	*1*
Phenol-d5	*58*		*8 - 424*	*06/25/21 07:15*	*06/29/21 14:13*	*1*
p-Terphenyl-d14	*97*		*22 - 125*	*06/25/21 07:15*	*06/29/21 14:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 13:57	1
PCB-1221	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 13:57	1
PCB-1232	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 13:57	1
PCB-1242	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 13:57	1
PCB-1248	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 13:57	1
PCB-1254	ND		0.060	0.031	ug/L		06/17/21 14:18	06/18/21 13:57	1
PCB-1260	ND		0.060	0.031	ug/L		06/17/21 14:18	06/18/21 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*36 - 121*	*06/17/21 14:18*	*06/18/21 13:57*	*1*
Tetrachloro-m-xylene	*86*		*42 - 135*	*06/17/21 14:18*	*06/18/21 13:57*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0077**		0.0040	0.0010	mg/L		06/17/21 10:12	06/17/21 22:16	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1
Date Collected: 06/15/21 14:10
Matrix: Water
Date Received: 06/15/21 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0068	J	0.010	0.0016	mg/L		06/17/21 10:12	06/17/21 22:16	1
Lead	0.0070	J	0.010	0.0030	mg/L		06/17/21 10:12	06/17/21 22:16	1
Nickel	0.0040	J	0.010	0.0013	mg/L		06/17/21 10:12	06/17/21 22:16	1
Zinc	0.0082	J	0.010	0.0015	mg/L		06/17/21 10:12	06/17/21 22:16	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/21 13:35	06/21/21 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.015		0.010	0.0035	mg/L			06/17/21 08:13	1
Cyanide, Amenable	0.029		0.010	0.0050	mg/L			06/28/21 16:11	1
Phosphorus	0.49	B	0.050	0.025	mg/L as P			06/17/21 11:07	5
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			06/17/21 10:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	7.6		4.0	4.0	mg/L			06/17/21 14:49	1
pH	7.9	HF	0.1	0.1	SU			06/17/21 12:10	1
Temperature	20.2	HF	0.001	0.001	Degrees C			06/17/21 12:10	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-186052-2
Date Collected: 06/15/21 00:00
Matrix: Water
Date Received: 06/15/21 15:40

Method: 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	0.24	ug/L			06/26/21 16:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.37	ug/L			06/26/21 16:15	1
1,1,2-Trichloroethane	ND		5.0	0.15	ug/L			06/26/21 16:15	1
1,1-Dichloroethane	ND		5.0	0.26	ug/L			06/26/21 16:15	1
1,1-Dichloroethene	ND		5.0	0.12	ug/L			06/26/21 16:15	1
1,2-Dichlorobenzene	ND		5.0	0.19	ug/L			06/26/21 16:15	1
1,2-Dichloroethane	ND		5.0	0.84	ug/L			06/26/21 16:15	1
1,2-Dichloroethene, Total	ND		10	0.44	ug/L			06/26/21 16:15	1
1,2-Dichloropropane	ND		5.0	0.35	ug/L			06/26/21 16:15	1
1,3-Dichlorobenzene	ND		5.0	0.13	ug/L			06/26/21 16:15	1
1,4-Dichlorobenzene	ND		5.0	0.18	ug/L			06/26/21 16:15	1
2-Chloroethyl vinyl ether	ND		25	0.91	ug/L			06/26/21 16:15	1
Acrolein	ND	*+	100	1.1	ug/L			06/26/21 16:15	1
Acrylonitrile	ND		100	0.77	ug/L			06/26/21 16:15	1
Benzene	ND		5.0	0.43	ug/L			06/26/21 16:15	1
Bromodichloromethane	ND		5.0	0.34	ug/L			06/26/21 16:15	1
Bromoform	ND		5.0	0.54	ug/L			06/26/21 16:15	1
Bromomethane	ND		5.0	0.45	ug/L			06/26/21 16:15	1
Carbon tetrachloride	ND		5.0	0.21	ug/L			06/26/21 16:15	1
Chlorobenzene	ND		5.0	0.38	ug/L			06/26/21 16:15	1
Chloroethane	ND		5.0	0.32	ug/L			06/26/21 16:15	1
Chloroform	ND		5.0	0.33	ug/L			06/26/21 16:15	1
Chloromethane	ND		5.0	0.43	ug/L			06/26/21 16:15	1
cis-1,3-Dichloropropene	ND		5.0	0.46	ug/L			06/26/21 16:15	1
Dibromochloromethane	ND		5.0	0.13	ug/L			06/26/21 16:15	1
Ethylbenzene	ND		5.0	0.30	ug/L			06/26/21 16:15	1
Methylene Chloride	ND		5.0	0.32	ug/L			06/26/21 16:15	1
Tetrachloroethene	ND		5.0	0.25	ug/L			06/26/21 16:15	1
Toluene	ND		5.0	0.38	ug/L			06/26/21 16:15	1
trans-1,3-Dichloropropene	ND		5.0	0.22	ug/L			06/26/21 16:15	1
Trichloroethene	ND		5.0	0.31	ug/L			06/26/21 16:15	1
Trichlorofluoromethane	ND		5.0	0.14	ug/L			06/26/21 16:15	1
Vinyl chloride	ND		5.0	0.34	ug/L			06/26/21 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*60 - 140*		*06/26/21 16:15*	*1*
4-Bromofluorobenzene	*94*		*60 - 140*		*06/26/21 16:15*	*1*
Dibromofluoromethane (Surr)	*112*		*60 - 140*		*06/26/21 16:15*	*1*
Toluene-d8 (Surr)	*84*		*60 - 140*		*06/26/21 16:15*	*1*

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

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	(60-140)	(60-140)	(60-140)	(60-140)
480-186052-1	BCC BSA SUMP_0621	105	97	115	87
480-186052-2	TRIP BLANK	101	94	112	84
LCS 460-786790/3	Lab Control Sample	102	100	111	88
LCSD 460-786790/5	Lab Control Sample Dup	109	105	120	94
MB 460-786790/9	Method Blank	104	94	113	84

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
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)
480-186052-1	BCC BSA SUMP_0621	114	114	78	99	54	110
480-186052-1 - RE	BCC BSA SUMP_0621	104	111	81	100	58	97
LCS 480-586358/2-A	Lab Control Sample	104	99	71	91	56	104
LCS 480-586947/2-A	Lab Control Sample	108	103	77	96	61	106
MB 480-586358/1-A	Method Blank	104	104	74	95	54	113
MB 480-586947/1-A	Method Blank	102	99	67	90	48	113

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	(36-121)	(42-135)
480-186052-1	BCC BSA SUMP_0621	54	86
LCS 480-585904/2-A	Lab Control Sample	56	81
LCSD 480-585904/3-A	Lab Control Sample Dup	55	81
MB 480-585904/1-A	Method Blank	53	75

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 460-786790/9
Matrix: Water
Analysis Batch: 786790

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	0.24	ug/L			06/26/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.37	ug/L			06/26/21 15:30	1
1,1,2-Trichloroethane	ND		5.0	0.15	ug/L			06/26/21 15:30	1
1,1-Dichloroethane	ND		5.0	0.26	ug/L			06/26/21 15:30	1
1,1-Dichloroethene	ND		5.0	0.12	ug/L			06/26/21 15:30	1
1,2-Dichlorobenzene	ND		5.0	0.19	ug/L			06/26/21 15:30	1
1,2-Dichloroethane	ND		5.0	0.84	ug/L			06/26/21 15:30	1
1,2-Dichloroethene, Total	ND		10	0.44	ug/L			06/26/21 15:30	1
1,2-Dichloropropane	ND		5.0	0.35	ug/L			06/26/21 15:30	1
1,3-Dichlorobenzene	ND		5.0	0.13	ug/L			06/26/21 15:30	1
1,4-Dichlorobenzene	ND		5.0	0.18	ug/L			06/26/21 15:30	1
2-Chloroethyl vinyl ether	ND		25	0.91	ug/L			06/26/21 15:30	1
Acrolein	ND		100	1.1	ug/L			06/26/21 15:30	1
Acrylonitrile	ND		100	0.77	ug/L			06/26/21 15:30	1
Benzene	ND		5.0	0.43	ug/L			06/26/21 15:30	1
Bromodichloromethane	ND		5.0	0.34	ug/L			06/26/21 15:30	1
Bromoform	ND		5.0	0.54	ug/L			06/26/21 15:30	1
Bromomethane	ND		5.0	0.45	ug/L			06/26/21 15:30	1
Carbon tetrachloride	ND		5.0	0.21	ug/L			06/26/21 15:30	1
Chlorobenzene	ND		5.0	0.38	ug/L			06/26/21 15:30	1
Chloroethane	ND		5.0	0.32	ug/L			06/26/21 15:30	1
Chloroform	ND		5.0	0.33	ug/L			06/26/21 15:30	1
Chloromethane	ND		5.0	0.43	ug/L			06/26/21 15:30	1
cis-1,3-Dichloropropene	ND		5.0	0.46	ug/L			06/26/21 15:30	1
Dibromochloromethane	ND		5.0	0.13	ug/L			06/26/21 15:30	1
Ethylbenzene	ND		5.0	0.30	ug/L			06/26/21 15:30	1
Methylene Chloride	ND		5.0	0.32	ug/L			06/26/21 15:30	1
Tetrachloroethene	ND		5.0	0.25	ug/L			06/26/21 15:30	1
Toluene	ND		5.0	0.38	ug/L			06/26/21 15:30	1
trans-1,3-Dichloropropene	ND		5.0	0.22	ug/L			06/26/21 15:30	1
Trichloroethene	ND		5.0	0.31	ug/L			06/26/21 15:30	1
Trichlorofluoromethane	ND		5.0	0.14	ug/L			06/26/21 15:30	1
Vinyl chloride	ND		5.0	0.34	ug/L			06/26/21 15:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*		*06/26/21 15:30*	*1*
4-Bromofluorobenzene	*94*		*60 - 140*		*06/26/21 15:30*	*1*
Dibromofluoromethane (Surr)	*113*		*60 - 140*		*06/26/21 15:30*	*1*
Toluene-d8 (Surr)	*84*		*60 - 140*		*06/26/21 15:30*	*1*

Lab Sample ID: LCS 460-786790/3
Matrix: Water
Analysis Batch: 786790

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	23.3		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	20.0	15.1		ug/L		76	60 - 140
1,1,2-Trichloroethane	20.0	17.6		ug/L		88	70 - 130

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

Lab Sample ID: LCS 460-786790/3
Matrix: Water
Analysis Batch: 786790

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	20.8		ug/L		104	70 - 130
1,1-Dichloroethene	20.0	22.9		ug/L		115	50 - 150
1,2-Dichlorobenzene	20.0	18.9		ug/L		94	65 - 135
1,2-Dichloroethane	20.0	21.7		ug/L		108	70 - 130
1,2-Dichloroethene, Total	40.0	45.4		ug/L		114	60 - 140
1,2-Dichloropropane	20.0	19.7		ug/L		99	35 - 165
1,3-Dichlorobenzene	20.0	18.7		ug/L		93	70 - 130
1,4-Dichlorobenzene	20.0	19.1		ug/L		95	65 - 135
2-Chloroethyl vinyl ether	20.0	17.3	J	ug/L		86	0.1 - 225
Acrolein	40.6	61.6	J *+	ug/L		152	10 - 150
Acrylonitrile	200	182		ug/L		91	60 - 140
Benzene	20.0	18.0		ug/L		90	65 - 135
Bromodichloromethane	20.0	22.5		ug/L		112	65 - 135
Bromoform	20.0	19.4		ug/L		97	70 - 130
Bromomethane	20.0	20.1		ug/L		101	15 - 185
Carbon tetrachloride	20.0	24.9		ug/L		125	70 - 130
Chlorobenzene	20.0	19.3		ug/L		97	65 - 135
Chloroethane	20.0	18.7		ug/L		93	40 - 160
Chloroform	20.0	22.8		ug/L		114	70 - 135
Chloromethane	20.0	16.8		ug/L		84	0.1 - 205
cis-1,3-Dichloropropene	20.0	16.6		ug/L		83	25 - 175
Dibromochloromethane	20.0	20.6		ug/L		103	70 - 135
Ethylbenzene	20.0	18.7		ug/L		93	60 - 140
Methylene Chloride	20.0	22.2		ug/L		111	60 - 140
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 130
Toluene	20.0	17.8		ug/L		89	70 - 130
trans-1,3-Dichloropropene	20.0	17.0		ug/L		85	50 - 150
Trichloroethene	20.0	22.4		ug/L		112	65 - 135
Trichlorofluoromethane	20.0	21.0		ug/L		105	50 - 150
Vinyl chloride	20.0	17.0		ug/L		85	5 - 195

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 140*
4-Bromofluorobenzene	*100*		*60 - 140*
Dibromofluoromethane (Surr)	*111*		*60 - 140*
Toluene-d8 (Surr)	*88*		*60 - 140*

Lab Sample ID: LCSD 460-786790/5
Matrix: Water
Analysis Batch: 786790

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	23.4		ug/L		117	70 - 130	1	36
1,1,2,2-Tetrachloroethane	20.0	15.4		ug/L		77	60 - 140	2	61
1,1,2-Trichloroethane	20.0	18.3		ug/L		91	70 - 130	4	45
1,1-Dichloroethane	20.0	21.6		ug/L		108	70 - 130	4	40
1,1-Dichloroethene	20.0	23.5		ug/L		117	50 - 150	2	32
1,2-Dichlorobenzene	20.0	18.8		ug/L		94	65 - 135	1	57

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

Lab Sample ID: LCSD 460-786790/5
Matrix: Water
Analysis Batch: 786790

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	20.0	21.6		ug/L		108	70 - 130	1	49
1,2-Dichloroethene, Total	40.0	47.0		ug/L		118	60 - 140	3	50
1,2-Dichloropropane	20.0	20.0		ug/L		100	35 - 165	1	55
1,3-Dichlorobenzene	20.0	18.7		ug/L		93	70 - 130	0	43
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	65 - 135	3	57
2-Chloroethyl vinyl ether	20.0	17.7	J	ug/L		88	0.1 - 225	2	71
Acrolein	40.6	56.6	J	ug/L		140	10 - 150	8	60
Acrylonitrile	200	186		ug/L		93	60 - 140	2	60
Benzene	20.0	18.6		ug/L		93	65 - 135	3	61
Bromodichloromethane	20.0	22.1		ug/L		111	65 - 135	1	56
Bromoform	20.0	19.2		ug/L		96	70 - 130	1	42
Bromomethane	20.0	19.9		ug/L		99	15 - 185	1	61
Carbon tetrachloride	20.0	25.1		ug/L		126	70 - 130	1	41
Chlorobenzene	20.0	20.1		ug/L		100	65 - 135	4	53
Chloroethane	20.0	18.8		ug/L		94	40 - 160	1	78
Chloroform	20.0	23.3		ug/L		116	70 - 135	2	54
Chloromethane	20.0	15.7		ug/L		79	0.1 - 205	7	60
cis-1,3-Dichloropropene	20.0	17.2		ug/L		86	25 - 175	3	58
Dibromochloromethane	20.0	21.5		ug/L		108	70 - 135	4	50
Ethylbenzene	20.0	19.1		ug/L		96	60 - 140	2	63
Methylene Chloride	20.0	23.1		ug/L		116	60 - 140	4	28
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 130	1	39
Toluene	20.0	18.3		ug/L		92	70 - 130	3	41
trans-1,3-Dichloropropene	20.0	16.9		ug/L		85	50 - 150	1	86
Trichloroethene	20.0	23.0		ug/L		115	65 - 135	3	48
Trichlorofluoromethane	20.0	22.0		ug/L		110	50 - 150	5	84
Vinyl chloride	20.0	17.7		ug/L		88	5 - 195	4	66

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*60 - 140*
4-Bromofluorobenzene	*105*		*60 - 140*
Dibromofluoromethane (Surr)	*120*		*60 - 140*
Toluene-d8 (Surr)	*94*		*60 - 140*

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

Lab Sample ID: MB 480-586358/1-A
Matrix: Water
Analysis Batch: 586579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		06/22/21 08:29	06/23/21 13:11	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		06/22/21 08:29	06/23/21 13:11	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		06/22/21 08:29	06/23/21 13:11	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		06/22/21 08:29	06/23/21 13:11	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 13:11	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		06/22/21 08:29	06/23/21 13:11	1

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

Lab Sample ID: MB 480-586358/1-A
Matrix: Water
Analysis Batch: 586579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 13:11	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
2-Chloronaphthalene	ND		20	0.91	ug/L		06/22/21 08:29	06/23/21 13:11	1
2-Chlorophenol	ND		20	0.66	ug/L		06/22/21 08:29	06/23/21 13:11	1
2-Nitrophenol	ND		20	0.70	ug/L		06/22/21 08:29	06/23/21 13:11	1
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		06/22/21 08:29	06/23/21 13:11	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		06/22/21 08:29	06/23/21 13:11	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 13:11	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		06/22/21 08:29	06/23/21 13:11	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 13:11	1
4-Nitrophenol	ND		40	10	ug/L		06/22/21 08:29	06/23/21 13:11	1
Acenaphthene	ND		20	0.81	ug/L		06/22/21 08:29	06/23/21 13:11	1
Acenaphthylene	ND		20	0.87	ug/L		06/22/21 08:29	06/23/21 13:11	1
Aniline	ND		40	1.5	ug/L		06/22/21 08:29	06/23/21 13:11	1
Anthracene	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 13:11	1
Benzidine	ND		320	35	ug/L		06/22/21 08:29	06/23/21 13:11	1
Benzo[a]anthracene	ND		20	1.1	ug/L		06/22/21 08:29	06/23/21 13:11	1
Benzo[a]pyrene	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 13:11	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		06/22/21 08:29	06/23/21 13:11	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		06/22/21 08:29	06/23/21 13:11	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		06/22/21 08:29	06/23/21 13:11	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		06/22/21 08:29	06/23/21 13:11	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		06/22/21 08:29	06/23/21 13:11	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		06/22/21 08:29	06/23/21 13:11	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		06/22/21 08:29	06/23/21 13:11	1
Chrysene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		06/22/21 08:29	06/23/21 13:11	1
Diethyl phthalate	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
Dimethyl phthalate	ND		20	0.91	ug/L		06/22/21 08:29	06/23/21 13:11	1
Di-n-butyl phthalate	13.2	J	20	1.6	ug/L		06/22/21 08:29	06/23/21 13:11	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		06/22/21 08:29	06/23/21 13:11	1
Fluoranthene	ND		20	1.6	ug/L		06/22/21 08:29	06/23/21 13:11	1
Fluorene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
Hexachlorobenzene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
Hexachlorobutadiene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
Hexachloroethane	ND		20	0.60	ug/L		06/22/21 08:29	06/23/21 13:11	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		06/22/21 08:29	06/23/21 13:11	1
Isophorone	ND		20	0.74	ug/L		06/22/21 08:29	06/23/21 13:11	1
Naphthalene	ND		20	0.86	ug/L		06/22/21 08:29	06/23/21 13:11	1
Decane	ND		40	1.6	ug/L		06/22/21 08:29	06/23/21 13:11	1
Nitrobenzene	ND		20	0.81	ug/L		06/22/21 08:29	06/23/21 13:11	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		06/22/21 08:29	06/23/21 13:11	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		06/22/21 08:29	06/23/21 13:11	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		06/22/21 08:29	06/23/21 13:11	1
n-Octadecane	ND		40	1.2	ug/L		06/22/21 08:29	06/23/21 13:11	1
Pentachlorophenol	ND		40	5.4	ug/L		06/22/21 08:29	06/23/21 13:11	1
Phenanthrene	ND		20	1.2	ug/L		06/22/21 08:29	06/23/21 13:11	1

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

Lab Sample ID: MB 480-586358/1-A
Matrix: Water
Analysis Batch: 586579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		20	0.35	ug/L		06/22/21 08:29	06/23/21 13:11	1
Pyrene	ND		20	1.4	ug/L		06/22/21 08:29	06/23/21 13:11	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		06/22/21 08:29	06/23/21 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*52 - 151*	*06/22/21 08:29*	*06/23/21 13:11*	*1*
2-Fluorobiphenyl	*104*		*44 - 120*	*06/22/21 08:29*	*06/23/21 13:11*	*1*
2-Fluorophenol	*74*		*17 - 120*	*06/22/21 08:29*	*06/23/21 13:11*	*1*
Nitrobenzene-d5	*95*		*15 - 314*	*06/22/21 08:29*	*06/23/21 13:11*	*1*
Phenol-d5	*54*		*8 - 424*	*06/22/21 08:29*	*06/23/21 13:11*	*1*
p-Terphenyl-d14	*113*		*22 - 125*	*06/22/21 08:29*	*06/23/21 13:11*	*1*

Lab Sample ID: LCS 480-586358/2-A
Matrix: Water
Analysis Batch: 586579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586358

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	28.7	J	ug/L		90	44 - 142
1,2-Dichlorobenzene	32.0	26.9	J	ug/L		84	32 - 129
1,3-Dichlorobenzene	32.0	26.9	J	ug/L		84	1 - 172
1,4-Dichlorobenzene	32.0	27.1	J	ug/L		85	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	27.1		ug/L		85	36 - 166
2,4,6-Trichlorophenol	32.0	33.7		ug/L		105	37 - 144
2,4-Dichlorophenol	32.0	30.3		ug/L		95	39 - 135
2,4-Dimethylphenol	32.0	30.2		ug/L		94	32 - 120
2,4-Dinitrophenol	64.0	70.2		ug/L		110	1 - 191
2,4-Dinitrotoluene	32.0	33.4		ug/L		104	39 - 139
2-Chloronaphthalene	32.0	29.8		ug/L		93	60 - 120
2-Chlorophenol	32.0	28.4		ug/L		89	23 - 134
2-Nitrophenol	32.0	30.5		ug/L		95	29 - 182
3,3'-Dichlorobenzidine	64.0	50.9		ug/L		80	1 - 262
4,6-Dinitro-2-methylphenol	64.0	70.9		ug/L		111	1 - 181
4-Bromophenyl phenyl ether	32.0	33.1		ug/L		103	53 - 127
4-Chloro-3-methylphenol	32.0	31.4		ug/L		98	22 - 147
4-Chlorophenyl phenyl ether	32.0	33.3		ug/L		104	25 - 158
4-Nitrophenol	64.0	55.6		ug/L		87	1 - 132
Acenaphthene	32.0	31.8		ug/L		99	47 - 145
Acenaphthylene	32.0	32.9		ug/L		103	33 - 145
Aniline	32.0	20.9	J	ug/L		65	40 - 120
Anthracene	32.0	31.2		ug/L		97	27 - 133
Benzo[a]anthracene	32.0	32.8		ug/L		103	33 - 143
Benzo[a]pyrene	32.0	30.3		ug/L		95	17 - 163
Benzo[b]fluoranthene	32.0	32.2		ug/L		101	24 - 159
Benzo[g,h,i]perylene	32.0	33.6		ug/L		105	1 - 219
Benzo[k]fluoranthene	32.0	31.4		ug/L		98	11 - 162
Bis(2-chloroethoxy)methane	32.0	29.4		ug/L		92	33 - 184
Bis(2-chloroethyl)ether	32.0	27.6		ug/L		86	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	32.3	J	ug/L		101	8 - 158

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

Lab Sample ID: LCS 480-586358/2-A
Matrix: Water
Analysis Batch: 586579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586358

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	32.0	33.6		ug/L		105	1 - 152
Chrysene	32.0	31.5		ug/L		98	17 - 168
Dibenz(a,h)anthracene	32.0	33.7		ug/L		105	1 - 227
Diethyl phthalate	32.0	35.4		ug/L		111	1 - 120
Dimethyl phthalate	32.0	33.6		ug/L		105	1 - 120
Di-n-butyl phthalate	32.0	42.5	*+	ug/L		133	1 - 120
Di-n-octyl phthalate	32.0	30.1		ug/L		94	4 - 146
Fluoranthene	32.0	32.3		ug/L		101	26 - 137
Fluorene	32.0	33.0		ug/L		103	59 - 121
Hexachlorobenzene	32.0	31.8		ug/L		99	1 - 152
Hexachlorocyclopentadiene	32.0	22.3		ug/L		70	5 - 120
Hexachloroethane	32.0	26.8		ug/L		84	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	32.2		ug/L		101	1 - 171
Isophorone	32.0	30.8		ug/L		96	21 - 196
Naphthalene	32.0	28.8		ug/L		90	21 - 133
Nitrobenzene	32.0	30.4		ug/L		95	35 - 180
N-Nitrosodi-n-propylamine	32.0	31.0		ug/L		97	1 - 230
N-Nitrosodiphenylamine	32.0	31.1		ug/L		97	54 - 125
Pentachlorophenol	64.0	65.7		ug/L		103	14 - 176
Phenanthrene	32.0	32.3		ug/L		101	54 - 120
Phenol	32.0	19.2	J	ug/L		60	5 - 120
Pyrene	32.0	33.5		ug/L		105	52 - 120
2,6-Dinitrotoluene	32.0	33.2		ug/L		104	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 151*
2-Fluorobiphenyl	*99*		*44 - 120*
2-Fluorophenol	*71*		*17 - 120*
Nitrobenzene-d5	*91*		*15 - 314*
Phenol-d5	*56*		*8 - 424*
p-Terphenyl-d14	*104*		*22 - 125*

Lab Sample ID: MB 480-586947/1-A
Matrix: Water
Analysis Batch: 587237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		06/25/21 07:15	06/29/21 00:33	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		06/25/21 07:15	06/29/21 00:33	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		06/25/21 07:15	06/29/21 00:33	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		06/25/21 07:15	06/29/21 00:33	1

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

Lab Sample ID: MB 480-586947/1-A
Matrix: Water
Analysis Batch: 587237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		20	0.91	ug/L		06/25/21 07:15	06/29/21 00:33	1
2-Chlorophenol	ND		20	0.66	ug/L		06/25/21 07:15	06/29/21 00:33	1
2-Nitrophenol	ND		20	0.70	ug/L		06/25/21 07:15	06/29/21 00:33	1
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		06/25/21 07:15	06/29/21 00:33	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		06/25/21 07:15	06/29/21 00:33	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		06/25/21 07:15	06/29/21 00:33	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		06/25/21 07:15	06/29/21 00:33	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		06/25/21 07:15	06/29/21 00:33	1
4-Nitrophenol	ND		40	10	ug/L		06/25/21 07:15	06/29/21 00:33	1
Acenaphthene	ND		20	0.81	ug/L		06/25/21 07:15	06/29/21 00:33	1
Acenaphthylene	ND		20	0.87	ug/L		06/25/21 07:15	06/29/21 00:33	1
Aniline	ND		40	1.5	ug/L		06/25/21 07:15	06/29/21 00:33	1
Anthracene	ND		20	1.4	ug/L		06/25/21 07:15	06/29/21 00:33	1
Benzidine	ND		320	35	ug/L		06/25/21 07:15	06/29/21 00:33	1
Benzo[a]anthracene	ND		20	1.1	ug/L		06/25/21 07:15	06/29/21 00:33	1
Benzo[a]pyrene	ND		20	1.3	ug/L		06/25/21 07:15	06/29/21 00:33	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		06/25/21 07:15	06/29/21 00:33	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		06/25/21 07:15	06/29/21 00:33	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		06/25/21 07:15	06/29/21 00:33	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		06/25/21 07:15	06/29/21 00:33	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		06/25/21 07:15	06/29/21 00:33	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		06/25/21 07:15	06/29/21 00:33	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		06/25/21 07:15	06/29/21 00:33	1
Chrysene	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		06/25/21 07:15	06/29/21 00:33	1
Diethyl phthalate	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
Dimethyl phthalate	ND		20	0.91	ug/L		06/25/21 07:15	06/29/21 00:33	1
Di-n-butyl phthalate	10.5	J	20	1.6	ug/L		06/25/21 07:15	06/29/21 00:33	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		06/25/21 07:15	06/29/21 00:33	1
Fluoranthene	ND		20	1.6	ug/L		06/25/21 07:15	06/29/21 00:33	1
Fluorene	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
Hexachlorobenzene	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
Hexachlorobutadiene	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
Hexachloroethane	ND		20	0.60	ug/L		06/25/21 07:15	06/29/21 00:33	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		06/25/21 07:15	06/29/21 00:33	1
Isophorone	ND		20	0.74	ug/L		06/25/21 07:15	06/29/21 00:33	1
Naphthalene	ND		20	0.86	ug/L		06/25/21 07:15	06/29/21 00:33	1
Decane	ND		40	1.6	ug/L		06/25/21 07:15	06/29/21 00:33	1
Nitrobenzene	ND		20	0.81	ug/L		06/25/21 07:15	06/29/21 00:33	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		06/25/21 07:15	06/29/21 00:33	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		06/25/21 07:15	06/29/21 00:33	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		06/25/21 07:15	06/29/21 00:33	1
n-Octadecane	ND		40	1.2	ug/L		06/25/21 07:15	06/29/21 00:33	1
Pentachlorophenol	ND		40	5.4	ug/L		06/25/21 07:15	06/29/21 00:33	1
Phenanthrene	ND		20	1.2	ug/L		06/25/21 07:15	06/29/21 00:33	1
Phenol	ND		20	0.35	ug/L		06/25/21 07:15	06/29/21 00:33	1
Pyrene	ND		20	1.4	ug/L		06/25/21 07:15	06/29/21 00:33	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		06/25/21 07:15	06/29/21 00:33	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		52 - 151	06/25/21 07:15	06/29/21 00:33	1
2-Fluorobiphenyl	99		44 - 120	06/25/21 07:15	06/29/21 00:33	1
2-Fluorophenol	67		17 - 120	06/25/21 07:15	06/29/21 00:33	1
Nitrobenzene-d5	90		15 - 314	06/25/21 07:15	06/29/21 00:33	1
Phenol-d5	48		8 - 424	06/25/21 07:15	06/29/21 00:33	1
p-Terphenyl-d14	113		22 - 125	06/25/21 07:15	06/29/21 00:33	1

Lab Sample ID: LCS 480-586947/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 587237
Prep Batch: 586947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	27.5	J	ug/L		86	44 - 142
1,2-Dichlorobenzene	32.0	28.0	J	ug/L		87	32 - 129
1,3-Dichlorobenzene	32.0	26.4	J	ug/L		83	1 - 172
1,4-Dichlorobenzene	32.0	27.0	J	ug/L		85	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	27.5		ug/L		86	36 - 166
2,4,6-Trichlorophenol	32.0	33.1		ug/L		103	37 - 144
2,4-Dichlorophenol	32.0	32.4		ug/L		101	39 - 135
2,4-Dimethylphenol	32.0	31.1		ug/L		97	32 - 120
2,4-Dinitrophenol	64.0	55.6		ug/L		87	1 - 191
2,4-Dinitrotoluene	32.0	33.4		ug/L		104	39 - 139
2-Chloronaphthalene	32.0	30.3		ug/L		95	60 - 120
2-Chlorophenol	32.0	30.0		ug/L		94	23 - 134
2-Nitrophenol	32.0	31.3		ug/L		98	29 - 182
3,3'-Dichlorobenzidine	64.0	50.7		ug/L		79	1 - 262
4,6-Dinitro-2-methylphenol	64.0	65.3		ug/L		102	1 - 181
4-Bromophenyl phenyl ether	32.0	34.8		ug/L		109	53 - 127
4-Chloro-3-methylphenol	32.0	32.1		ug/L		100	22 - 147
4-Chlorophenyl phenyl ether	32.0	33.7		ug/L		105	25 - 158
4-Nitrophenol	64.0	54.9		ug/L		86	1 - 132
Acenaphthene	32.0	33.4		ug/L		104	47 - 145
Acenaphthylene	32.0	33.3		ug/L		104	33 - 145
Aniline	32.0	11.2	J *-	ug/L		35	40 - 120
Anthracene	32.0	33.0		ug/L		103	27 - 133
Benzo[a]anthracene	32.0	32.7		ug/L		102	33 - 143
Benzo[a]pyrene	32.0	30.8		ug/L		96	17 - 163
Benzo[b]fluoranthene	32.0	33.2		ug/L		104	24 - 159
Benzo[g,h,i]perylene	32.0	33.6		ug/L		105	1 - 219
Benzo[k]fluoranthene	32.0	33.1		ug/L		104	11 - 162
Bis(2-chloroethoxy)methane	32.0	29.3		ug/L		92	33 - 184
Bis(2-chloroethyl)ether	32.0	27.7		ug/L		87	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	33.6	J	ug/L		105	8 - 158
Butyl benzyl phthalate	32.0	34.0		ug/L		106	1 - 152
Chrysene	32.0	30.7		ug/L		96	17 - 168
Dibenz(a,h)anthracene	32.0	34.2		ug/L		107	1 - 227
Diethyl phthalate	32.0	35.6		ug/L		111	1 - 120
Dimethyl phthalate	32.0	34.2		ug/L		107	1 - 120
Di-n-butyl phthalate	32.0	45.6	*+	ug/L		142	1 - 120
Di-n-octyl phthalate	32.0	32.1		ug/L		100	4 - 146
Fluoranthene	32.0	33.2		ug/L		104	26 - 137

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

Lab Sample ID: LCS 480-586947/2-A
Matrix: Water
Analysis Batch: 587237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluorene	32.0	34.0		ug/L		106	59 - 121
Hexachlorobenzene	32.0	35.0		ug/L		109	1 - 152
Hexachlorocyclopentadiene	32.0	19.5	J	ug/L		61	5 - 120
Hexachloroethane	32.0	23.9		ug/L		75	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.9		ug/L		106	1 - 171
Isophorone	32.0	31.4		ug/L		98	21 - 196
Naphthalene	32.0	29.5		ug/L		92	21 - 133
Nitrobenzene	32.0	31.4		ug/L		98	35 - 180
N-Nitrosodi-n-propylamine	32.0	32.1		ug/L		100	1 - 230
N-Nitrosodiphenylamine	32.0	32.3		ug/L		101	54 - 125
Pentachlorophenol	64.0	65.8		ug/L		103	14 - 176
Phenanthrene	32.0	33.8		ug/L		105	54 - 120
Phenol	32.0	21.3		ug/L		67	5 - 120
Pyrene	32.0	34.0		ug/L		106	52 - 120
2,6-Dinitrotoluene	32.0	32.6		ug/L		102	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*108*		*52 - 151*
2-Fluorobiphenyl	*103*		*44 - 120*
2-Fluorophenol	*77*		*17 - 120*
Nitrobenzene-d5	*96*		*15 - 314*
Phenol-d5	*61*		*8 - 424*
p-Terphenyl-d14	*106*		*22 - 125*

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

Lab Sample ID: MB 480-585904/1-A
Matrix: Water
Analysis Batch: 585985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 585904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 10:57	1
PCB-1221	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 10:57	1
PCB-1232	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 10:57	1
PCB-1242	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 10:57	1
PCB-1248	ND		0.060	0.038	ug/L		06/17/21 14:18	06/18/21 10:57	1
PCB-1254	ND		0.060	0.031	ug/L		06/17/21 14:18	06/18/21 10:57	1
PCB-1260	ND		0.060	0.031	ug/L		06/17/21 14:18	06/18/21 10:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*36 - 121*	*06/17/21 14:18*	*06/18/21 10:57*	*1*
Tetrachloro-m-xylene	*75*		*42 - 135*	*06/17/21 14:18*	*06/18/21 10:57*	*1*

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

Lab Sample ID: LCS 480-585904/2-A
Matrix: Water
Analysis Batch: 585985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 585904

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.00	1.06		ug/L		106	69 - 123		
PCB-1260			1.00	0.864		ug/L		86	69 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*56*		*36 - 121*
Tetrachloro-m-xylene	*81*		*42 - 135*

Lab Sample ID: LCSD 480-585904/3-A
Matrix: Water
Analysis Batch: 585985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 585904

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1.00	0.920		ug/L		92	69 - 123	14	30
PCB-1260			1.00	0.886		ug/L		89	69 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*55*		*36 - 121*
Tetrachloro-m-xylene	*81*		*42 - 135*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-585751/1-A
Matrix: Water
Analysis Batch: 586029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 585751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		06/17/21 10:12	06/17/21 21:31	1
Copper	ND		0.010	0.0016	mg/L		06/17/21 10:12	06/17/21 21:31	1
Lead	ND		0.010	0.0030	mg/L		06/17/21 10:12	06/17/21 21:31	1
Nickel	ND		0.010	0.0013	mg/L		06/17/21 10:12	06/17/21 21:31	1
Zinc	ND		0.010	0.0015	mg/L		06/17/21 10:12	06/17/21 21:31	1

Lab Sample ID: LCS 480-585751/2-A
Matrix: Water
Analysis Batch: 586029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 585751

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium			0.200	0.209		mg/L		104	85 - 115		
Copper			0.200	0.203		mg/L		101	85 - 115		
Lead			0.200	0.202		mg/L		101	85 - 115		
Nickel			0.200	0.198		mg/L		99	85 - 115		
Zinc			0.200	0.207		mg/L		104	85 - 115		

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-586106/1-A
Matrix: Water
Analysis Batch: 586328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/21 13:35	06/21/21 16:42	1

Lab Sample ID: LCS 480-586106/2-A
Matrix: Water
Analysis Batch: 586328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00687		mg/L		103	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-585891/16
Matrix: Water
Analysis Batch: 585891

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			06/17/21 08:05	1

Lab Sample ID: LCS 480-585891/17
Matrix: Water
Analysis Batch: 585891

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	0.0958		mg/L		96	90 - 110

Lab Sample ID: 480-186052-1 MS
Matrix: Water
Analysis Batch: 585891

Client Sample ID: BCC BSA SUMP_0621
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.015		0.100	0.113		mg/L		98	90 - 110

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

Lab Sample ID: MB 480-585911/1
Matrix: Water
Analysis Batch: 585911

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		4.0	4.0	mg/L			06/17/21 14:49	1

Lab Sample ID: LCS 480-585911/2
Matrix: Water
Analysis Batch: 585911

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	538	538.0		mg/L		100	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-585897/1
Matrix: Water
Analysis Batch: 585897

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 480-585882/27
Matrix: Water
Analysis Batch: 585882

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	0.00541	J	0.010	0.0050	mg/L as P			06/17/21 11:07	1

Lab Sample ID: LCS 480-585882/28
Matrix: Water
Analysis Batch: 585882

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		98	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-585950/1
Matrix: Water
Analysis Batch: 585950

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			06/17/21 10:26	1

Lab Sample ID: LCS 480-585950/2
Matrix: Water
Analysis Batch: 585950

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	186.3		mg/L		94	85 - 115

Lab Sample ID: 480-186052-1 DU
Matrix: Water
Analysis Batch: 585950

Client Sample ID: BCC BSA SUMP_0621
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Biochemical Oxygen Demand	ND		ND		mg/L		NC	20

QC Association Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

GC/MS VOA

Analysis Batch: 786790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	624.1	
480-186052-2	TRIP BLANK	Total/NA	Water	624.1	
MB 460-786790/9	Method Blank	Total/NA	Water	624.1	
LCS 460-786790/3	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-786790/5	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 586358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	625	
MB 480-586358/1-A	Method Blank	Total/NA	Water	625	
LCS 480-586358/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 586579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	625.1	586358
MB 480-586358/1-A	Method Blank	Total/NA	Water	625.1	586358
LCS 480-586358/2-A	Lab Control Sample	Total/NA	Water	625.1	586358

Prep Batch: 586947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1 - RE	BCC BSA SUMP_0621	Total/NA	Water	625	
MB 480-586947/1-A	Method Blank	Total/NA	Water	625	
LCS 480-586947/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 587237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-586947/1-A	Method Blank	Total/NA	Water	625.1	586947
LCS 480-586947/2-A	Lab Control Sample	Total/NA	Water	625.1	586947

Analysis Batch: 587391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1 - RE	BCC BSA SUMP_0621	Total/NA	Water	625.1	586947

GC Semi VOA

Prep Batch: 585904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	3510C	
MB 480-585904/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-585904/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-585904/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 585985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	608.3	585904
MB 480-585904/1-A	Method Blank	Total/NA	Water	608.3	585904
LCS 480-585904/2-A	Lab Control Sample	Total/NA	Water	608.3	585904
LCSD 480-585904/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	585904

Metals

Prep Batch: 585751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	200.7	
MB 480-585751/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-585751/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 586029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	200.7 Rev 4.4	585751
MB 480-585751/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	585751
LCS 480-585751/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	585751

Prep Batch: 586106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	245.1	
MB 480-586106/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-586106/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 586328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	245.1	586106
MB 480-586106/1-A	Method Blank	Total/NA	Water	245.1	586106
LCS 480-586106/2-A	Lab Control Sample	Total/NA	Water	245.1	586106

General Chemistry

Analysis Batch: 585882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	SM 4500 P E	
MB 480-585882/27	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-585882/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 585891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	420.4	
MB 480-585891/16	Method Blank	Total/NA	Water	420.4	
LCS 480-585891/17	Lab Control Sample	Total/NA	Water	420.4	
480-186052-1 MS	BCC BSA SUMP_0621	Total/NA	Water	420.4	

Analysis Batch: 585897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	SM 4500 H+ B	
LCS 480-585897/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 585911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	SM 2540D	
MB 480-585911/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-585911/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 585950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	SM 5210B	

General Chemistry (Continued)

Analysis Batch: 585950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
USB 480-585950/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-585950/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-186052-1 DU	BCC BSA SUMP_0621	Total/NA	Water	SM 5210B	

Analysis Batch: 587366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186052-1	BCC BSA SUMP_0621	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Client Sample ID: BCC BSA SUMP_0621
Lab Sample ID: 480-186052-1
Date Collected: 06/15/21 14:10
Matrix: Water
Date Received: 06/15/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	786790	06/26/21 17:23	AMS	TAL EDI
Total/NA	Prep	625			586358	06/22/21 08:29	JMP	TAL BUF
Total/NA	Analysis	625.1		1	586579	06/23/21 16:22	JMM	TAL BUF
Total/NA	Prep	625	RE		586947	06/25/21 07:15	SMP	TAL BUF
Total/NA	Analysis	625.1	RE	1	587391	06/29/21 14:13	JMM	TAL BUF
Total/NA	Prep	3510C			585904	06/17/21 14:18	ATG	TAL BUF
Total/NA	Analysis	608.3		1	585985	06/18/21 13:57	W1T	TAL BUF
Total/NA	Prep	200.7			585751	06/17/21 10:12	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	586029	06/17/21 22:16	AMH	TAL BUF
Total/NA	Prep	245.1			586106	06/21/21 13:35	BMB	TAL BUF
Total/NA	Analysis	245.1		1	586328	06/21/21 17:03	BMB	TAL BUF
Total/NA	Analysis	420.4		1	585891	06/17/21 08:13	CLT	TAL BUF
Total/NA	Analysis	SM 2540D		1	585911	06/17/21 14:49	JGO	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	587366	06/28/21 16:11	DLG	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	585897	06/17/21 12:10	JPS	TAL BUF
Total/NA	Analysis	SM 4500 P E		5	585882	06/17/21 11:07	EAG	TAL BUF
Total/NA	Analysis	SM 5210B		1	585950	06/17/21 10:26	CSS	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-186052-2
Date Collected: 06/15/21 00:00
Matrix: Water
Date Received: 06/15/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	786790	06/26/21 16:15	AMS	TAL EDI

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc. Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Laboratory: Eurofins TestAmerica, 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	04-01-22

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
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

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-22
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-22
Pennsylvania	NELAP	68-00522	02-28-22
Rhode Island	State	LAO00132	12-30-21
USDA	US Federal Programs	P330-20-00244	11-03-23

Method Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

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

Protocol References:

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

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-186052-1	BCC BSA SUMP_0621	Water	06/15/21 14:10	06/15/21 15:40	
480-186052-2	TRIP BLANK	Water	06/15/21 00:00	06/15/21 15:40	

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-186052-1
Project/Site: OSC- Former Buffalo Color Sites - 37745

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

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 6-15-2021	COC No: 480-186853-6057.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
333 Ganson Street	**Analysis Turnaround Time**			Job No. 16011
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			
(716) 856-3333 Phone	TAT if different from Below _____			SDG No.
(716) 842-1785 FAX	[X] 2 weeks			
Project Name: Buffalo Color GWTF Sump	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230	[ ] 2 days			
PO# 64036	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7, 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - [redacted] Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - [redacted] Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH	Sample Specific Notes:
BCC_BSA_Sump_0621	6/15/21	1410	C	W	19	N	1	1	1	8	2	2	1	1	1	1	
Trip Blank	N/A	N/A	N/A	W	2	N				2							
Container Volume (mL)							250	250	250	40	1000	1000	1000	500	250	125	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							3	4	3	2	1	1	1	1	5	1	

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

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

Special Instructions/QC Requirements & Comments:

28 #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	6-15-21 1540			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
				TA	6/15/21 1540

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-64600.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Schove@Eurofinset.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-186052-1
Address: 777 New Durham Road, ,	Due Date Requested: 6/28/2021			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: OSC- Former Buffalo Color Sites - 37745	Project #: 48003159			
Site: Honeywell- Buffalo Sites	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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)	624.1_PREC/624_Prep Priority Pollutant List - VOA	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BCC BSA SUMP_0621 (480-186052-1)	6/15/21	14:10 Eastern		Water			X	8	
TRIP BLANK (480-186052-2)	6/15/21	Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out 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 TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

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	[signature]	6/17/21 1700	TA	Client via Fedex	6/18/21 945	TAE
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 ∆ No	Custody Seal No.: 1513192	Cooler Temperature(s) °C and Other Remarks: 4.3C/3.8C

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-186052-1

Login Number: 186052
List Number: 1
Creator: Sabuda, Brendan D

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-186052-1

Login Number: 186052
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins TestAmerica, Edison
List Creation: 06/18/21 11:58 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1513192
Sample custody seals, if present, are intact.	N/A	
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	3.8°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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	

Field Data Collection Sheets

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
4/1/2021					1		1	1					
4/2/2021					1	1		1	1	1			
4/3/2021													
4/4/2021													
4/5/2021					1			1		1			
4/6/2021						1		1					
4/7/2021					1			1	1	1			
4/8/2021							1	1					
4/9/2021					1	1		1	1	1			
4/10/2021													
4/11/2021													
4/12/2021					1			1	1	1			
4/13/2021						1		1	6	2			Bleach flush well #5
4/14/2021					1			1	2	1			
4/15/2021						1	1	1					
4/16/2021					1	1		1	1	1			
4/17/2021													
4/18/2021													
4/19/2021					1			1		1			
4/20/2021						1		1					
4/21/2021					1			1					
4/22/2021							1	1			1		
4/23/2021					1	1		1	1	1			
4/24/2021													
4/25/2021													
4/26/2021					1			1		1		1	
4/27/2021								1					
4/28/2021						1		1					
4/29/2021					1	1	1	1	1	1			
4/30/2021													
5/1/2021													
5/2/2021													
5/3/2021					1			1	1	1			
5/4/2021								1					
5/5/2021					1			1					
5/6/2021							1	1		1			
5/7/2021					1	1		1	1				
5/8/2021													
5/9/2021													
5/10/2002	1				1	1		1		1			Cyclesorb
5/11/2021					1			1					
5/12/2021						1		1					
5/13/2021					1		1	1	1				
5/14/2021					1	1		1	1	1			
5/15/2021													
5/16/2021													
5/17/2021					1			1		1			
5/18/2021			1				1	1	1		1		
5/19/2021						1		1	3	3			
5/20/2021								1					
5/21/2021					1	1		1	1	1			
5/22/2021													
5/23/2021													
5/24/2021					1			1	1	1			
5/25/2021								1					
5/26/2021						1	1	1					

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
5/27/2021					1	1		1	1	1			
5/28/2021													
5/29/2021													
5/30/2021													
5/31/2021													
6/1/2021					1		1	1	1	1			
6/2/2021						1		1					
6/3/2021					1			1	1				
6/4/2021					1	1		1	1	1			
6/5/2021													
6/6/2021													
6/7/2021					1			1	1	1			
6/8/2021						1		1					
6/9/2021								1		1			
6/10/2021					1		1	1					
6/11/2021					1	1		1	1	1			
6/12/2021													
6/13/2021													
6/14/2021					1			1	1	1			
6/15/2021						1		1					"A" well #4 New Pump
6/16/2021								1	2	1			#5 Bleach flush
6/17/2021					1			1					
6/18/2021					1	1		1	1	1			
6/19/2021													
6/20/2021													
6/21/2021					1			1		1			
6/22/2021								1	1				
6/23/2021						1		1		1			
6/24/2021							1	1	1				Well #5 acid flush
6/25/2021					1	1		1		1			
6/26/2021													
6/27/2021													
6/28/2021					1			1	1				
6/29/2021						1		1					
6/30/2021								1		1			

Buffalo Color GWTF Weekly Process Assessment

		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					
Date	Assodate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Presure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks	Column1
4/2/2021	TW	47	46	33	24	43	30	18.9	31	26	28	24	7.8	19	18.9	32,592,562	20	24.1	664,352	25	3	10	1	3	y	33256914
4/9/2021	TW	46	46	33	21	41	28	18.6	30	24	26	23	7.65	18	18.6	32,667,746	18	20.2	671,144	21	3	8	1	2	y	33338890
4/16/2021	TW	46	42	33	17	38	30	19.8	33	28	30	27	7.83	21	19.8	32,729,546	21	17.3	677,475	17	4	9	1	2	y	33407021
4/23/2021	TW	45	44	32	18	40	29	20.2	32	27	29	26	7.58	20	20	32,806,758	20	21.2	685,218	20	4	10	2	3	y	33491976
4/29/2021	TW	46	45	33	26	40	28	19.5	31	26	28	24	7.53	19	19.4	32,873,332	21	23.6	691,490	24						33564822
5/7/2021	TW	46	43	33	24	38	27	18.6	30	24	25	23	7.81	17	18.6	32,946,372	18	21.3	698,266	24						33644638
5/14/2021	TW	46	43	33	19	39	26	18.8	30	24	25	22	7.56	17	18.8	33,010,174	17	18.7	705,260	20						33715434
5/21/2021	TW	46	43	33	20	30	25	18.4	28	23	25	22	7.55	17	18.3	33,083,512	18	22	711,365	20						33794877
5/27/2021	TW	46	45	33	15	41	28	19.1	30	26	27	24	7.65	18	19.1	33,147,222	10	18	717,624	17						33864846
6/4/2021	TW	46	46	33	21	42	25	17.9	28	22	24	22	7.66	16	17.8	33,213,684	16	22.5	723,591	22						33937275
6/14/2021	TW	47	45	33	22	40	29	16.6	23	20	22	18	7.52	13	16.6	33,305,180	15	22.1	726,755	23						34031935
6/18/2021	TW	47	46	33	25	40	12	15.8	17	14	17	16	7,62	12	17.1	33,348,194	15	23.6	731,079	26						34079273
6/25/2021	TW	47	46	33	23	42	17	15.9	22	18	20	18	7.35	12	15.8	33,421,074	13	23.7	739,302	25						34160376

October 29, 2021

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

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

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of July 1, 2021 through September 30, 2021. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

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

Sincerely,

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

cc: Richard Galloway — Honeywell
Eugene Melnyk — NYSDEC Region 9
John Yensan — South Buffalo Development, LLC

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

B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: July 1, 2021 through September 30, 2021

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

Total Flow Data by Month:

July 2021	363,590 gallons
August 2021	426,962 gallons
September 2021	322,492 gallons

Total Quarterly Discharge 1,119,333 gallons

Estimated Area D contribution this period:
6,289 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: 2021	Event Group: SUMP
Sample Date:	9/8/2021		Month: SEP	Lab Job ID: J189333-1
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	8.7	0.100	SU	8.70	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	2.5	2.0	mg/L	2.5	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.019	0.010	mg/L	0.002	lbs/day	1.67	lbs/day	Yes	20	0.019	Yes
Total Chromium	7440-47-3	0.003	0.0040	mg/L	0.0003	lbs/day	0.83	lbs/day	Yes	40	0.00	Yes
Total Copper	7440-50-8	0.0023	0.010	mg/L	0.000	lbs/day	0.67	lbs/day	Yes	16	0.0023	Yes
Lead	7439-92-1	0.0087	0.0050	mg/L	0.0009	lbs/day	0.541	lbs/day	Yes	65	0.0087	Yes
Total Mercury	7439-97-6	ND	0.00020	mg/L	ND	lbs/day	0.00033	lbs/day	Yes	0.0008	ND	Yes
Total Nickel	7440-02-0	0.0023	0.010	mg/L	0.0002	lbs/day	1.17	lbs/day	Yes	14	0.0023	Yes
Zinc	7440-66-6	0.0059	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.006	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	5.5	40	ug/L	0.565	lbs/day	50	lbs/day	Yes	0.01	0.0055	Yes
Benzene	71-43-2	6.9	5	ug/L	0.0007	lbs/day	0.059	lbs/day	Yes	0.142	0.007	Yes
Chlorobenzene	108-90-7	89	5	ug/L	0.0091	lbs/day	0.129	lbs/day	Yes	0.31	0.09	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	320	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	15.2	25	ug/L	0.015	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	34	4.0	mg/L	34.0	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	8.541918498	-	gpm	12,300	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	70,573,788	7/1/2021
Final Reading	71,693,121	9/30/2021
Total Days in Period	91	
Total Flow for Period	**1,119,333**	gallons
Average Flow for Period	**8.54**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

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

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

April 30, 2020

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

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

Dear Mr. Gabner:

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

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

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

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM

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

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

Areas A and D of the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, New York 14210

to the Buffalo Municipal Sewer System.

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

Effective this June 1, 2020

To Expire May 31, 2023

General Manager

Signed this 30th **day of** April **, 20** 20

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

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

Sample		Discharge Limitations		Sampling Requirements	
Point	**Parameter**	**Daily Max**	**MAID*** (mg/L)	**Type**	**Frequency**
001	pH[1]	5.0 - 12.0 SU		Probe	**Quarterly**
	Total Flow	50,000 gals		Flow Meter[2]	**Continuous**
	BOD_5	250 mg/L [3]		Composite [4]	**Quarterly**
	Total Suspended Solids	250 mg/L [3]		Composite	**Quarterly**
	Total Phosphate	15.35 mg/L[3]		Composite	**Quarterly**
	Total Phenol[5]	1.67 lbs	20.0	Composite	**Quarterly**
	Amenable Cyanide	2.59 lbs	6.2	Grab [7]	**Quarterly**
	Total Mercury	0.00033 lbs	0.0008	Composite	**Quarterly**
	Total Nickel	1.17 lbs	14.0	Composite	**Quarterly**
	Total Copper	0.67 lbs	16.0	Composite	**Quarterly**
	Total Chromium	0.83 lbs	40.0	Composite	**Quarterly**
	Lead	0.541 lbs	65.0	Composite	**Quarterly**
	Zinc	2.046 lbs	25.0	Composite	**Quarterly**
	Purgeables-EPA Test Methods 624	[6]		Grab[7]	**Quarterly**
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	[8]		Grab	**Quarterly**
	EPA Test Method 608	[9]		Grab	**Quarterly**
	Aniline	50.0 lbs	0.00	Grab	**Quarterly**
	Benzene	0.059 lbs	0.142 mg/L	Grab	**Quarterly**
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	**Quarterly**
	1, 2-Dichlorbenzene	0.197 lbs.	0.472 mg/L	Grab	**Quarterly**
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	**Quarterly**
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

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

* Each reporting dated is for samples collected during the previous quarter.
** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

(1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.

(2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more that 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.

(3) Surchargeable limit only.

(4) Composite samples may be flow proportioned.

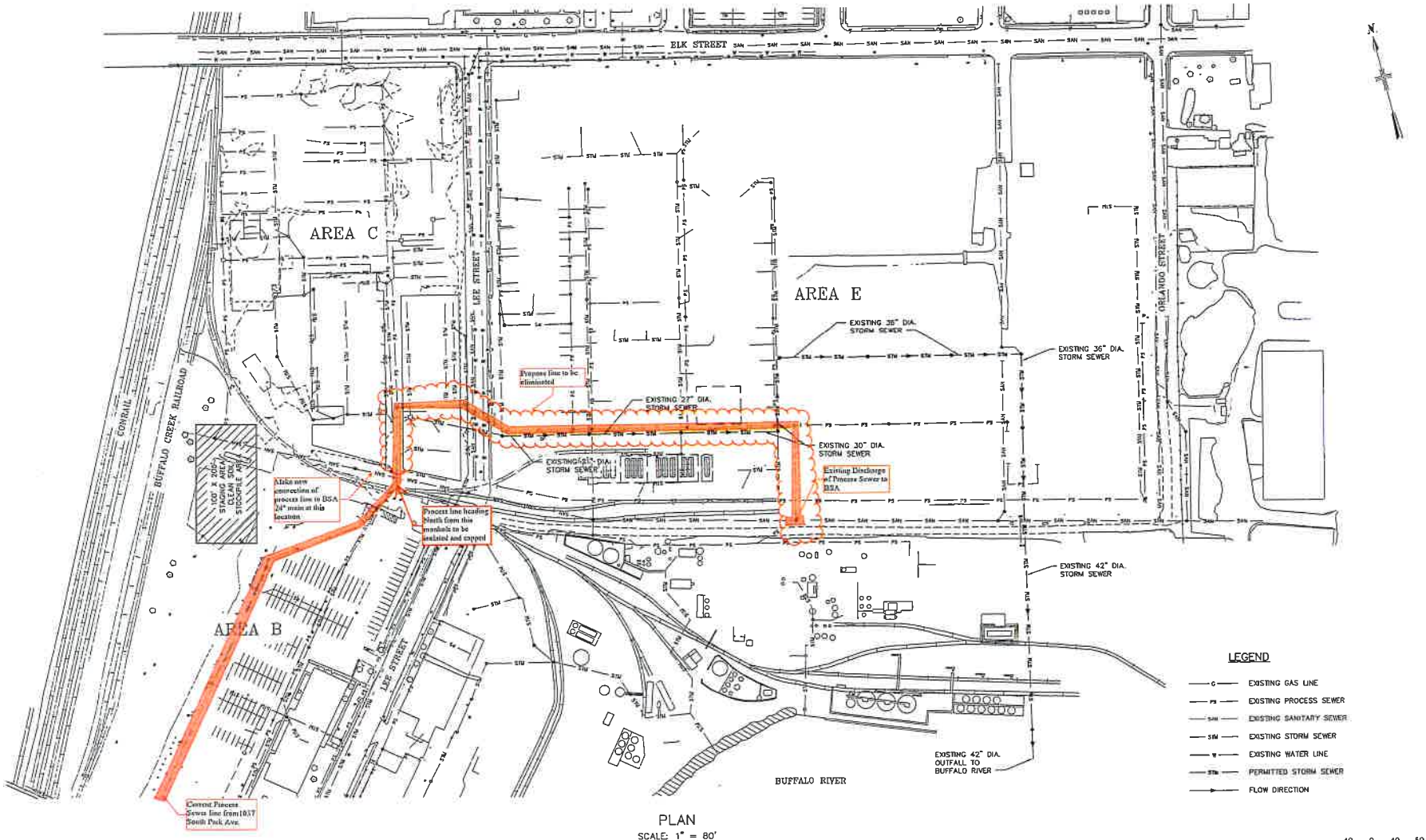
(5) EPA Test Method 604.

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

(7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.

(8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater that 0.01 mg/L.

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



PLAN
SCALE: 1" = 80'

SCALE: 1" = 80'

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES CMC
DWN MAW
CKD TAW

ONTARIO SPECIALTY CONTRACTORS
HONEYWELL/ FORMER BUFFALO COLOR FACILITY
BUFFALO, NEW YORK

AREA C DRAINAGE DESIGN

EXISTING SITE PLAN

SCALE: 1" = 80'

DATE FEBRUARY 2011
G SHEET 1 OF 3
CAD REF. NO. 6927G001

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

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

4. Notification of Slug, Accidental Discharge or Spill

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

5. Noncompliance Notification

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

a. a description of the discharge and cause of noncompliance and;

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:

(i) A description of the upset, its cause(s) and impact on the discharger's compliance status;

(ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;

(iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any

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

10. Treatment Bypasses

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

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

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

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

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

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

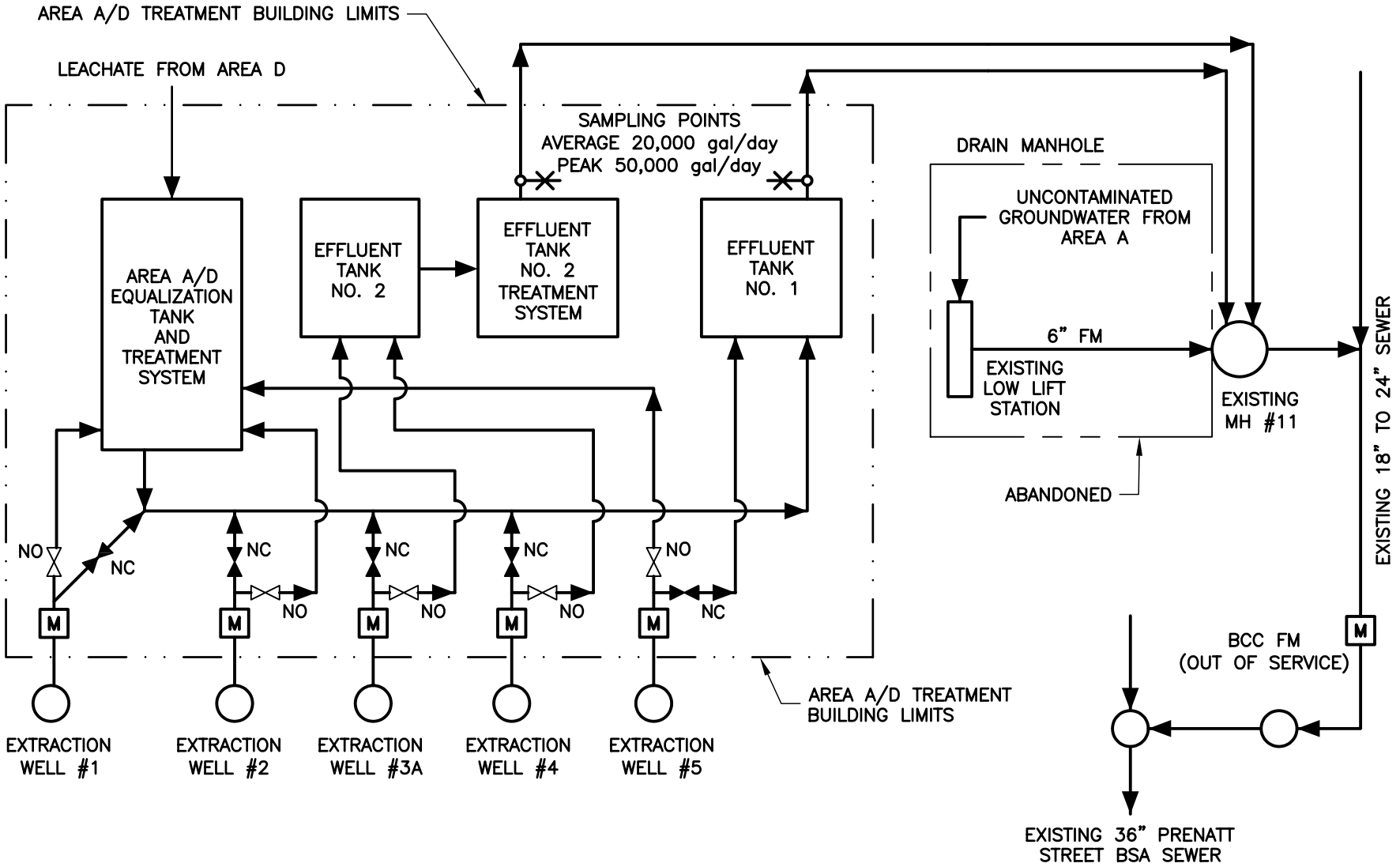
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY

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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-189333-1
Client Project/Site: Buffalo Color GWTF SUMP
Sampling Event: Buffalo Color - Quarterly Sump

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

Attn: Kirsten Colligan

Authorized for release by:
9/22/2021 12:22:04 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-189333-1
Project/Site: Buffalo Color GWTF 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
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low 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
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Case Narrative

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

Job ID: 480-189333-1

Job ID: 480-189333-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-189333-1

Comments
No additional comments.

Receipt
The samples were received on 9/8/2021 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 7.2º C.

GC/MS VOA
Method 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC BSA SUMP_0921 (480-189333-1). Elevated reporting limits (RLs) are provided.

Method 624.1: The following Volatile sample(s) was composited by the laboratory on 9/9/21 as requested by the client: BCC BSA SUMP_0921 (480-189333-1). Regulatory defined guidance for in-laboratory compositing of samples, is currently not available. Laboratory sample compositing was performed using established project specifications and/or laboratory standard operating procedures.

Method 624.1: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): BCC BSA SUMP_0921 (480-189333-1).

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

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

GC Semi VOA
Method 608.3: Surrogate recovery for the following sample was outside control limits: BCC BSA SUMP_0921 (480-189333-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

General Chemistry
Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP_0921 (480-189333-1).

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-595847.

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

Detection Summary

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

Job ID: 480-189333-1

Client Sample ID: BCC BSA SUMP_0921 — Lab Sample ID: 480-189333-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Dichlorobenzene	1.1	J	5.0	0.54	ug/L	1		624.1	Total/NA
1,4-Dichlorobenzene	7.2		5.0	0.51	ug/L	1		624.1	Total/NA
Benzene	6.9		5.0	0.60	ug/L	1		624.1	Total/NA
Chlorobenzene - DL	89		10	0.95	ug/L	2		624.1	Total/NA
1,3-Dichlorobenzene	0.88	J	40	0.69	ug/L	1		625.1	Total/NA
1,4-Dichlorobenzene	1.9	J	40	0.82	ug/L	1		625.1	Total/NA
2-Chlorophenol	1.7	J	20	0.66	ug/L	1		625.1	Total/NA
Aniline	5.5	J	40	1.5	ug/L	1		625.1	Total/NA
Bis(2-ethylhexyl) phthalate	1.2	J B	40	1.2	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	1.6	J	20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0030	J	0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Copper	0.0023	J	0.010	0.0016	mg/L	1		200.7 Rev 4.4	Total/NA
Lead	0.0087	J	0.010	0.0030	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0023	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0059	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.019		0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	34.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA
pH	8.7	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.6	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.24		0.050	0.025	mg/L as P	5		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	2.5		2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-189333-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-189333-1

Client Sample ID: BCC BSA SUMP_0921
Date Collected: 09/08/21 13:30
Date Received: 09/08/21 15:45

Lab Sample ID: 480-189333-1
Matrix: Water

Method: 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			09/09/21 21:52	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/09/21 21:52	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/09/21 21:52	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/09/21 21:52	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/09/21 21:52	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/09/21 21:52	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/09/21 21:52	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/09/21 21:52	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/09/21 21:52	1
1,3-Dichlorobenzene	**1.1**	**J**	5.0	0.54	ug/L			09/09/21 21:52	1
1,4-Dichlorobenzene	**7.2**		5.0	0.51	ug/L			09/09/21 21:52	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/09/21 21:52	1
Acrolein	ND		100	17	ug/L			09/09/21 21:52	1
Acrylonitrile	ND		50	1.9	ug/L			09/09/21 21:52	1
Benzene	**6.9**		5.0	0.60	ug/L			09/09/21 21:52	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/09/21 21:52	1
Bromoform	ND		5.0	0.47	ug/L			09/09/21 21:52	1
Bromomethane	ND		5.0	1.2	ug/L			09/09/21 21:52	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/09/21 21:52	1
Chloroethane	ND		5.0	0.87	ug/L			09/09/21 21:52	1
Chloroform	ND		5.0	0.54	ug/L			09/09/21 21:52	1
Chloromethane	ND		5.0	0.64	ug/L			09/09/21 21:52	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/09/21 21:52	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/09/21 21:52	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/09/21 21:52	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/09/21 21:52	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/09/21 21:52	1
Toluene	ND		5.0	0.45	ug/L			09/09/21 21:52	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/09/21 21:52	1
Trichloroethene	ND		5.0	0.60	ug/L			09/09/21 21:52	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/09/21 21:52	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/09/21 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*09/09/21 21:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*09/09/21 21:52*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*09/09/21 21:52*	*1*
Toluene-d8 (Surr)	*102*		*77 - 120*		*09/09/21 21:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**89**		10	0.95	ug/L			09/10/21 14:25	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*		*09/10/21 14:25*	*2*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*09/10/21 14:25*	*2*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*09/10/21 14:25*	*2*
Toluene-d8 (Surr)	*103*		*77 - 120*		*09/10/21 14:25*	*2*

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

Job ID: 480-189333-1

Client Sample ID: BCC BSA SUMP_0921
Date Collected: 09/08/21 13:30
Date Received: 09/08/21 15:45

Lab Sample ID: 480-189333-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		09/13/21 07:01	09/19/21 06:20	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		09/13/21 07:01	09/19/21 06:20	1
1,3-Dichlorobenzene	**0.88**	**J**	40	0.69	ug/L		09/13/21 07:01	09/19/21 06:20	1
1,4-Dichlorobenzene	**1.9**	**J**	40	0.82	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 06:20	1
2-Chloronaphthalene	ND		20	0.91	ug/L		09/13/21 07:01	09/19/21 06:20	1
2-Chlorophenol	**1.7**	**J**	20	0.66	ug/L		09/13/21 07:01	09/19/21 06:20	1
2-Nitrophenol	ND		20	0.70	ug/L		09/13/21 07:01	09/19/21 06:20	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 06:20	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		09/13/21 07:01	09/19/21 06:20	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 06:20	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		09/13/21 07:01	09/19/21 06:20	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		09/13/21 07:01	09/19/21 06:20	1
4-Nitrophenol	ND		40	1.9	ug/L		09/13/21 07:01	09/19/21 06:20	1
Acenaphthene	ND		20	0.81	ug/L		09/13/21 07:01	09/19/21 06:20	1
Acenaphthylene	ND		20	0.87	ug/L		09/13/21 07:01	09/19/21 06:20	1
Aniline	**5.5**	**J**	40	1.5	ug/L		09/13/21 07:01	09/19/21 06:20	1
Anthracene	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 06:20	1
Benzidine	ND		320	54	ug/L		09/13/21 07:01	09/19/21 06:20	1
Benzo[a]anthracene	ND		20	1.1	ug/L		09/13/21 07:01	09/19/21 06:20	1
Benzo[a]pyrene	ND		20	1.3	ug/L		09/13/21 07:01	09/19/21 06:20	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		09/13/21 07:01	09/19/21 06:20	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		09/13/21 07:01	09/19/21 06:20	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		09/13/21 07:01	09/19/21 06:20	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		09/13/21 07:01	09/19/21 06:20	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		09/13/21 07:01	09/19/21 06:20	1
Bis(2-ethylhexyl) phthalate	**1.2**	**J B**	40	1.2	ug/L		09/13/21 07:01	09/19/21 06:20	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		09/13/21 07:01	09/19/21 06:20	1
Chrysene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		09/13/21 07:01	09/19/21 06:20	1
Diethyl phthalate	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
Dimethyl phthalate	ND		20	0.91	ug/L		09/13/21 07:01	09/19/21 06:20	1
Di-n-butyl phthalate	**1.6**	**J**	20	1.6	ug/L		09/13/21 07:01	09/19/21 06:20	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		09/13/21 07:01	09/19/21 06:20	1
Fluoranthene	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 06:20	1
Fluorene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
Hexachlorobenzene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
Hexachlorobutadiene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		09/13/21 07:01	09/19/21 06:20	1
Hexachloroethane	ND		20	0.60	ug/L		09/13/21 07:01	09/19/21 06:20	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		09/13/21 07:01	09/19/21 06:20	1
Isophorone	ND		20	0.74	ug/L		09/13/21 07:01	09/19/21 06:20	1
Naphthalene	ND		20	0.86	ug/L		09/13/21 07:01	09/19/21 06:20	1

Client Sample ID: BCC BSA SUMP_0921
Date Collected: 09/08/21 13:30
Date Received: 09/08/21 15:45

Lab Sample ID: 480-189333-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Decane	ND		40	1.6	ug/L		09/13/21 07:01	09/19/21 06:20	1
Nitrobenzene	ND		20	0.81	ug/L		09/13/21 07:01	09/19/21 06:20	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		09/13/21 07:01	09/19/21 06:20	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		09/13/21 07:01	09/19/21 06:20	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		09/13/21 07:01	09/19/21 06:20	1
n-Octadecane	ND		40	1.2	ug/L		09/13/21 07:01	09/19/21 06:20	1
Pentachlorophenol	ND		40	3.2	ug/L		09/13/21 07:01	09/19/21 06:20	1
Phenanthrene	ND		20	1.2	ug/L		09/13/21 07:01	09/19/21 06:20	1
Phenol	ND		20	0.35	ug/L		09/13/21 07:01	09/19/21 06:20	1
Pyrene	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 06:20	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 151*	*09/13/21 07:01*	*09/19/21 06:20*	*1*
2-Fluorobiphenyl	*99*		*44 - 120*	*09/13/21 07:01*	*09/19/21 06:20*	*1*
2-Fluorophenol	*72*		*17 - 120*	*09/13/21 07:01*	*09/19/21 06:20*	*1*
Nitrobenzene-d5	*88*		*15 - 314*	*09/13/21 07:01*	*09/19/21 06:20*	*1*
Phenol-d5	*55*		*8 - 424*	*09/13/21 07:01*	*09/19/21 06:20*	*1*
p-Terphenyl-d14	*93*		*22 - 125*	*09/13/21 07:01*	*09/19/21 06:20*	*1*

Method: 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		09/10/21 08:47	09/12/21 19:42	1
PCB-1221	ND		0.058	0.037	ug/L		09/10/21 08:47	09/12/21 19:42	1
PCB-1232	ND		0.058	0.037	ug/L		09/10/21 08:47	09/12/21 19:42	1
PCB-1242	ND		0.058	0.037	ug/L		09/10/21 08:47	09/12/21 19:42	1
PCB-1248	ND		0.058	0.037	ug/L		09/10/21 08:47	09/12/21 19:42	1
PCB-1254	ND		0.058	0.030	ug/L		09/10/21 08:47	09/12/21 19:42	1
PCB-1260	ND		0.058	0.030	ug/L		09/10/21 08:47	09/12/21 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*	*S1-*	*36 - 121*	*09/10/21 08:47*	*09/12/21 19:42*	*1*
Tetrachloro-m-xylene	*84*		*42 - 135*	*09/10/21 08:47*	*09/12/21 19:42*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0030**	**J**	0.0040	0.0010	mg/L		09/12/21 12:53	09/15/21 22:11	1
Copper	**0.0023**	**J**	0.010	0.0016	mg/L		09/12/21 12:53	09/15/21 22:11	1
Lead	**0.0087**	**J**	0.010	0.0030	mg/L		09/12/21 12:53	09/15/21 22:11	1
Nickel	**0.0023**	**J**	0.010	0.0013	mg/L		09/12/21 12:53	09/15/21 22:11	1
Zinc	**0.0059**	**J**	0.010	0.0015	mg/L		09/21/21 11:35	09/22/21 02:06	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/10/21 13:00	09/10/21 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.019**		0.010	0.0035	mg/L			09/13/21 11:47	1
Cyanide, Amenable	ND		0.010	0.0050	mg/L			09/13/21 18:00	1
Phosphorus	**0.24**		0.050	0.025	mg/L as P			09/20/21 13:25	5

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

Job ID: 480-189333-1

Client Sample ID: BCC BSA SUMP_0921
Date Collected: 09/08/21 13:30
Date Received: 09/08/21 15:45

Lab Sample ID: 480-189333-1
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.5		2.0	2.0	mg/L			09/10/21 09:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	34.0		4.0	4.0	mg/L			09/11/21 13:13	1
pH	8.7	HF	0.1	0.1	SU			09/10/21 12:39	1
Temperature	18.6	HF	0.001	0.001	Degrees C			09/10/21 12:39	1

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

Job ID: 480-189333-1

Client Sample ID: TRIP BLANK
Date Collected: 09/08/21 00:00
Date Received: 09/08/21 15:45

Lab Sample ID: 480-189333-2
Matrix: Water

Method: 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			09/09/21 22:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/09/21 22:15	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/09/21 22:15	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/09/21 22:15	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/09/21 22:15	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/09/21 22:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/09/21 22:15	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/09/21 22:15	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/09/21 22:15	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/09/21 22:15	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/09/21 22:15	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/09/21 22:15	1
Acrolein	ND		100	17	ug/L			09/09/21 22:15	1
Acrylonitrile	ND		50	1.9	ug/L			09/09/21 22:15	1
Benzene	ND		5.0	0.60	ug/L			09/09/21 22:15	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/09/21 22:15	1
Bromoform	ND		5.0	0.47	ug/L			09/09/21 22:15	1
Bromomethane	ND		5.0	1.2	ug/L			09/09/21 22:15	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/09/21 22:15	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/09/21 22:15	1
Chloroethane	ND		5.0	0.87	ug/L			09/09/21 22:15	1
Chloroform	ND		5.0	0.54	ug/L			09/09/21 22:15	1
Chloromethane	ND		5.0	0.64	ug/L			09/09/21 22:15	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/09/21 22:15	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/09/21 22:15	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/09/21 22:15	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/09/21 22:15	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/09/21 22:15	1
Toluene	ND		5.0	0.45	ug/L			09/09/21 22:15	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/09/21 22:15	1
Trichloroethene	ND		5.0	0.60	ug/L			09/09/21 22:15	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/09/21 22:15	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/09/21 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*68 - 130*		*09/09/21 22:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*09/09/21 22:15*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*09/09/21 22:15*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*09/09/21 22:15*	*1*

Surrogate Summary

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

Job ID: 480-189333-1

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)
480-189333-1	BCC BSA SUMP_0921	101	102	99	102
480-189333-1 - DL	BCC BSA SUMP_0921	98	101	96	103
480-189333-2	TRIP BLANK	105	100	99	103
LCS 480-595757/5	Lab Control Sample	98	100	103	102
LCS 480-595857/6	Lab Control Sample	97	102	97	102
MB 480-595757/7	Method Blank	100	100	98	101
MB 480-595857/8	Method Blank	99	101	101	103

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(52-151)	(44-120)	(17-120)	(15-314)	(8-424)	(22-125)
480-189333-1	BCC BSA SUMP_0921	99	99	72	88	55	93
LCS 480-596043/2-A	Lab Control Sample	104	100	76	104	60	100
MB 480-596043/1-A	Method Blank	94	102	76	92	60	109

Surrogate Legend

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

Method: 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	(36-121)	(42-135)
480-189333-1	BCC BSA SUMP_0921	31 S1-	84
LCS 480-595847/2-A	Lab Control Sample	61	85
LCSD 480-595847/3-A	Lab Control Sample Dup	59	81
MB 480-595847/1-A	Method Blank	59	88

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-595757/7
Matrix: Water
Analysis Batch: 595757

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			09/09/21 16:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/09/21 16:11	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/09/21 16:11	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/09/21 16:11	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/09/21 16:11	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/09/21 16:11	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/09/21 16:11	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/09/21 16:11	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/09/21 16:11	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			09/09/21 16:11	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/09/21 16:11	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/09/21 16:11	1
Acrolein	ND		100	17	ug/L			09/09/21 16:11	1
Acrylonitrile	ND		50	1.9	ug/L			09/09/21 16:11	1
Benzene	ND		5.0	0.60	ug/L			09/09/21 16:11	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/09/21 16:11	1
Bromoform	ND		5.0	0.47	ug/L			09/09/21 16:11	1
Bromomethane	ND		5.0	1.2	ug/L			09/09/21 16:11	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/09/21 16:11	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/09/21 16:11	1
Chloroethane	ND		5.0	0.87	ug/L			09/09/21 16:11	1
Chloroform	ND		5.0	0.54	ug/L			09/09/21 16:11	1
Chloromethane	ND		5.0	0.64	ug/L			09/09/21 16:11	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/09/21 16:11	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/09/21 16:11	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/09/21 16:11	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/09/21 16:11	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/09/21 16:11	1
Toluene	ND		5.0	0.45	ug/L			09/09/21 16:11	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/09/21 16:11	1
Trichloroethene	ND		5.0	0.60	ug/L			09/09/21 16:11	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/09/21 16:11	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/09/21 16:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*09/09/21 16:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*09/09/21 16:11*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*09/09/21 16:11*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*09/09/21 16:11*	*1*

Lab Sample ID: LCS 480-595757/5
Matrix: Water
Analysis Batch: 595757

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	21.5		ug/L		108	46 - 157
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	52 - 150

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

Lab Sample ID: LCS 480-595757/5
Matrix: Water
Analysis Batch: 595757

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	20.2		ug/L		101	59 - 155
1,1-Dichloroethene	20.0	18.7		ug/L		94	1 - 234
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	18 - 190
1,2-Dichloroethane	20.0	20.1		ug/L		101	49 - 155
1,2-Dichloropropane	20.0	20.6		ug/L		103	1 - 210
1,3-Dichlorobenzene	20.0	20.1		ug/L		100	59 - 156
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	18 - 190
2-Chloroethyl vinyl ether	20.0	19.6	J	ug/L		98	1 - 305
Benzene	20.0	20.0		ug/L		100	37 - 151
Bromodichloromethane	20.0	20.5		ug/L		102	35 - 155
Bromoform	20.0	23.3		ug/L		116	45 - 169
Bromomethane	20.0	21.6		ug/L		108	1 - 242
Carbon tetrachloride	20.0	20.2		ug/L		101	70 - 140
Chlorobenzene	20.0	19.7		ug/L		99	37 - 160
Chloroethane	20.0	20.5		ug/L		102	14 - 230
Chloroform	20.0	19.7		ug/L		98	51 - 138
Chloromethane	20.0	21.9		ug/L		109	1 - 273
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	1 - 227
Dibromochloromethane	20.0	22.0		ug/L		110	53 - 149
Ethylbenzene	20.0	19.8		ug/L		99	37 - 162
Methylene Chloride	20.0	21.0		ug/L		105	1 - 221
Tetrachloroethene	20.0	18.3		ug/L		91	64 - 148
Toluene	20.0	19.8		ug/L		99	47 - 150
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	17 - 183
Trichloroethene	20.0	18.9		ug/L		94	71 - 157
Trichlorofluoromethane	20.0	20.9		ug/L		105	17 - 181
Vinyl chloride	20.0	21.5		ug/L		108	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*
Dibromofluoromethane (Surr)	*103*		*75 - 123*
Toluene-d8 (Surr)	*102*		*77 - 120*

Lab Sample ID: MB 480-595857/8
Matrix: Water
Analysis Batch: 595857

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			09/10/21 13:57	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			09/10/21 13:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			09/10/21 13:57	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			09/10/21 13:57	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			09/10/21 13:57	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			09/10/21 13:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			09/10/21 13:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			09/10/21 13:57	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			09/10/21 13:57	1

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

Lab Sample ID: MB 480-595857/8
Matrix: Water
Analysis Batch: 595857

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			09/10/21 13:57	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			09/10/21 13:57	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			09/10/21 13:57	1
Acrolein	ND		100	17	ug/L			09/10/21 13:57	1
Acrylonitrile	ND		50	1.9	ug/L			09/10/21 13:57	1
Benzene	ND		5.0	0.60	ug/L			09/10/21 13:57	1
Bromodichloromethane	ND		5.0	0.54	ug/L			09/10/21 13:57	1
Bromoform	ND		5.0	0.47	ug/L			09/10/21 13:57	1
Bromomethane	ND		5.0	1.2	ug/L			09/10/21 13:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			09/10/21 13:57	1
Chlorobenzene	ND		5.0	0.48	ug/L			09/10/21 13:57	1
Chloroethane	ND		5.0	0.87	ug/L			09/10/21 13:57	1
Chloroform	ND		5.0	0.54	ug/L			09/10/21 13:57	1
Chloromethane	ND		5.0	0.64	ug/L			09/10/21 13:57	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			09/10/21 13:57	1
Dibromochloromethane	ND		5.0	0.41	ug/L			09/10/21 13:57	1
Ethylbenzene	ND		5.0	0.46	ug/L			09/10/21 13:57	1
Methylene Chloride	ND		5.0	0.81	ug/L			09/10/21 13:57	1
Tetrachloroethene	ND		5.0	0.34	ug/L			09/10/21 13:57	1
Toluene	ND		5.0	0.45	ug/L			09/10/21 13:57	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			09/10/21 13:57	1
Trichloroethene	ND		5.0	0.60	ug/L			09/10/21 13:57	1
Trichlorofluoromethane	ND		5.0	0.45	ug/L			09/10/21 13:57	1
Vinyl chloride	ND		5.0	0.75	ug/L			09/10/21 13:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*09/10/21 13:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*09/10/21 13:57*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*09/10/21 13:57*	*1*
Toluene-d8 (Surr)	*103*		*77 - 120*		*09/10/21 13:57*	*1*

Lab Sample ID: LCS 480-595857/6
Matrix: Water
Analysis Batch: 595857

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	20.7		ug/L		103	52 - 162
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		94	46 - 157
1,1,2-Trichloroethane	20.0	20.9		ug/L		104	52 - 150
1,1-Dichloroethane	20.0	20.9		ug/L		105	59 - 155
1,1-Dichloroethene	20.0	20.7		ug/L		104	1 - 234
1,2-Dichlorobenzene	20.0	21.3		ug/L		106	18 - 190
1,2-Dichloroethane	20.0	20.1		ug/L		101	49 - 155
1,2-Dichloropropane	20.0	21.6		ug/L		108	1 - 210
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	59 - 156
1,4-Dichlorobenzene	20.0	21.1		ug/L		105	18 - 190
2-Chloroethyl vinyl ether	20.0	20.9	J	ug/L		104	1 - 305
Benzene	20.0	21.2		ug/L		106	37 - 151

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

Lab Sample ID: LCS 480-595857/6
Matrix: Water
Analysis Batch: 595857

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	20.0	21.0		ug/L		105	35 - 155
Bromoform	20.0	22.7		ug/L		113	45 - 169
Bromomethane	20.0	21.2		ug/L		106	1 - 242
Carbon tetrachloride	20.0	21.3		ug/L		106	70 - 140
Chlorobenzene	20.0	20.7		ug/L		104	37 - 160
Chloroethane	20.0	22.7		ug/L		114	14 - 230
Chloroform	20.0	20.3		ug/L		101	51 - 138
Chloromethane	20.0	21.7		ug/L		108	1 - 273
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	1 - 227
Dibromochloromethane	20.0	22.5		ug/L		112	53 - 149
Ethylbenzene	20.0	21.2		ug/L		106	37 - 162
Methylene Chloride	20.0	21.7		ug/L		108	1 - 221
Tetrachloroethene	20.0	20.0		ug/L		100	64 - 148
Toluene	20.0	20.9		ug/L		104	47 - 150
trans-1,3-Dichloropropene	20.0	20.1		ug/L		101	17 - 183
Trichloroethene	20.0	21.3		ug/L		106	71 - 157
Trichlorofluoromethane	20.0	20.2		ug/L		101	17 - 181
Vinyl chloride	20.0	20.4		ug/L		102	1 - 251

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 130*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*
Dibromofluoromethane (Surr)	*97*		*75 - 123*
Toluene-d8 (Surr)	*102*		*77 - 120*

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

Lab Sample ID: MB 480-596043/1-A
Matrix: Water
Analysis Batch: 596866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		09/13/21 07:01	09/19/21 04:06	1
1,2-Dichlorobenzene	ND		40	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		09/13/21 07:01	09/19/21 04:06	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		09/13/21 07:01	09/19/21 04:06	1
1,4-Dichlorobenzene	ND		40	0.82	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,2'-oxybis[1-chloropropane]	ND		20	0.84	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,4-Dinitrotoluene	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 04:06	1
2-Chloronaphthalene	ND		20	0.91	ug/L		09/13/21 07:01	09/19/21 04:06	1
2-Chlorophenol	ND		20	0.66	ug/L		09/13/21 07:01	09/19/21 04:06	1
2-Nitrophenol	ND		20	0.70	ug/L		09/13/21 07:01	09/19/21 04:06	1
3,3'-Dichlorobenzidine	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 04:06	1
4,6-Dinitro-2-methylphenol	ND		40	1.8	ug/L		09/13/21 07:01	09/19/21 04:06	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 04:06	1

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

Lab Sample ID: MB 480-596043/1-A
Matrix: Water
Analysis Batch: 596866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		09/13/21 07:01	09/19/21 04:06	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		09/13/21 07:01	09/19/21 04:06	1
4-Nitrophenol	ND		40	1.9	ug/L		09/13/21 07:01	09/19/21 04:06	1
Acenaphthene	ND		20	0.81	ug/L		09/13/21 07:01	09/19/21 04:06	1
Acenaphthylene	ND		20	0.87	ug/L		09/13/21 07:01	09/19/21 04:06	1
Aniline	ND		40	1.5	ug/L		09/13/21 07:01	09/19/21 04:06	1
Anthracene	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 04:06	1
Benzidine	ND		320	54	ug/L		09/13/21 07:01	09/19/21 04:06	1
Benzo[a]anthracene	ND		20	1.1	ug/L		09/13/21 07:01	09/19/21 04:06	1
Benzo[a]pyrene	ND		20	1.3	ug/L		09/13/21 07:01	09/19/21 04:06	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		09/13/21 07:01	09/19/21 04:06	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		09/13/21 07:01	09/19/21 04:06	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		09/13/21 07:01	09/19/21 04:06	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		09/13/21 07:01	09/19/21 04:06	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		09/13/21 07:01	09/19/21 04:06	1
Bis(2-ethylhexyl) phthalate	1.67	J	40	1.2	ug/L		09/13/21 07:01	09/19/21 04:06	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		09/13/21 07:01	09/19/21 04:06	1
Chrysene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		09/13/21 07:01	09/19/21 04:06	1
Diethyl phthalate	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
Dimethyl phthalate	ND		20	0.91	ug/L		09/13/21 07:01	09/19/21 04:06	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 04:06	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		09/13/21 07:01	09/19/21 04:06	1
Fluoranthene	ND		20	1.6	ug/L		09/13/21 07:01	09/19/21 04:06	1
Fluorene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
Hexachlorobenzene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
Hexachlorobutadiene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1
Hexachlorocyclopentadiene	ND		20	2.1	ug/L		09/13/21 07:01	09/19/21 04:06	1
Hexachloroethane	ND		20	0.60	ug/L		09/13/21 07:01	09/19/21 04:06	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		09/13/21 07:01	09/19/21 04:06	1
Isophorone	ND		20	0.74	ug/L		09/13/21 07:01	09/19/21 04:06	1
Naphthalene	ND		20	0.86	ug/L		09/13/21 07:01	09/19/21 04:06	1
Decane	ND		40	1.6	ug/L		09/13/21 07:01	09/19/21 04:06	1
Nitrobenzene	ND		20	0.81	ug/L		09/13/21 07:01	09/19/21 04:06	1
N-Nitrosodimethylamine	ND		40	0.57	ug/L		09/13/21 07:01	09/19/21 04:06	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		09/13/21 07:01	09/19/21 04:06	1
N-Nitrosodiphenylamine	ND		20	0.82	ug/L		09/13/21 07:01	09/19/21 04:06	1
n-Octadecane	ND		40	1.2	ug/L		09/13/21 07:01	09/19/21 04:06	1
Pentachlorophenol	ND		40	3.2	ug/L		09/13/21 07:01	09/19/21 04:06	1
Phenanthrene	ND		20	1.2	ug/L		09/13/21 07:01	09/19/21 04:06	1
Phenol	ND		20	0.35	ug/L		09/13/21 07:01	09/19/21 04:06	1
Pyrene	ND		20	1.4	ug/L		09/13/21 07:01	09/19/21 04:06	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		09/13/21 07:01	09/19/21 04:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 151*	*09/13/21 07:01*	*09/19/21 04:06*	*1*
2-Fluorobiphenyl	*102*		*44 - 120*	*09/13/21 07:01*	*09/19/21 04:06*	*1*
2-Fluorophenol	*76*		*17 - 120*	*09/13/21 07:01*	*09/19/21 04:06*	*1*

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

Lab Sample ID: MB 480-596043/1-A
Matrix: Water
Analysis Batch: 596866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596043

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	*92*		*15 - 314*	*09/13/21 07:01*	*09/19/21 04:06*	*1*
Phenol-d5	*60*		*8 - 424*	*09/13/21 07:01*	*09/19/21 04:06*	*1*
p-Terphenyl-d14	*109*		*22 - 125*	*09/13/21 07:01*	*09/19/21 04:06*	*1*

Lab Sample ID: LCS 480-596043/2-A
Matrix: Water
Analysis Batch: 596866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	26.8	J	ug/L		84	44 - 142
1,2-Dichlorobenzene	32.0	27.1	J	ug/L		85	32 - 129
1,3-Dichlorobenzene	32.0	26.8	J	ug/L		84	1 - 172
1,4-Dichlorobenzene	32.0	26.8	J	ug/L		84	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	29.9		ug/L		93	36 - 166
2,4,6-Trichlorophenol	32.0	32.2		ug/L		101	37 - 144
2,4-Dichlorophenol	32.0	32.8		ug/L		103	39 - 135
2,4-Dimethylphenol	32.0	33.8		ug/L		106	32 - 120
2,4-Dinitrophenol	64.0	68.4		ug/L		107	1 - 191
2,4-Dinitrotoluene	32.0	34.6		ug/L		108	39 - 139
2-Chloronaphthalene	32.0	30.5		ug/L		95	60 - 120
2-Chlorophenol	32.0	31.3		ug/L		98	23 - 134
2-Nitrophenol	32.0	32.6		ug/L		102	29 - 182
3,3'-Dichlorobenzidine	64.0	68.2		ug/L		107	1 - 262
4,6-Dinitro-2-methylphenol	64.0	74.5		ug/L		116	1 - 181
4-Bromophenyl phenyl ether	32.0	31.6		ug/L		99	53 - 127
4-Chloro-3-methylphenol	32.0	35.7		ug/L		111	22 - 147
4-Chlorophenyl phenyl ether	32.0	32.3		ug/L		101	25 - 158
4-Nitrophenol	64.0	52.5		ug/L		82	1 - 132
Acenaphthene	32.0	32.0		ug/L		100	47 - 145
Acenaphthylene	32.0	34.4		ug/L		107	33 - 145
Aniline	32.0	21.8	J	ug/L		68	40 - 120
Anthracene	32.0	34.6		ug/L		108	27 - 133
Benzo[a]anthracene	32.0	34.3		ug/L		107	33 - 143
Benzo[a]pyrene	32.0	30.9		ug/L		96	17 - 163
Benzo[b]fluoranthene	32.0	32.7		ug/L		102	24 - 159
Benzo[g,h,i]perylene	32.0	31.2		ug/L		98	1 - 219
Benzo[k]fluoranthene	32.0	31.2		ug/L		98	11 - 162
Bis(2-chloroethoxy)methane	32.0	32.7		ug/L		102	33 - 184
Bis(2-chloroethyl)ether	32.0	32.6		ug/L		102	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	33.0	J	ug/L		103	8 - 158
Butyl benzyl phthalate	32.0	35.5		ug/L		111	1 - 152
Chrysene	32.0	33.2		ug/L		104	17 - 168
Dibenz(a,h)anthracene	32.0	31.7		ug/L		99	1 - 227
Diethyl phthalate	32.0	34.6		ug/L		108	1 - 120
Dimethyl phthalate	32.0	34.8		ug/L		109	1 - 120
Di-n-butyl phthalate	32.0	36.4		ug/L		114	1 - 120
Di-n-octyl phthalate	32.0	32.2		ug/L		101	4 - 146
Fluoranthene	32.0	37.1		ug/L		116	26 - 137

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

Lab Sample ID: LCS 480-596043/2-A
Matrix: Water
Analysis Batch: 596866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluorene	32.0	34.6		ug/L		108	59 - 121
Hexachlorobenzene	32.0	33.1		ug/L		103	1 - 152
Hexachlorocyclopentadiene	32.0	21.7		ug/L		68	5 - 120
Hexachloroethane	32.0	25.7		ug/L		80	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.7		ug/L		96	1 - 171
Isophorone	32.0	34.0		ug/L		106	21 - 196
Naphthalene	32.0	30.9		ug/L		97	21 - 133
Nitrobenzene	32.0	32.8		ug/L		103	35 - 180
N-Nitrosodi-n-propylamine	32.0	33.8		ug/L		106	1 - 230
N-Nitrosodiphenylamine	32.0	34.3		ug/L		107	54 - 125
Pentachlorophenol	64.0	72.8		ug/L		114	14 - 176
Phenanthrene	32.0	34.8		ug/L		109	54 - 120
Phenol	32.0	19.5	J	ug/L		61	5 - 120
Pyrene	32.0	35.8		ug/L		112	52 - 120
2,6-Dinitrotoluene	32.0	34.1		ug/L		107	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 151*
2-Fluorobiphenyl	*100*		*44 - 120*
2-Fluorophenol	*76*		*17 - 120*
Nitrobenzene-d5	*104*		*15 - 314*
Phenol-d5	*60*		*8 - 424*
p-Terphenyl-d14	*100*		*22 - 125*

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

Lab Sample ID: MB 480-595847/1-A
Matrix: Water
Analysis Batch: 596031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 595847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		09/10/21 08:47	09/12/21 17:08	1
PCB-1221	ND		0.060	0.038	ug/L		09/10/21 08:47	09/12/21 17:08	1
PCB-1232	ND		0.060	0.038	ug/L		09/10/21 08:47	09/12/21 17:08	1
PCB-1242	ND		0.060	0.038	ug/L		09/10/21 08:47	09/12/21 17:08	1
PCB-1248	ND		0.060	0.038	ug/L		09/10/21 08:47	09/12/21 17:08	1
PCB-1254	ND		0.060	0.031	ug/L		09/10/21 08:47	09/12/21 17:08	1
PCB-1260	ND		0.060	0.031	ug/L		09/10/21 08:47	09/12/21 17:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*36 - 121*	*09/10/21 08:47*	*09/12/21 17:08*	*1*
Tetrachloro-m-xylene	*88*		*42 - 135*	*09/10/21 08:47*	*09/12/21 17:08*	*1*

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

Lab Sample ID: LCS 480-595847/2-A
Matrix: Water
Analysis Batch: 596031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 595847

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.00	0.885		ug/L		88	69 - 123		
PCB-1260			1.00	0.857		ug/L		86	69 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*61*		*36 - 121*
Tetrachloro-m-xylene	*85*		*42 - 135*

Lab Sample ID: LCSD 480-595847/3-A
Matrix: Water
Analysis Batch: 596031

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 595847

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1.00	0.838		ug/L		84	69 - 123	5	30
PCB-1260			1.00	0.826		ug/L		83	69 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*36 - 121*
Tetrachloro-m-xylene	*81*		*42 - 135*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-596012/1-A
Matrix: Water
Analysis Batch: 596580

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 596012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		09/12/21 12:53	09/15/21 20:28	1
Copper	ND		0.010	0.0016	mg/L		09/12/21 12:53	09/15/21 20:28	1
Lead	ND		0.010	0.0030	mg/L		09/12/21 12:53	09/15/21 20:28	1
Nickel	ND		0.010	0.0013	mg/L		09/12/21 12:53	09/15/21 20:28	1

Lab Sample ID: LCS 480-596012/2-A
Matrix: Water
Analysis Batch: 596580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 596012

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium			0.200	0.197		mg/L		98	85 - 115		
Copper			0.200	0.206		mg/L		103	85 - 115		
Lead			0.200	0.208		mg/L		104	85 - 115		
Nickel			0.200	0.197		mg/L		98	85 - 115		

Lab Sample ID: MB 480-597187/1-A
Matrix: Water
Analysis Batch: 597385

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 597187

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		09/21/21 11:35	09/22/21 01:55	1

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

Lab Sample ID: LCS 480-597187/2-A
Matrix: Water
Analysis Batch: 597385

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 597187

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Zinc			0.200	0.195		mg/L		97	85 - 115		

Lab Sample ID: LCSD 480-597187/3-A
Matrix: Water
Analysis Batch: 597385

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 597187

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc			0.200	0.197		mg/L		98	85 - 115	1	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-595911/1-A
Matrix: Water
Analysis Batch: 595960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 595911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/10/21 13:00	09/10/21 16:09	1

Lab Sample ID: LCS 480-595911/2-A
Matrix: Water
Analysis Batch: 595960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 595911

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00667	0.00675		mg/L		101	85 - 115		

Lab Sample ID: LCSD 480-595911/3-A
Matrix: Water
Analysis Batch: 595960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 595911

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.00667	0.00677		mg/L		101	85 - 115	0	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-596123/44
Matrix: Water
Analysis Batch: 596123

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			09/13/21 10:42	1

Lab Sample ID: LCS 480-596123/45
Matrix: Water
Analysis Batch: 596123

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	0.0998		mg/L		100	90 - 110		

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

Lab Sample ID: MB 480-595981/1
Matrix: Water
Analysis Batch: 595981

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/11/21 13:13	1

Lab Sample ID: LCS 480-595981/2
Matrix: Water
Analysis Batch: 595981

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			2630	2628		mg/L		100	88 - 110		

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-595924/45
Matrix: Water
Analysis Batch: 595924

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 480-597094/3
Matrix: Water
Analysis Batch: 597094

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			09/20/21 13:25	1

Lab Sample ID: LCS 480-597094/4
Matrix: Water
Analysis Batch: 597094

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	0.202		mg/L as P		101	90 - 110		

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-595962/1
Matrix: Water
Analysis Batch: 595962

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/10/21 09:25	1

Lab Sample ID: LCS 480-595962/2
Matrix: Water
Analysis Batch: 595962

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	213.2		mg/L		108	85 - 115		

GC/MS VOA

Analysis Batch: 595757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	624.1	
480-189333-2	TRIP BLANK	Total/NA	Water	624.1	
MB 480-595757/7	Method Blank	Total/NA	Water	624.1	
LCS 480-595757/5	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 595857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1 - DL	BCC BSA SUMP_0921	Total/NA	Water	624.1	
MB 480-595857/8	Method Blank	Total/NA	Water	624.1	
LCS 480-595857/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 596043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	625	
MB 480-596043/1-A	Method Blank	Total/NA	Water	625	
LCS 480-596043/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 596866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	625.1	596043
MB 480-596043/1-A	Method Blank	Total/NA	Water	625.1	596043
LCS 480-596043/2-A	Lab Control Sample	Total/NA	Water	625.1	596043

GC Semi VOA

Prep Batch: 595847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	3510C	
MB 480-595847/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-595847/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-595847/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 596031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	608.3	595847
MB 480-595847/1-A	Method Blank	Total/NA	Water	608.3	595847
LCS 480-595847/2-A	Lab Control Sample	Total/NA	Water	608.3	595847
LCSD 480-595847/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	595847

Metals

Prep Batch: 595911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	245.1	
MB 480-595911/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-595911/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 480-595911/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	

Metals

Analysis Batch: 595960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	245.1	595911
MB 480-595911/1-A	Method Blank	Total/NA	Water	245.1	595911
LCS 480-595911/2-A	Lab Control Sample	Total/NA	Water	245.1	595911
LCSD 480-595911/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	595911

Prep Batch: 596012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	200.7	
MB 480-596012/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-596012/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 596580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	200.7 Rev 4.4	596012
MB 480-596012/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	596012
LCS 480-596012/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	596012

Prep Batch: 597187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	200.7	
MB 480-597187/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-597187/2-A	Lab Control Sample	Total/NA	Water	200.7	
LCSD 480-597187/3-A	Lab Control Sample Dup	Total/NA	Water	200.7	

Analysis Batch: 597385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	200.7 Rev 4.4	597187
MB 480-597187/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	597187
LCS 480-597187/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	597187
LCSD 480-597187/3-A	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	597187

General Chemistry

Analysis Batch: 595924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	SM 4500 H+ B	
LCS 480-595924/45	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 595962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	SM 5210B	
USB 480-595962/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-595962/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 595981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	SM 2540D	
MB 480-595981/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-595981/2	Lab Control Sample	Total/NA	Water	SM 2540D	

QC Association Summary

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

Job ID: 480-189333-1

General Chemistry

Analysis Batch: 596123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	420.4	
MB 480-596123/44	Method Blank	Total/NA	Water	420.4	
LCS 480-596123/45	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 596695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	SM 4500 CN G	

Analysis Batch: 597094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189333-1	BCC BSA SUMP_0921	Total/NA	Water	SM 4500 P E	
MB 480-597094/3	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-597094/4	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Lab Chronicle

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

Job ID: 480-189333-1

Client Sample ID: BCC BSA SUMP_0921

Lab Sample ID: 480-189333-1

Date Collected: 09/08/21 13:30

Matrix: Water

Date Received: 09/08/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	595757	09/09/21 21:52	ATG	TAL BUF
Total/NA	Analysis	624.1	DL	2	595857	09/10/21 14:25	ATG	TAL BUF
Total/NA	Prep	625			596043	09/13/21 07:01	SMP	TAL BUF
Total/NA	Analysis	625.1		1	596866	09/19/21 06:20	JMM	TAL BUF
Total/NA	Prep	3510C			595847	09/10/21 08:47	JMP	TAL BUF
Total/NA	Analysis	608.3		1	596031	09/12/21 19:42	NC	TAL BUF
Total/NA	Prep	200.7			596012	09/12/21 12:53	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	596580	09/15/21 22:11	AMH	TAL BUF
Total/NA	Prep	200.7			597187	09/21/21 11:35	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	597385	09/22/21 02:06	LMH	TAL BUF
Total/NA	Prep	245.1			595911	09/10/21 13:00	BMB	TAL BUF
Total/NA	Analysis	245.1		1	595960	09/10/21 16:40	BMB	TAL BUF
Total/NA	Analysis	420.4		1	596123	09/13/21 11:47	CLT	TAL BUF
Total/NA	Analysis	SM 2540D		1	595981	09/11/21 13:13	CSS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	596695	09/13/21 18:00	DLG	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	595924	09/10/21 12:39	JPS	TAL BUF
Total/NA	Analysis	SM 4500 P E		5	597094	09/20/21 13:25	JPS	TAL BUF
Total/NA	Analysis	SM 5210B		1	595962	09/10/21 09:25	SRA	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-189333-2

Date Collected: 09/08/21 00:00

Matrix: Water

Date Received: 09/08/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	595757	09/09/21 22:15	ATG	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-189333-1
Project/Site: Buffalo Color GWTF SUMP

Laboratory: Eurofins TestAmerica, 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	04-01-22

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: Buffalo Color GWTF SUMP

Job ID: 480-189333-1

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

Protocol References:

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

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-189333-1
Project/Site: Buffalo Color GWTF SUMP

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-189333-1	BCC BSA SUMP_0921	Water	09/08/21 13:30	09/08/21 15:45
480-189333-2	TRIP BLANK	Water	09/08/21 00:00	09/08/21 15:45

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-189333-1
Project/Site: Buffalo Color GWTF 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

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 9-8-2021	TestAmerica Laboratories, Inc.
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: QSC	COC No: 480-158634-6057.1
333 Ganson Street	Analysis Turnaround Time			1 of 1 COCs
Buffalo, NY 14203	Calendar (C) or Work Days (W) _____			Job No. 16011
(716) 856-3333 Phone	TAT if different from Below _____			
(716) 842-1785 FAX	[X] 2 weeks			SDG No.
Project Name: Buffalo Color GWTF Sump	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230	[ ] 2 days			
PO# 640447	[ ] 1 day			Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7 , 245.1	420.4 - Phenolics, Total Recoverable	624_5ml - [redacted] Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - ([redacted]) Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH
BCC_BSA_Sump_0921	9/8-21	1330	C	W	19	N	1	1	1	8	2	2	1	1	1	1
Trip Blank	N/A	N/A	N/A	W	2	N				2						
Container Volume (mL)							250	250	250	40	1000	[redacted]250	1000	500	250	125
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							3	4	3	2	1	1	1	1	5	1

480-189333 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

Temp 7.2 #1 ICE

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
TOM WAGNER	QSC	9-8-21 1545	[illegible]	TA	9/8/21 1545
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-189333-1

Login Number: 189333

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	7.2 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Field Data Collection Sheets

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
7/1/2021					1		1	1					
7/2/2021						1		1	1				
7/3/2021													
7/4/2021					1			1		1			
7/5/2021													
7/6/2021						1		1	1				
7/7/2021								1					
7/8/2021					1		1	1	1	1	1		
7/9/2021													
7/10/2021													
7/11/2021													
7/12/2021													
7/13/2021					1			1	1	1			
7/14/2021						1		1					
7/15/2021					1		1	1					
7/16/2021						1		1	1	1			
7/17/2021													
7/18/2021													
7/19/2021					1			1	1	1			
7/20/2021					1			1					
7/21/2021						1		1					
7/22/2021					1			1					
7/23/2021						1		1	1				
7/24/2021													
7/25/2021													
7/26/2021					1			1	1	1			
7/27/2021						1		1					Cut pipe in MMF
7/28/2021								1	1				Acid flush #5 well
7/29/2021					1		1	1		1			
7/30/2021								1					
7/31/2021													
8/1/2021													
8/2/2021					1			1	1	1			
8/3/2021						1		1					
8/4/2021					1			1	1	1			
8/5/2021								1					
8/6/2021					1	1		1	1	1			
8/7/2021													
8/8/2021													
8/9/2021					1	1		1	1	1			
8/10/2021								1					
8/11/2021					1	1		1	1	1			
8/12/2021													
8/13/2021													
8/14/2021													
8/15/2021													
8/16/2021					1			1	2	2			Run D well pumps
8/17/2021						1		1	1	1			Run D well pumps
8/18/2021					1		1	1		1			
8/19/2021								1	1				
8/20/2021					1	1		1	1	1			
8/21/2021													
8/22/2021													
8/23/2021		1			1	1		1	1	1			EVOQUE-carbon change
8/24/2021								1	1				Bleach #5 well
8/25/2021						1		1		1			

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
8/26/2021					1	1	1	1	1	1			
8/27/2021													
8/28/2021													
8/29/2021													
8/30/2021					1	1		1	1	1			
8/31/2021								1					
9/1/2021						1		1					
9/2/2021					1			1	1				
9/3/2021					1	1		1		1			
9/4/2021													
9/5/2021					1			1	1				
9/6/2021													
9/7/2021					1		1	1		1	1		
9/8/2021					1	1		1	1				
9/9/2021					1			1					
9/10/2021					1	1		1	1	1			
9/11/2021													
9/12/2021													
9/13/2021					1			1		1			
9/14/2021						1		1					
9/15/2021					1			1					
9/16/2021							1	1	2	2			Clean tank #10 and lines 1 & 5
9/17/2021					1	1		1		1			
9/18/2021													
9/19/2021													
9/20/2021					1			1	1	1			
9/21/2021						1		1					
9/22/2021								1					
9/23/2021							1	1					
9/24/2021					1	1		1	1	1			
9/25/2021													
9/26/2021													
9/27/2021					1			1	1	1			
9/28/2021						1		1					
9/29/2021					1			1	3	1			Bleach #5 well
9/30/2021							1	1					

Buffalo Color GWTF Weekly Process Assessment

		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					
Date	Associate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Pressure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks	Column1
7/2/2021	TW	47	43	33	21	38	13	14.6	17	13	16	13	7.63	8	14.4	33,483,472	11	21.1	745,978	22						
7/8/2021	TW	48	47	33	25	43	17	16.7	22	17	19	16	7.57	10	16.4	33,535,558	12	24.2	752,315	26						
7/16/2021	TW	47	46	33	22	43	17	16.8	22	19	21	18	7.57	12	16.5	33,594,280	12	23.3	758,944	23						
7/26/2021	TW	48	33	33	22	27	16	14.3	21	16	18	16	7.63	7	17.2	33,675,552	10	22.4	768,287	22						
7/30/2021	TW	46	43	33	20	39	31	19.9	32	30	31	28	7.6	22	19.8	33,704,476	21	20.8	772,795	20						
8/6/2021	TW	46	42	33	25	37	32	20.2	35	29	31	27	7.7	20	20.1	33,779,632	21	23.6	780,433	26						
8/16/2021	TW	47	32	33	20	28	20	16.5	23	19	21	18	7.62	12	16.3	33,861,152	12	20.4	788,220	21						
8/20/2021	TW	46	44	33	22	39	32	19.1	36	24	26	23	7.69	17	18.9	33,907,012	18	22.4	792,160	23						
9/3/2021	TW	46	42	33	17	37	30	20.7	32	28	30	27	7.75	20	20.6	34,040,868	20	18.8	804,744	17						
9/10/2021	TW	46	35	33	19	31	24	18.6	28	23	25	23	7.68	16	18.3	34,147,928	19	20.7	813,660	20						
9/17/2021	TW	46	44	33	20	39	33	20.9	36	31	33	29	7.54	23	20.7	34,192,512	22	21.6	817,016	20						
9/24/2021	TW	44	43	33	17	37	29	24.6	30	24	26	22	7.64	15	24.3	34,252,744	21	19.3	822,167	18						

January 29, 2021

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

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

Dear Mr. Szilagyi:

On behalf of South Buffalo Development Corporation, LLC (SBD), Ontario Specialty Contracting, Inc. (OSC) is submitting the Discharge Monitoring Report for the Buffalo Color Remediation Site covering the period of October 1 through December 31, 2020. This Discharge Monitoring Report has been completed in accordance with the requirements of Permit #20-06-BU109.

Included with the report are:

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

The effluent sample collected this quarter had an Aniline concentration of 0.034 mg/L. In accordance with our permit, BSA was notified due to concentration of Aniline exceeding 0.01 mg/L. However, the concentration does not exceed the discharge limit of 50 lbs/day.

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: Richard Galloway — Honeywell
Eugene Melnyk — NYSDEC Region 9
John Yensan — South Buffalo Development, LLC

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

B.P.D.E.S. Permit No. #20-06-BU109
Former Buffalo Color Corporation Site
South Buffalo Development Corporation LLC (SBD)
Reporting Period: October 1, 2020 through December 31, 2020

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

Total Flow Data by Month:

October 2020	343,417 gallons
November 2020	504,389 gallons
December 2020	347,232 gallons

Total Quarterly Discharge 1,195,038 gallons

Estimated Area D contribution this period:
5,101 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: 2020	Event Group: SUMP
Sample Date:	11/11/2020		Month: DEC	Lab Job ID: J178120-1
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	8.4	0.100	SU	8.40	SU	5.0 - 12.0	SU	Yes			
BOD5	BOD	ND	2.0	mg/L	ND	mg/L	250	mg/L	Yes			
Total Phenol	TOTPHEN	0.0083	0.010	mg/L	0.001	lbs/day	1.67	lbs/day	Yes	20	0.008	Yes
Total Chromium	7440-47-3	0.007	0.0040	mg/L	0.0008	lbs/day	0.83	lbs/day	Yes	40	0.01	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	0.0029	0.010	mg/L	0.0003	lbs/day	1.17	lbs/day	Yes	14	0.0029	Yes
Zinc	7440-66-6	0.0067	0.010	mg/L	0.001	lbs/day	2.046	lbs/day	Yes	25	0.007	Yes
Amendable Cyanide	CAN	0.033	0.010	mg/L	0.004	lbs/day	2.59	lbs/day	Yes	6.2	0.033	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	34	40	ug/L	3.742	lbs/day	50	lbs/day	Yes	0.01	0.0340	No
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	0.27	5	ug/L	0.0000	lbs/day	0.197	lbs/day	Yes	0.472	0.0003	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	320	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	39.4	25	ug/L	0.039	mg/L	*	mg/L	Yes			
Total Suspended Solids	TSS	34	4.0	mg/L	34.0	mg/L	250	mg/L	Yes			
Total Phosphate**	7723-14-0	0.36	0.010	mg/L	0.360	mg/L	15.35	mg/L	Yes			
Total Flow (average)	N/A	9.158569902	-	gpm	13,188	gpd	50,000	gpd	Yes			

*Permit requires reporting of Aniline or Aniline Derivative and Max Individual Purgeables concentrations in excess of 0.01 mg/L
**Analyzed by total phosphorus method SM 4500-P E
MAID - Maximum Allowable Instantaneous Discharge

Flow Calculations

Combined Effluent No. 1 and No. 2 Flow Totals (gallons)		
Initial Reading	66,740,787	10/1/2020
Final Reading	67,940,926	12/31/2020
Total Days in Period	91	
Total Flow for Period	**1,200,139**	gallons
Average Flow for Period	**9.16**	gpm

BSA Discharge Permit

BUFFALO
SEWER AUTHORITY

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

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

April 30, 2020

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

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

Dear Mr. Gabner:

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

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

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

Very truly yours,
BUFFALO SEWER AUTHORITY

Leslie Sedita

Leslie Sedita
Industrial Waste Administrator

cc: D. Rossney
M. Szilagyi

AUTHORIZATION TO DISCHARGE UNDER THE BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM

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

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

South Buffalo Development, LLC.

to discharge remediated wastewater from the site located at:

Areas A and D of the former Buffalo Color Corporation Site

1037 South Park Avenue, Buffalo, New York 14210

to the Buffalo Municipal Sewer System.

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

Effective this June 1, 2020

To Expire May 31, 2023

General Manager

Signed this 30th **day of** April **, 20** 20

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

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

Sample		Discharge Limitations		Sampling Requirements	
Point	**Parameter**	**Daily Max**	**MAID*** (mg/L)	**Type**	**Frequency**
001	pH[1]	5.0 - 12.0 SU		Probe	**Quarterly**
	Total Flow	50,000 gals		Flow Meter[2]	**Continuous**
	BOD_5	250 mg/L [3]		Composite [4]	**Quarterly**
	Total Suspended Solids	250 mg/L [3]		Composite	**Quarterly**
	Total Phosphate	15.35 mg/L[3]		Composite	**Quarterly**
	Total Phenol[5]	1.67 lbs	20.0	Composite	**Quarterly**
	Amenable Cyanide	2.59 lbs	6.2	Grab [7]	**Quarterly**
	Total Mercury	0.00033 lbs	0.0008	Composite	**Quarterly**
	Total Nickel	1.17 lbs	14.0	Composite	**Quarterly**
	Total Copper	0.67 lbs	16.0	Composite	**Quarterly**
	Total Chromium	0.83 lbs	40.0	Composite	**Quarterly**
	Lead	0.541 lbs	65.0	Composite	**Quarterly**
	Zinc	2.046 lbs	25.0	Composite	**Quarterly**
	Purgeables-EPA Test Methods 624	[6]		Grab[7]	**Quarterly**
	Base/Neutrals & Acid Extractable-EPA Tests Method 625	[8]		Grab	**Quarterly**
	EPA Test Method 608	[9]		Grab	**Quarterly**
	Aniline	50.0 lbs	0.00	Grab	**Quarterly**
	Benzene	0.059 lbs	0.142 mg/L	Grab	**Quarterly**
	Chlorobenzene	0.129 lbs	0.310 mg/L	Grab	**Quarterly**
	1, 2-Dichlorbenzene	0.197 lbs.	0.472 mg/L	Grab	**Quarterly**
	Fluoranthene	0.0417 lbs.	0.100 mg/L	Grab	**Quarterly**
	Acenaphtylene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Naphthalene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**
	Anthracene	0.131 lbs.	0.314 mg/L	Grab	**Quarterly**

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

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

PART I: SPECIFIC CONDITIONS

B. DISCHARGE MONITORING REPORTING REQUIREMENTS

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

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

* Each reporting dated is for samples collected during the previous quarter.
** The Industrial Discharge Permit Application to renew discharge permit is due six (6) months prior to the expiration of this permit.

PART I: SPECIFIC CONDITIONS

C. SPECIAL REQUIREMENTS

(1) The pH meter must be calibrated and maintained in accordance with the manufacturer's specifications. The calibrations and the person(s) responsible for it must be recorded in a bound logbook. This logbook must be available for BSA inspection at all times.

(2) All flow meters must be calibrated and certified by a certified manufacturer's representative at least once per year. This report must be submitted with the annual report. All flow meters must be serviced and maintained in accordance with the manufacturer's specifications. The BSA must be notified of any malfunctions which last for more that 24 hours within three (3) days of the malfunction. If a flow meter, especially at SP001, remains out of service for more than five (5) consecutive days, the permittee must install a temporary meter until such time as the defective meter is repaired or replaced. The BSA at its option, may require a written report on any malfunctions.

(3) Surchargeable limit only.

(4) Composite samples may be flow proportioned.

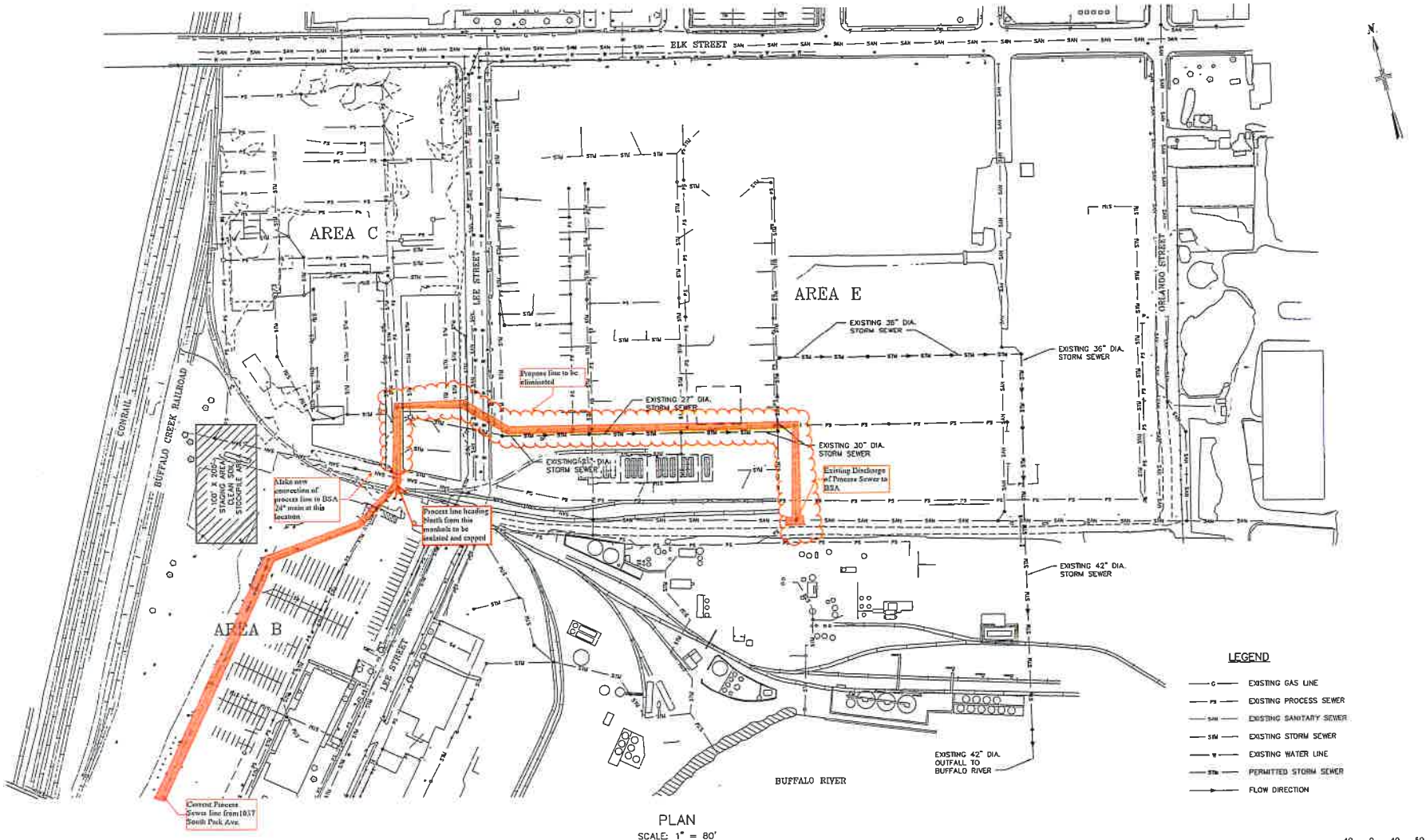
(5) EPA Test Method 604.

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

(7) Four grab samples must be properly taken and preserved over an equally spaced time period during a normal discharge day. The four grab samples must be flow proportionally composited at a New York State Department of Health certified lab.

(8) All samples collected for the base neutral and acid extractable EPA analytical test procedures must go through a special cleanup to prevent aniline and aniline derivative interference of the analytical method. The permittee must report any aniline and aniline derivative whose concentration is greater that 0.01 mg/L.

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



PLAN
SCALE: 1" = 80'

SCALE: 1" = 80'

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES CMC
DWN MAW
CKD TAW

ONTARIO SPECIALTY CONTRACTORS
HONEYWELL/ FORMER BUFFALO COLOR FACILITY
BUFFALO, NEW YORK

AREA C DRAINAGE DESIGN

EXISTING SITE PLAN

SCALE: 1" = 80'

DATE FEBRUARY 2011
G SHEET 1 OF 3
CAD REF. NO. 6927G001

BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PART II: GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

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

2. Definitions

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

3. Discharge Sampling Analysis

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

4. Recording of Results

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

5. Additional Monitoring by Permittee

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

6. Reporting

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

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

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

7. Certification Statement

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

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

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

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

2. Records Retention

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

3. Slug Control Plan

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

4. Notification of Slug, Accidental Discharge or Spill

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

5. Noncompliance Notification

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

a. a description of the discharge and cause of noncompliance and;

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

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

6. Adverse Impact

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

7. Waste Residuals

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

8. Power Failures

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

9. Treatment Upsets

a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:

(i) A description of the upset, its cause(s) and impact on the discharger's compliance status;

(ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the non-compliance is continuing, the time by which compliance is reasonably expected to be restored;

(iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.

b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section for any

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

10. Treatment Bypasses

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

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

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

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

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

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

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

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

2. Inspections

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

3. Transfer of Ownership or Control

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

D. PERMITTEE LIABILITIES

1. Permit Modification

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

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

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

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

2. Imminent Danger

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

3. Civil and Criminal Liability

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

E. NATIONAL PRETREATMENT STANDARDS

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

F. PLANT CLOSURE

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

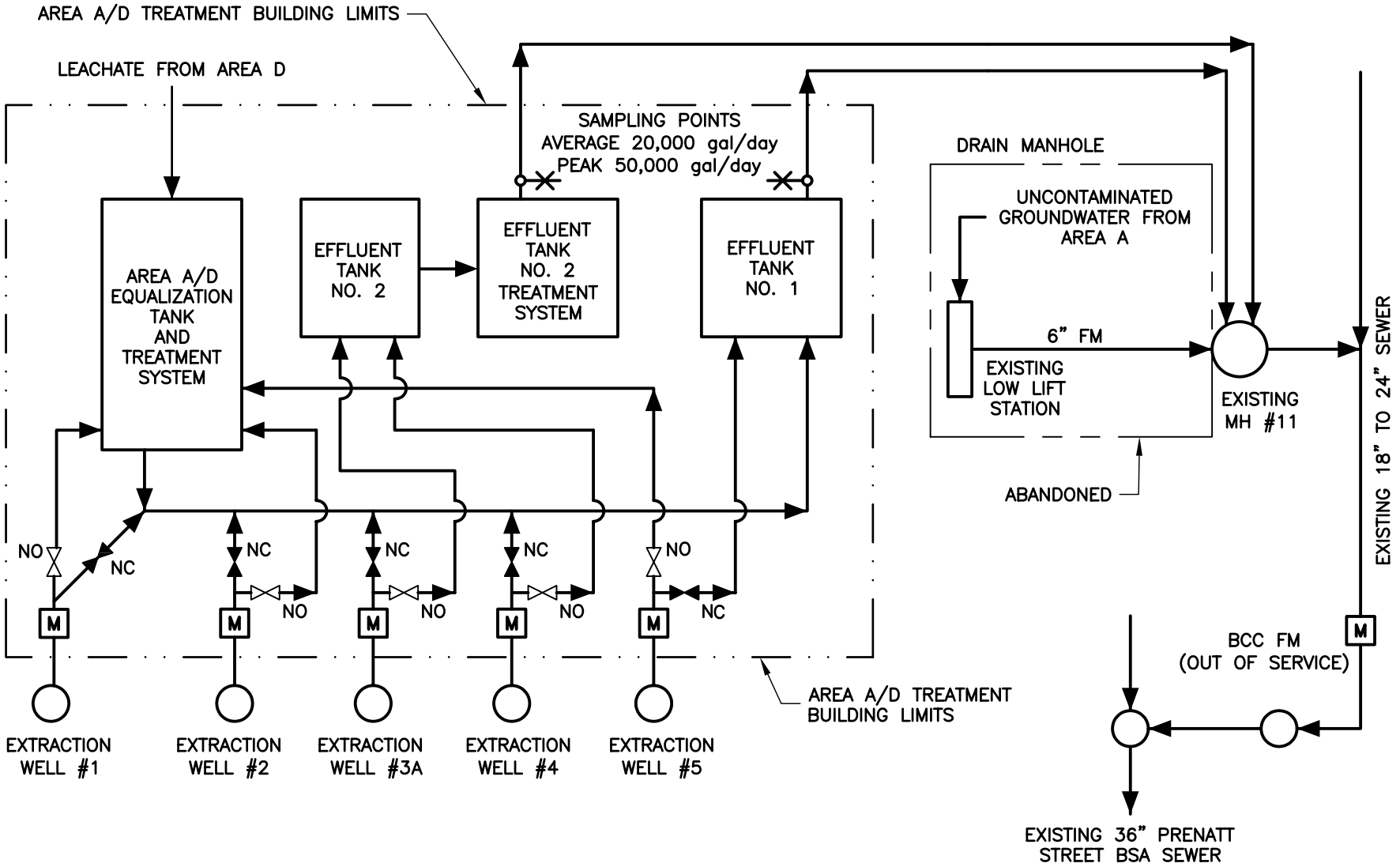
G. CONFIDENTIALITY

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

H. SEVERABILITY

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

Monitoring and Sampling Schematics



NC – NORMALLY CLOSED VALVE
NO – NORMALLY OPEN VALVE

FORMER BUFFALO COLOR CORPORATION
SITE
BUFFALO, NY

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

GROUNDWATER
EXTRACTION SYSTEM
PROCESS FLOW DIAGRAM
Figure 1

Laboratory Analytical Results

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-178120-1
Client Project/Site: Buffalo Color GWTF Sump
Sampling Event: Buffalo Color - Quarterly Sump

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

Attn: Kirsten Colligan

Authorized for release by:
12/3/2020 5:56:27 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

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

Job ID: 480-178120-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

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
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
H	Sample was prepped or analyzed beyond the specified holding time
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

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

Job ID: 480-178120-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-178120-1

Comments
No additional comments.

Receipt
The samples were received on 11/13/2020 4:00 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º C.

GC/MS VOA
Method 624.1: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: BCC BSA SUMP (480-178120-1).

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

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

GC Semi VOA
Method 608.3: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-559219 and analytical batch 480-559549 recovered outside control limits for the following analytes: PCB-1260. 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 Rev 4.4: The following sample was diluted due to the presence of Total Silicon which interferes with Lead: BCC BSA SUMP (480-178120-1). 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.

General Chemistry
Method SM 5210B: The following sample was analyzed outside of analytical holding time due to laboratory error : BCC BSA SUMP (480-178120-1).

Method 420.4: The continuing calibration blank (CCB) for analytical batch 480-560896 contained Phenolics, Total Recoverable above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: BCC BSA SUMP (480-178120-1).

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-559219.

Method 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-559650.

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

Job ID: 480-178120-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

VOA Prep

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

Detection Summary

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

Job ID: 480-178120-1

Client Sample ID: BCC BSA SUMP — Lab Sample ID: 480-178120-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.27	J	5.0	0.19	ug/L	1		624.1	Total/NA
1,3-Dichlorobenzene	1.5	J	5.0	0.13	ug/L	1		624.1	Total/NA
1,4-Dichlorobenzene	1.2	J	5.0	0.18	ug/L	1		624.1	Total/NA
1,3-Dichlorobenzene	1.5	J	40	0.69	ug/L	1		625.1	Total/NA
Aniline	34	J	40	1.5	ug/L	1		625.1	Total/NA
Di-n-butyl phthalate	3.9	J	20	1.6	ug/L	1		625.1	Total/NA
Chromium	0.0070		0.0040	0.0010	mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		200.7 Rev 4.4	Total/NA
Zinc	0.0067	J	0.010	0.0015	mg/L	1		200.7 Rev 4.4	Total/NA
Phenolics, Total Recoverable	0.0083	J ^	0.010	0.0035	mg/L	1		420.4	Total/NA
Total Suspended Solids	34.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Cyanide, Amenable	0.033		0.010	0.0050	mg/L	1		SM 4500 CN G	Total/NA
pH	8.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	16.6	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA
Phosphorus	0.36		0.050	0.025	mg/L as P	5		SM 4500 P E	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-178120-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC BSA SUMP

Date Collected: 11/11/20 09:45
Date Received: 11/13/20 16:00

Lab Sample ID: 480-178120-1

Matrix: Water

Method: 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	0.24	ug/L			11/22/20 14:20	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.37	ug/L			11/22/20 14:20	1
1,1,2-Trichloroethane	ND		5.0	0.15	ug/L			11/22/20 14:20	1
1,1-Dichloroethane	ND		5.0	0.26	ug/L			11/22/20 14:20	1
1,1-Dichloroethene	ND		5.0	0.12	ug/L			11/22/20 14:20	1
1,2-Dichlorobenzene	**0.27**	**J**	5.0	0.19	ug/L			11/22/20 14:20	1
1,2-Dichloroethane	ND		5.0	0.84	ug/L			11/22/20 14:20	1
1,2-Dichloroethene, Total	ND		10	0.44	ug/L			11/22/20 14:20	1
1,2-Dichloropropane	ND		5.0	0.35	ug/L			11/22/20 14:20	1
1,3-Dichlorobenzene	**1.5**	**J**	5.0	0.13	ug/L			11/22/20 14:20	1
1,4-Dichlorobenzene	**1.2**	**J**	5.0	0.18	ug/L			11/22/20 14:20	1
2-Chloroethyl vinyl ether	ND		25	0.91	ug/L			11/22/20 14:20	1
Acrolein	ND		100	1.1	ug/L			11/22/20 14:20	1
Acrylonitrile	ND		100	0.77	ug/L			11/22/20 14:20	1
Benzene	ND		5.0	0.43	ug/L			11/22/20 14:20	1
Bromodichloromethane	ND		5.0	0.34	ug/L			11/22/20 14:20	1
Bromoform	ND		5.0	0.54	ug/L			11/22/20 14:20	1
Bromomethane	ND		5.0	0.45	ug/L			11/22/20 14:20	1
Carbon tetrachloride	ND		5.0	0.21	ug/L			11/22/20 14:20	1
Chlorobenzene	ND		5.0	0.38	ug/L			11/22/20 14:20	1
Chloroethane	ND		5.0	0.32	ug/L			11/22/20 14:20	1
Chloroform	ND		5.0	0.33	ug/L			11/22/20 14:20	1
Chloromethane	ND		5.0	0.43	ug/L			11/22/20 14:20	1
cis-1,3-Dichloropropene	ND		5.0	0.46	ug/L			11/22/20 14:20	1
Dibromochloromethane	ND		5.0	0.13	ug/L			11/22/20 14:20	1
Ethylbenzene	ND		5.0	0.30	ug/L			11/22/20 14:20	1
Methylene Chloride	ND		5.0	0.32	ug/L			11/22/20 14:20	1
Tetrachloroethene	ND		5.0	0.25	ug/L			11/22/20 14:20	1
Toluene	ND		5.0	0.38	ug/L			11/22/20 14:20	1
trans-1,3-Dichloropropene	ND		5.0	0.22	ug/L			11/22/20 14:20	1
Trichloroethene	ND		5.0	0.31	ug/L			11/22/20 14:20	1
Trichlorofluoromethane	ND		5.0	0.14	ug/L			11/22/20 14:20	1
Vinyl chloride	ND		5.0	0.34	ug/L			11/22/20 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*11/22/20 14:20*	*1*
4-Bromofluorobenzene	*104*		*60 - 140*		*11/22/20 14:20*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*11/22/20 14:20*	*1*
Toluene-d8 (Surr)	*103*		*60 - 140*		*11/22/20 14:20*	*1*

Method: 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		11/18/20 09:07	11/26/20 03:46	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		11/18/20 09:07	11/26/20 03:46	1
1,3-Dichlorobenzene	**1.5**	**J**	40	0.69	ug/L		11/18/20 09:07	11/26/20 03:46	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		11/18/20 09:07	11/26/20 03:46	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 03:46	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		11/18/20 09:07	11/26/20 03:46	1

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

Job ID: 480-178120-1

Client Sample ID: BCC BSA SUMP
Date Collected: 11/11/20 09:45
Date Received: 11/13/20 16:00

Lab Sample ID: 480-178120-1
Matrix: Water

Method: 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		11/18/20 09:07	11/26/20 03:46	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
2-Chloronaphthalene	ND		20	0.91	ug/L		11/18/20 09:07	11/26/20 03:46	1
2-Chlorophenol	ND		20	0.66	ug/L		11/18/20 09:07	11/26/20 03:46	1
2-Nitrophenol	ND		20	0.70	ug/L		11/18/20 09:07	11/26/20 03:46	1
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		11/18/20 09:07	11/26/20 03:46	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		11/18/20 09:07	11/26/20 03:46	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 03:46	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		11/18/20 09:07	11/26/20 03:46	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 03:46	1
4-Nitrophenol	ND		40	10	ug/L		11/18/20 09:07	11/26/20 03:46	1
Acenaphthene	ND		20	0.81	ug/L		11/18/20 09:07	11/26/20 03:46	1
Acenaphthylene	ND		20	0.87	ug/L		11/18/20 09:07	11/26/20 03:46	1
Aniline	**34**	**J**	40	1.5	ug/L		11/18/20 09:07	11/26/20 03:46	1
Anthracene	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 03:46	1
Benzidine	ND		320	35	ug/L		11/18/20 09:07	11/26/20 03:46	1
Benzo[a]anthracene	ND		20	1.1	ug/L		11/18/20 09:07	11/26/20 03:46	1
Benzo[a]pyrene	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 03:46	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		11/18/20 09:07	11/26/20 03:46	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		11/18/20 09:07	11/26/20 03:46	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 03:46	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		11/18/20 09:07	11/26/20 03:46	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		11/18/20 09:07	11/26/20 03:46	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		11/18/20 09:07	11/26/20 03:46	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		11/18/20 09:07	11/26/20 03:46	1
Chrysene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		11/18/20 09:07	11/26/20 03:46	1
Diethyl phthalate	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
Dimethyl phthalate	ND		20	0.91	ug/L		11/18/20 09:07	11/26/20 03:46	1
Di-n-butyl phthalate	**3.9**	**J**	20	1.6	ug/L		11/18/20 09:07	11/26/20 03:46	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		11/18/20 09:07	11/26/20 03:46	1
Fluoranthene	ND		20	1.6	ug/L		11/18/20 09:07	11/26/20 03:46	1
Fluorene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
Hexachlorobenzene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
Hexachlorobutadiene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
Hexachloroethane	ND		20	0.60	ug/L		11/18/20 09:07	11/26/20 03:46	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		11/18/20 09:07	11/26/20 03:46	1
Isophorone	ND		20	0.74	ug/L		11/18/20 09:07	11/26/20 03:46	1
Naphthalene	ND		20	0.86	ug/L		11/18/20 09:07	11/26/20 03:46	1
Decane	ND		40	1.6	ug/L		11/18/20 09:07	11/26/20 03:46	1
Nitrobenzene	ND		20	0.81	ug/L		11/18/20 09:07	11/26/20 03:46	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		11/18/20 09:07	11/26/20 03:46	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		11/18/20 09:07	11/26/20 03:46	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		11/18/20 09:07	11/26/20 03:46	1
n-Octadecane	ND		40	1.2	ug/L		11/18/20 09:07	11/26/20 03:46	1
Pentachlorophenol	ND		40	5.4	ug/L		11/18/20 09:07	11/26/20 03:46	1
Phenanthrene	ND		20	1.2	ug/L		11/18/20 09:07	11/26/20 03:46	1

Client Sample ID: BCC BSA SUMP

Date Collected: 11/11/20 09:45
Date Received: 11/13/20 16:00

Lab Sample ID: 480-178120-1

Matrix: Water

Method: 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		11/18/20 09:07	11/26/20 03:46	1
Pyrene	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 03:46	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*52 - 151*	*11/18/20 09:07*	*11/26/20 03:46*	*1*
2-Fluorobiphenyl	*106*		*44 - 120*	*11/18/20 09:07*	*11/26/20 03:46*	*1*
2-Fluorophenol	*82*		*17 - 120*	*11/18/20 09:07*	*11/26/20 03:46*	*1*
Nitrobenzene-d5	*104*		*15 - 314*	*11/18/20 09:07*	*11/26/20 03:46*	*1*
Phenol-d5	*58*		*8 - 424*	*11/18/20 09:07*	*11/26/20 03:46*	*1*
p-Terphenyl-d14	*112*		*22 - 125*	*11/18/20 09:07*	*11/26/20 03:46*	*1*

Method: 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		11/16/20 08:34	11/18/20 04:46	1
PCB-1221	ND		0.058	0.037	ug/L		11/16/20 08:34	11/18/20 04:46	1
PCB-1232	ND		0.058	0.037	ug/L		11/16/20 08:34	11/18/20 04:46	1
PCB-1242	ND		0.058	0.037	ug/L		11/16/20 08:34	11/18/20 04:46	1
PCB-1248	ND		0.058	0.037	ug/L		11/16/20 08:34	11/18/20 04:46	1
PCB-1254	ND		0.058	0.030	ug/L		11/16/20 08:34	11/18/20 04:46	1
PCB-1260	ND	*	0.058	0.030	ug/L		11/16/20 08:34	11/18/20 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*36 - 121*	*11/16/20 08:34*	*11/18/20 04:46*	*1*
Tetrachloro-m-xylene	*119*		*42 - 135*	*11/16/20 08:34*	*11/18/20 04:46*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0070**		0.0040	0.0010	mg/L		11/19/20 08:44	11/20/20 23:55	1
Copper	ND		0.010	0.0016	mg/L		11/19/20 08:44	11/20/20 23:55	1
Lead	ND		0.020	0.0060	mg/L		11/19/20 08:44	11/24/20 18:50	2
Nickel	**0.0029**	**J**	0.010	0.0013	mg/L		11/19/20 08:44	11/20/20 23:55	1
Zinc	**0.0067**	**J**	0.010	0.0015	mg/L		11/19/20 08:44	11/20/20 23:55	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/20/20 13:27	11/20/20 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	**0.0083**	**J ^**	0.010	0.0035	mg/L			11/24/20 21:55	1
Cyanide, Amenable	**0.033**		0.010	0.0050	mg/L			11/24/20 16:22	1
Phosphorus	**0.36**		0.050	0.025	mg/L as P			11/18/20 14:19	5
Biochemical Oxygen Demand	ND	H	2.0	2.0	mg/L			11/13/20 13:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**34.0**		4.0	4.0	mg/L			11/14/20 19:36	1
pH	**8.4**	**HF**	0.1	0.1	SU			11/29/20 10:17	1
Temperature	**16.6**	**HF**	0.001	0.001	Degrees C			11/29/20 10:17	1

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

Job ID: 480-178120-1

Client Sample ID: TRIP BLANK

Date Collected: 11/11/20 00:00
Date Received: 11/13/20 16:00

Lab Sample ID: 480-178120-2

Matrix: Water

Method: 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	0.24	ug/L			11/22/20 13:58	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.37	ug/L			11/22/20 13:58	1
1,1,2-Trichloroethane	ND		5.0	0.15	ug/L			11/22/20 13:58	1
1,1-Dichloroethane	ND		5.0	0.26	ug/L			11/22/20 13:58	1
1,1-Dichloroethene	ND		5.0	0.12	ug/L			11/22/20 13:58	1
1,2-Dichlorobenzene	ND		5.0	0.19	ug/L			11/22/20 13:58	1
1,2-Dichloroethane	ND		5.0	0.84	ug/L			11/22/20 13:58	1
1,2-Dichloroethene, Total	ND		10	0.44	ug/L			11/22/20 13:58	1
1,2-Dichloropropane	ND		5.0	0.35	ug/L			11/22/20 13:58	1
1,3-Dichlorobenzene	ND		5.0	0.13	ug/L			11/22/20 13:58	1
1,4-Dichlorobenzene	ND		5.0	0.18	ug/L			11/22/20 13:58	1
2-Chloroethyl vinyl ether	ND		25	0.91	ug/L			11/22/20 13:58	1
Acrolein	ND		100	1.1	ug/L			11/22/20 13:58	1
Acrylonitrile	ND		100	0.77	ug/L			11/22/20 13:58	1
Benzene	ND		5.0	0.43	ug/L			11/22/20 13:58	1
Bromodichloromethane	ND		5.0	0.34	ug/L			11/22/20 13:58	1
Bromoform	ND		5.0	0.54	ug/L			11/22/20 13:58	1
Bromomethane	ND		5.0	0.45	ug/L			11/22/20 13:58	1
Carbon tetrachloride	ND		5.0	0.21	ug/L			11/22/20 13:58	1
Chlorobenzene	ND		5.0	0.38	ug/L			11/22/20 13:58	1
Chloroethane	ND		5.0	0.32	ug/L			11/22/20 13:58	1
Chloroform	ND		5.0	0.33	ug/L			11/22/20 13:58	1
Chloromethane	ND		5.0	0.43	ug/L			11/22/20 13:58	1
cis-1,3-Dichloropropene	ND		5.0	0.46	ug/L			11/22/20 13:58	1
Dibromochloromethane	ND		5.0	0.13	ug/L			11/22/20 13:58	1
Ethylbenzene	ND		5.0	0.30	ug/L			11/22/20 13:58	1
Methylene Chloride	ND		5.0	0.32	ug/L			11/22/20 13:58	1
Tetrachloroethene	ND		5.0	0.25	ug/L			11/22/20 13:58	1
Toluene	ND		5.0	0.38	ug/L			11/22/20 13:58	1
trans-1,3-Dichloropropene	ND		5.0	0.22	ug/L			11/22/20 13:58	1
Trichloroethene	ND		5.0	0.31	ug/L			11/22/20 13:58	1
Trichlorofluoromethane	ND		5.0	0.14	ug/L			11/22/20 13:58	1
Vinyl chloride	ND		5.0	0.34	ug/L			11/22/20 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*		*11/22/20 13:58*	*1*
4-Bromofluorobenzene	*102*		*60 - 140*		*11/22/20 13:58*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*11/22/20 13:58*	*1*
Toluene-d8 (Surr)	*101*		*60 - 140*		*11/22/20 13:58*	*1*

Surrogate Summary

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

Job ID: 480-178120-1

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	(60-140)	(60-140)	(60-140)	(60-140)
480-178120-1	BCC BSA SUMP	103	104	102	103
480-178120-2	TRIP BLANK	104	102	101	101
LCS 460-741794/4	Lab Control Sample	102	105	101	103
LCSD 460-741794/5	Lab Control Sample Dup	101	102	98	101
MB 460-741794/8	Method Blank	103	107	102	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
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)
480-178120-1	BCC BSA SUMP	104	106	82	104	58	112
LCS 480-559650/2-A	Lab Control Sample	116	103	78	100	62	110
LCSD 480-559650/3-A	Lab Control Sample Dup	125	107	84	109	66	107
MB 480-559650/1-A	Method Blank	93	108	76	105	57	119

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1	TCX1
Lab Sample ID	Client Sample ID	(36-121)	(42-135)
480-178120-1	BCC BSA SUMP	45	119
LCS 480-559219/2-A	Lab Control Sample	66	77
LCSD 480-559219/3-A	Lab Control Sample Dup	70	109
MB 480-559219/1-A	Method Blank	79	118

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 460-741794/8
Matrix: Water
Analysis Batch: 741794

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	0.24	ug/L			11/22/20 09:04	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.37	ug/L			11/22/20 09:04	1
1,1,2-Trichloroethane	ND		5.0	0.15	ug/L			11/22/20 09:04	1
1,1-Dichloroethane	ND		5.0	0.26	ug/L			11/22/20 09:04	1
1,1-Dichloroethene	ND		5.0	0.12	ug/L			11/22/20 09:04	1
1,2-Dichlorobenzene	ND		5.0	0.19	ug/L			11/22/20 09:04	1
1,2-Dichloroethane	ND		5.0	0.84	ug/L			11/22/20 09:04	1
1,2-Dichloroethene, Total	ND		10	0.44	ug/L			11/22/20 09:04	1
1,2-Dichloropropane	ND		5.0	0.35	ug/L			11/22/20 09:04	1
1,3-Dichlorobenzene	ND		5.0	0.13	ug/L			11/22/20 09:04	1
1,4-Dichlorobenzene	ND		5.0	0.18	ug/L			11/22/20 09:04	1
2-Chloroethyl vinyl ether	ND		25	0.91	ug/L			11/22/20 09:04	1
Acrolein	ND		100	1.1	ug/L			11/22/20 09:04	1
Acrylonitrile	ND		100	0.77	ug/L			11/22/20 09:04	1
Benzene	ND		5.0	0.43	ug/L			11/22/20 09:04	1
Bromodichloromethane	ND		5.0	0.34	ug/L			11/22/20 09:04	1
Bromoform	ND		5.0	0.54	ug/L			11/22/20 09:04	1
Bromomethane	ND		5.0	0.45	ug/L			11/22/20 09:04	1
Carbon tetrachloride	ND		5.0	0.21	ug/L			11/22/20 09:04	1
Chlorobenzene	ND		5.0	0.38	ug/L			11/22/20 09:04	1
Chloroethane	ND		5.0	0.32	ug/L			11/22/20 09:04	1
Chloroform	ND		5.0	0.33	ug/L			11/22/20 09:04	1
Chloromethane	ND		5.0	0.43	ug/L			11/22/20 09:04	1
cis-1,3-Dichloropropene	ND		5.0	0.46	ug/L			11/22/20 09:04	1
Dibromochloromethane	ND		5.0	0.13	ug/L			11/22/20 09:04	1
Ethylbenzene	ND		5.0	0.30	ug/L			11/22/20 09:04	1
Methylene Chloride	ND		5.0	0.32	ug/L			11/22/20 09:04	1
Tetrachloroethene	ND		5.0	0.25	ug/L			11/22/20 09:04	1
Toluene	ND		5.0	0.38	ug/L			11/22/20 09:04	1
trans-1,3-Dichloropropene	ND		5.0	0.22	ug/L			11/22/20 09:04	1
Trichloroethene	ND		5.0	0.31	ug/L			11/22/20 09:04	1
Trichlorofluoromethane	ND		5.0	0.14	ug/L			11/22/20 09:04	1
Vinyl chloride	ND		5.0	0.34	ug/L			11/22/20 09:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*		*11/22/20 09:04*	*1*
4-Bromofluorobenzene	*107*		*60 - 140*		*11/22/20 09:04*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*11/22/20 09:04*	*1*
Toluene-d8 (Surr)	*105*		*60 - 140*		*11/22/20 09:04*	*1*

Lab Sample ID: LCS 460-741794/4
Matrix: Water
Analysis Batch: 741794

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.5		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	20.0	22.7		ug/L		113	60 - 140
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	70 - 130

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

Lab Sample ID: LCS 460-741794/4
Matrix: Water
Analysis Batch: 741794

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	21.2		ug/L		106	70 - 130
1,1-Dichloroethene	20.0	19.9		ug/L		100	50 - 150
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	65 - 135
1,2-Dichloroethane	20.0	21.8		ug/L		109	70 - 130
1,2-Dichloropropane	20.0	22.1		ug/L		111	35 - 165
1,3-Dichlorobenzene	20.0	20.1		ug/L		100	70 - 130
1,4-Dichlorobenzene	20.0	21.1		ug/L		105	65 - 135
2-Chloroethyl vinyl ether	20.0	22.1	J	ug/L		110	0.1 - 225
Benzene	20.0	21.6		ug/L		108	65 - 135
Bromodichloromethane	20.0	22.1		ug/L		111	65 - 135
Bromoform	20.0	21.5		ug/L		108	70 - 130
Bromomethane	20.0	19.7		ug/L		98	15 - 185
Carbon tetrachloride	20.0	20.6		ug/L		103	70 - 130
Chlorobenzene	20.0	21.1		ug/L		106	65 - 135
Chloroethane	20.0	20.2		ug/L		101	40 - 160
Chloroform	20.0	21.7		ug/L		109	70 - 135
Chloromethane	20.0	17.6		ug/L		88	0.1 - 205
cis-1,3-Dichloropropene	20.0	22.5		ug/L		112	25 - 175
Dibromochloromethane	20.0	21.2		ug/L		106	70 - 135
Ethylbenzene	20.0	21.4		ug/L		107	60 - 140
Methylene Chloride	20.0	21.1		ug/L		105	60 - 140
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 130
Toluene	20.0	21.0		ug/L		105	70 - 130
trans-1,3-Dichloropropene	20.0	23.0		ug/L		115	50 - 150
Trichloroethene	20.0	20.3		ug/L		102	65 - 135
Trichlorofluoromethane	20.0	20.1		ug/L		101	50 - 150
Vinyl chloride	20.0	18.6		ug/L		93	5 - 195

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 140*
4-Bromofluorobenzene	*105*		*60 - 140*
Dibromofluoromethane (Surr)	*101*		*60 - 140*
Toluene-d8 (Surr)	*103*		*60 - 140*

Lab Sample ID: LCSD 460-741794/5
Matrix: Water
Analysis Batch: 741794

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	17.8		ug/L		89	70 - 130	19	36
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	60 - 140	20	61
1,1,2-Trichloroethane	20.0	18.7		ug/L		93	70 - 130	15	45
1,1-Dichloroethane	20.0	17.4		ug/L		87	70 - 130	20	40
1,1-Dichloroethene	20.0	16.9		ug/L		85	50 - 150	16	32
1,2-Dichlorobenzene	20.0	17.6		ug/L		88	65 - 135	17	57
1,2-Dichloroethane	20.0	17.7		ug/L		89	70 - 130	20	49
1,2-Dichloropropane	20.0	17.8		ug/L		89	35 - 165	22	55
1,3-Dichlorobenzene	20.0	16.8		ug/L		84	70 - 130	18	43

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

Lab Sample ID: LCSD 460-741794/5
Matrix: Water
Analysis Batch: 741794

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	17.7		ug/L		89	65 - 135	17	57
2-Chloroethyl vinyl ether	20.0	18.3	J	ug/L		91	0.1 - 225	19	71
Benzene	20.0	18.2		ug/L		91	65 - 135	17	61
Bromodichloromethane	20.0	17.6		ug/L		88	65 - 135	23	56
Bromoform	20.0	17.5		ug/L		88	70 - 130	21	42
Bromomethane	20.0	18.7		ug/L		94	15 - 185	5	61
Carbon tetrachloride	20.0	17.3		ug/L		87	70 - 130	17	41
Chlorobenzene	20.0	17.3		ug/L		86	65 - 135	20	53
Chloroethane	20.0	19.8		ug/L		99	40 - 160	2	78
Chloroform	20.0	17.1		ug/L		86	70 - 135	24	54
Chloromethane	20.0	16.2		ug/L		81	0.1 - 205	8	60
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	25 - 175	21	58
Dibromochloromethane	20.0	17.9		ug/L		89	70 - 135	17	50
Ethylbenzene	20.0	18.1		ug/L		90	60 - 140	17	63
Methylene Chloride	20.0	17.0		ug/L		85	60 - 140	21	28
Tetrachloroethene	20.0	16.2		ug/L		81	70 - 130	17	39
Toluene	20.0	17.4		ug/L		87	70 - 130	19	41
trans-1,3-Dichloropropene	20.0	18.9		ug/L		95	50 - 150	19	86
Trichloroethene	20.0	16.7		ug/L		84	65 - 135	20	48
Trichlorofluoromethane	20.0	19.7		ug/L		98	50 - 150	2	84
Vinyl chloride	20.0	17.7		ug/L		88	5 - 195	5	66

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*60 - 140*
4-Bromofluorobenzene	*102*		*60 - 140*
Dibromofluoromethane (Surr)	*98*		*60 - 140*
Toluene-d8 (Surr)	*101*		*60 - 140*

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

Lab Sample ID: MB 480-559650/1-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 559650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		40	0.82	ug/L		11/18/20 09:07	11/26/20 02:21	1
1,2-Dichlorobenzene	ND		40	5.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
1,2-Diphenylhydrazine	ND		40	0.78	ug/L		11/18/20 09:07	11/26/20 02:21	1
1,3-Dichlorobenzene	ND		40	0.69	ug/L		11/18/20 09:07	11/26/20 02:21	1
1,4-Dichlorobenzene	ND		40	5.6	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,2'-oxybis[1-chloropropane]	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,4,6-Trichlorophenol	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,4-Dichlorophenol	ND		20	0.77	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,4-Dimethylphenol	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,4-Dinitrophenol	ND		40	5.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,4-Dinitrotoluene	ND		20	5.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
2-Chloronaphthalene	ND		20	0.91	ug/L		11/18/20 09:07	11/26/20 02:21	1
2-Chlorophenol	ND		20	0.66	ug/L		11/18/20 09:07	11/26/20 02:21	1
2-Nitrophenol	ND		20	0.70	ug/L		11/18/20 09:07	11/26/20 02:21	1

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

Lab Sample ID: MB 480-559650/1-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 559650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		20	0.82	ug/L		11/18/20 09:07	11/26/20 02:21	1
4,6-Dinitro-2-methylphenol	ND		40	0.66	ug/L		11/18/20 09:07	11/26/20 02:21	1
4-Bromophenyl phenyl ether	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 02:21	1
4-Chloro-3-methylphenol	ND		20	1.1	ug/L		11/18/20 09:07	11/26/20 02:21	1
4-Chlorophenyl phenyl ether	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 02:21	1
4-Nitrophenol	ND		40	10	ug/L		11/18/20 09:07	11/26/20 02:21	1
Acenaphthene	ND		20	0.81	ug/L		11/18/20 09:07	11/26/20 02:21	1
Acenaphthylene	ND		20	0.87	ug/L		11/18/20 09:07	11/26/20 02:21	1
Aniline	ND		40	1.5	ug/L		11/18/20 09:07	11/26/20 02:21	1
Anthracene	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 02:21	1
Benzidine	ND		320	35	ug/L		11/18/20 09:07	11/26/20 02:21	1
Benzo[a]anthracene	ND		20	1.1	ug/L		11/18/20 09:07	11/26/20 02:21	1
Benzo[a]pyrene	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 02:21	1
Benzo[b]fluoranthene	ND		20	1.2	ug/L		11/18/20 09:07	11/26/20 02:21	1
Benzo[g,h,i]perylene	ND		20	1.5	ug/L		11/18/20 09:07	11/26/20 02:21	1
Benzo[k]fluoranthene	ND		20	1.3	ug/L		11/18/20 09:07	11/26/20 02:21	1
Bis(2-chloroethoxy)methane	ND		20	0.75	ug/L		11/18/20 09:07	11/26/20 02:21	1
Bis(2-chloroethyl)ether	ND		20	0.93	ug/L		11/18/20 09:07	11/26/20 02:21	1
Bis(2-ethylhexyl) phthalate	ND		40	1.2	ug/L		11/18/20 09:07	11/26/20 02:21	1
Butyl benzyl phthalate	ND		20	1.1	ug/L		11/18/20 09:07	11/26/20 02:21	1
Chrysene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
Dibenz(a,h)anthracene	ND		20	1.5	ug/L		11/18/20 09:07	11/26/20 02:21	1
Diethyl phthalate	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
Dimethyl phthalate	ND		20	0.91	ug/L		11/18/20 09:07	11/26/20 02:21	1
Di-n-butyl phthalate	ND		20	1.6	ug/L		11/18/20 09:07	11/26/20 02:21	1
Di-n-octyl phthalate	ND		20	1.2	ug/L		11/18/20 09:07	11/26/20 02:21	1
Fluoranthene	ND		20	1.6	ug/L		11/18/20 09:07	11/26/20 02:21	1
Fluorene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
Hexachlorobenzene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
Hexachlorobutadiene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
Hexachlorocyclopentadiene	ND		20	5.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
Hexachloroethane	ND		20	0.60	ug/L		11/18/20 09:07	11/26/20 02:21	1
Indeno[1,2,3-cd]pyrene	ND		20	1.5	ug/L		11/18/20 09:07	11/26/20 02:21	1
Isophorone	ND		20	0.74	ug/L		11/18/20 09:07	11/26/20 02:21	1
Naphthalene	ND		20	0.86	ug/L		11/18/20 09:07	11/26/20 02:21	1
Decane	ND		40	1.6	ug/L		11/18/20 09:07	11/26/20 02:21	1
Nitrobenzene	ND		20	0.81	ug/L		11/18/20 09:07	11/26/20 02:21	1
N-Nitrosodimethylamine	ND		40	5.0	ug/L		11/18/20 09:07	11/26/20 02:21	1
N-Nitrosodi-n-propylamine	ND		20	0.89	ug/L		11/18/20 09:07	11/26/20 02:21	1
N-Nitrosodiphenylamine	ND		20	0.40	ug/L		11/18/20 09:07	11/26/20 02:21	1
n-Octadecane	ND		40	1.2	ug/L		11/18/20 09:07	11/26/20 02:21	1
Pentachlorophenol	ND		40	5.4	ug/L		11/18/20 09:07	11/26/20 02:21	1
Phenanthrene	ND		20	1.2	ug/L		11/18/20 09:07	11/26/20 02:21	1
Phenol	ND		20	0.35	ug/L		11/18/20 09:07	11/26/20 02:21	1
Pyrene	ND		20	1.4	ug/L		11/18/20 09:07	11/26/20 02:21	1
2,6-Dinitrotoluene	ND		20	1.0	ug/L		11/18/20 09:07	11/26/20 02:21	1

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

Lab Sample ID: MB 480-559650/1-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 559650

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	93		52 - 151	11/18/20 09:07	11/26/20 02:21	1
2-Fluorobiphenyl	108		44 - 120	11/18/20 09:07	11/26/20 02:21	1
2-Fluorophenol	76		17 - 120	11/18/20 09:07	11/26/20 02:21	1
Nitrobenzene-d5	105		15 - 314	11/18/20 09:07	11/26/20 02:21	1
Phenol-d5	57		8 - 424	11/18/20 09:07	11/26/20 02:21	1
p-Terphenyl-d14	119		22 - 125	11/18/20 09:07	11/26/20 02:21	1

Lab Sample ID: LCS 480-559650/2-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 559650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	30.1	J	ug/L		94	44 - 142
1,2-Dichlorobenzene	32.0	28.9	J	ug/L		90	32 - 129
1,3-Dichlorobenzene	32.0	27.5	J	ug/L		86	1 - 172
1,4-Dichlorobenzene	32.0	27.7	J	ug/L		87	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	28.6		ug/L		90	36 - 166
2,4,6-Trichlorophenol	32.0	36.1		ug/L		113	37 - 144
2,4-Dichlorophenol	32.0	34.8		ug/L		109	39 - 135
2,4-Dimethylphenol	32.0	33.0		ug/L		103	32 - 120
2,4-Dinitrophenol	64.0	60.4		ug/L		94	1 - 191
2,4-Dinitrotoluene	32.0	36.0		ug/L		112	39 - 139
2-Chloronaphthalene	32.0	31.1		ug/L		97	60 - 120
2-Chlorophenol	32.0	30.0		ug/L		94	23 - 134
2-Nitrophenol	32.0	33.2		ug/L		104	29 - 182
3,3'-Dichlorobenzidine	64.0	60.1		ug/L		94	1 - 262
4,6-Dinitro-2-methylphenol	64.0	64.3		ug/L		101	1 - 181
4-Bromophenyl phenyl ether	32.0	34.5		ug/L		108	53 - 127
4-Chloro-3-methylphenol	32.0	33.9		ug/L		106	22 - 147
4-Chlorophenyl phenyl ether	32.0	34.2		ug/L		107	25 - 158
4-Nitrophenol	64.0	56.2		ug/L		88	1 - 132
Acenaphthene	32.0	34.4		ug/L		108	47 - 145
Acenaphthylene	32.0	34.1		ug/L		106	33 - 145
Aniline	32.0	21.3	J	ug/L		67	40 - 120
Anthracene	32.0	33.8		ug/L		106	27 - 133
Benzo[a]anthracene	32.0	33.6		ug/L		105	33 - 143
Benzo[a]pyrene	32.0	35.8		ug/L		112	17 - 163
Benzo[b]fluoranthene	32.0	39.0		ug/L		122	24 - 159
Benzo[g,h,i]perylene	32.0	37.2		ug/L		116	1 - 219
Benzo[k]fluoranthene	32.0	37.6		ug/L		118	11 - 162
Bis(2-chloroethoxy)methane	32.0	32.1		ug/L		100	33 - 184
Bis(2-chloroethyl)ether	32.0	28.9		ug/L		90	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	35.6	J	ug/L		111	8 - 158
Butyl benzyl phthalate	32.0	37.7		ug/L		118	1 - 152
Chrysene	32.0	33.3		ug/L		104	17 - 168
Dibenz(a,h)anthracene	32.0	36.1		ug/L		113	1 - 227
Diethyl phthalate	32.0	37.0		ug/L		116	1 - 120
Dimethyl phthalate	32.0	34.8		ug/L		109	1 - 120

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

Lab Sample ID: LCS 480-559650/2-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 559650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	32.0	35.0		ug/L		109	1 - 120
Di-n-octyl phthalate	32.0	36.8		ug/L		115	4 - 146
Fluoranthene	32.0	34.3		ug/L		107	26 - 137
Fluorene	32.0	35.3		ug/L		110	59 - 121
Hexachlorobenzene	32.0	33.6		ug/L		105	1 - 152
Hexachlorocyclopentadiene	32.0	20.8		ug/L		65	5 - 120
Hexachloroethane	32.0	27.1		ug/L		85	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	35.4		ug/L		111	1 - 171
Isophorone	32.0	34.3		ug/L		107	21 - 196
Naphthalene	32.0	31.2		ug/L		98	21 - 133
Nitrobenzene	32.0	31.9		ug/L		100	35 - 180
N-Nitrosodi-n-propylamine	32.0	32.2		ug/L		101	1 - 230
N-Nitrosodiphenylamine	32.0	32.6		ug/L		102	54 - 125
Pentachlorophenol	64.0	62.4		ug/L		97	14 - 176
Phenanthrene	32.0	33.7		ug/L		105	54 - 120
Phenol	32.0	20.2		ug/L		63	5 - 120
Pyrene	32.0	36.3		ug/L		113	52 - 120
2,6-Dinitrotoluene	32.0	32.6		ug/L		102	50 - 158

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*52 - 151*
2-Fluorobiphenyl	*103*		*44 - 120*
2-Fluorophenol	*78*		*17 - 120*
Nitrobenzene-d5	*100*		*15 - 314*
Phenol-d5	*62*		*8 - 424*
p-Terphenyl-d14	*110*		*22 - 125*

Lab Sample ID: LCSD 480-559650/3-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 559650

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	31.6	J	ug/L		99	44 - 142	5	34
1,2-Dichlorobenzene	32.0	30.8	J	ug/L		96	32 - 129	6	38
1,3-Dichlorobenzene	32.0	29.4	J	ug/L		92	1 - 172	7	37
1,4-Dichlorobenzene	32.0	29.4	J	ug/L		92	20 - 124	6	40
2,2'-oxybis[1-chloropropane]	32.0	30.3		ug/L		95	36 - 166	6	36
2,4,6-Trichlorophenol	32.0	38.4		ug/L		120	37 - 144	6	20
2,4-Dichlorophenol	32.0	38.8		ug/L		121	39 - 135	11	23
2,4-Dimethylphenol	32.0	35.6		ug/L		111	32 - 120	7	18
2,4-Dinitrophenol	64.0	66.8		ug/L		104	1 - 191	10	29
2,4-Dinitrotoluene	32.0	39.1		ug/L		122	39 - 139	8	20
2-Chloronaphthalene	32.0	32.8		ug/L		102	60 - 120	5	30
2-Chlorophenol	32.0	32.0		ug/L		100	23 - 134	6	26
2-Nitrophenol	32.0	36.3		ug/L		113	29 - 182	9	28
3,3'-Dichlorobenzidine	64.0	61.5		ug/L		96	1 - 262	2	31
4,6-Dinitro-2-methylphenol	64.0	69.4		ug/L		108	1 - 181	8	30
4-Bromophenyl phenyl ether	32.0	35.6		ug/L		111	53 - 127	3	16

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

Lab Sample ID: LCSD 480-559650/3-A
Matrix: Water
Analysis Batch: 560967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 559650

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	32.0	36.9		ug/L		115	22 - 147	8	16
4-Chlorophenyl phenyl ether	32.0	37.4		ug/L		117	25 - 158	9	15
4-Nitrophenol	64.0	61.9		ug/L		97	1 - 132	10	24
Acenaphthene	32.0	34.6		ug/L		108	47 - 145	1	25
Acenaphthylene	32.0	35.3		ug/L		110	33 - 145	4	22
Aniline	32.0	20.1	J	ug/L		63	40 - 120	6	30
Anthracene	32.0	35.5		ug/L		111	27 - 133	5	15
Benzo[a]anthracene	32.0	33.9		ug/L		106	33 - 143	1	15
Benzo[a]pyrene	32.0	38.1		ug/L		119	17 - 163	6	15
Benzo[b]fluoranthene	32.0	41.6		ug/L		130	24 - 159	6	17
Benzo[g,h,i]perylene	32.0	41.4		ug/L		129	1 - 219	11	19
Benzo[k]fluoranthene	32.0	41.4		ug/L		129	11 - 162	10	19
Bis(2-chloroethoxy)methane	32.0	34.8		ug/L		109	33 - 184	8	23
Bis(2-chloroethyl)ether	32.0	31.4		ug/L		98	12 - 158	8	33
Bis(2-ethylhexyl) phthalate	32.0	36.0	J	ug/L		113	8 - 158	1	15
Butyl benzyl phthalate	32.0	34.8		ug/L		109	1 - 152	8	15
Chrysene	32.0	33.4		ug/L		105	17 - 168	1	15
Dibenz(a,h)anthracene	32.0	38.6		ug/L		121	1 - 227	7	18
Diethyl phthalate	32.0	38.4		ug/L		120	1 - 120	4	15
Dimethyl phthalate	32.0	37.0		ug/L		116	1 - 120	6	15
Di-n-butyl phthalate	32.0	36.5		ug/L		114	1 - 120	4	15
Di-n-octyl phthalate	32.0	36.3		ug/L		114	4 - 146	1	15
Fluoranthene	32.0	36.6		ug/L		114	26 - 137	7	15
Fluorene	32.0	38.7		ug/L		121	59 - 121	9	18
Hexachlorobenzene	32.0	34.9		ug/L		109	1 - 152	4	15
Hexachlorocyclopentadiene	32.0	23.4		ug/L		73	5 - 120	12	50
Hexachloroethane	32.0	28.8		ug/L		90	40 - 120	6	43
Indeno[1,2,3-cd]pyrene	32.0	38.6		ug/L		120	1 - 171	9	17
Isophorone	32.0	36.1		ug/L		113	21 - 196	5	21
Naphthalene	32.0	32.5		ug/L		101	21 - 133	4	31
Nitrobenzene	32.0	33.8		ug/L		106	35 - 180	6	27
N-Nitrosodi-n-propylamine	32.0	34.2		ug/L		107	1 - 230	6	23
N-Nitrosodiphenylamine	32.0	35.4		ug/L		111	54 - 125	8	15
Pentachlorophenol	64.0	66.1		ug/L		103	14 - 176	6	21
Phenanthrene	32.0	35.4		ug/L		111	54 - 120	5	16
Phenol	32.0	21.0		ug/L		66	5 - 120	4	36
Pyrene	32.0	35.7		ug/L		111	52 - 120	2	15
2,6-Dinitrotoluene	32.0	34.8		ug/L		109	50 - 158	6	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*125*		*52 - 151*
2-Fluorobiphenyl	*107*		*44 - 120*
2-Fluorophenol	*84*		*17 - 120*
Nitrobenzene-d5	*109*		*15 - 314*
Phenol-d5	*66*		*8 - 424*
p-Terphenyl-d14	*107*		*22 - 125*

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

Lab Sample ID: MB 480-559219/1-A
Matrix: Water
Analysis Batch: 559549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 559219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		11/16/20 08:34	11/18/20 01:35	1
PCB-1221	ND		0.060	0.038	ug/L		11/16/20 08:34	11/18/20 01:35	1
PCB-1232	ND		0.060	0.038	ug/L		11/16/20 08:34	11/18/20 01:35	1
PCB-1242	ND		0.060	0.038	ug/L		11/16/20 08:34	11/18/20 01:35	1
PCB-1248	ND		0.060	0.038	ug/L		11/16/20 08:34	11/18/20 01:35	1
PCB-1254	ND		0.060	0.031	ug/L		11/16/20 08:34	11/18/20 01:35	1
PCB-1260	ND		0.060	0.031	ug/L		11/16/20 08:34	11/18/20 01:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*36 - 121*	*11/16/20 08:34*	*11/18/20 01:35*	*1*
Tetrachloro-m-xylene	*118*		*42 - 135*	*11/16/20 08:34*	*11/18/20 01:35*	*1*

Lab Sample ID: LCS 480-559219/2-A
Matrix: Water
Analysis Batch: 559549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 559219

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.00	1.12		ug/L		112	69 - 123		
PCB-1260			1.00	1.25	*	ug/L		125	69 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*66*		*36 - 121*
Tetrachloro-m-xylene	*77*		*42 - 135*

Lab Sample ID: LCSD 480-559219/3-A
Matrix: Water
Analysis Batch: 559549

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 559219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1.00	1.20		ug/L		120	69 - 123	7	30
PCB-1260			1.00	1.28	*	ug/L		128	69 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*36 - 121*
Tetrachloro-m-xylene	*109*		*42 - 135*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-559888/1-A
Matrix: Water
Analysis Batch: 560307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 559888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		11/19/20 08:44	11/20/20 21:52	1
Copper	ND		0.010	0.0016	mg/L		11/19/20 08:44	11/20/20 21:52	1
Lead	ND		0.010	0.0030	mg/L		11/19/20 08:44	11/20/20 21:52	1
Nickel	ND		0.010	0.0013	mg/L		11/19/20 08:44	11/20/20 21:52	1
Zinc	ND		0.010	0.0015	mg/L		11/19/20 08:44	11/20/20 21:52	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: LCS 480-559888/2-A
Matrix: Water
Analysis Batch: 560307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 559888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.200	0.192		mg/L		96	85 - 115
Copper	0.200	0.199		mg/L		99	85 - 115
Lead	0.200	0.195		mg/L		98	85 - 115
Nickel	0.200	0.184		mg/L		92	85 - 115
Zinc	0.200	0.202		mg/L		101	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-560192/1-A
Matrix: Water
Analysis Batch: 560267

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 560192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/20/20 13:27	11/20/20 17:10	1

Lab Sample ID: LCS 480-560192/2-A
Matrix: Water
Analysis Batch: 560267

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00682		mg/L		102	85 - 115

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-560896/44
Matrix: Water
Analysis Batch: 560896

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0035	mg/L			11/24/20 20:49	1

Lab Sample ID: LCS 480-560896/45
Matrix: Water
Analysis Batch: 560896

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	0.0931		mg/L		93	90 - 110

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

Lab Sample ID: MB 480-559154/1
Matrix: Water
Analysis Batch: 559154

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			11/14/20 19:36	1

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

Lab Sample ID: LCS 480-559154/2
Matrix: Water
Analysis Batch: 559154

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	973	956.8		mg/L		98	88 - 110

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-561230/1
Matrix: Water
Analysis Batch: 561230

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 480-559757/27
Matrix: Water
Analysis Batch: 559757

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	ND		0.010	0.0050	mg/L as P			11/18/20 14:19	1

Lab Sample ID: LCS 480-559757/28
Matrix: Water
Analysis Batch: 559757

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	0.192		mg/L as P		96	90 - 110

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-559077/1
Matrix: Water
Analysis Batch: 559077

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			11/13/20 13:10	1

Lab Sample ID: LCS 480-559077/2
Matrix: Water
Analysis Batch: 559077

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	172.4		mg/L		87	85 - 115

QC Association Summary

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

Job ID: 480-178120-1

GC/MS VOA

Analysis Batch: 741794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	624.1	
480-178120-2	TRIP BLANK	Total/NA	Water	624.1	
MB 460-741794/8	Method Blank	Total/NA	Water	624.1	
LCS 460-741794/4	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-741794/5	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 559650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	625	
MB 480-559650/1-A	Method Blank	Total/NA	Water	625	
LCS 480-559650/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-559650/3-A	Lab Control Sample Dup	Total/NA	Water	625	

Analysis Batch: 560967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	625.1	559650
MB 480-559650/1-A	Method Blank	Total/NA	Water	625.1	559650
LCS 480-559650/2-A	Lab Control Sample	Total/NA	Water	625.1	559650
LCSD 480-559650/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	559650

GC Semi VOA

Prep Batch: 559219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	3510C	
MB 480-559219/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-559219/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-559219/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 559549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	608.3	559219
MB 480-559219/1-A	Method Blank	Total/NA	Water	608.3	559219
LCS 480-559219/2-A	Lab Control Sample	Total/NA	Water	608.3	559219
LCSD 480-559219/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	559219

Metals

Prep Batch: 559888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	200.7	
MB 480-559888/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-559888/2-A	Lab Control Sample	Total/NA	Water	200.7	

Prep Batch: 560192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	245.1	
MB 480-560192/1-A	Method Blank	Total/NA	Water	245.1	
LCS 480-560192/2-A	Lab Control Sample	Total/NA	Water	245.1	

Metals

Analysis Batch: 560267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	245.1	560192
MB 480-560192/1-A	Method Blank	Total/NA	Water	245.1	560192
LCS 480-560192/2-A	Lab Control Sample	Total/NA	Water	245.1	560192

Analysis Batch: 560307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	559888
MB 480-559888/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	559888
LCS 480-559888/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	559888

Analysis Batch: 560887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	200.7 Rev 4.4	559888

General Chemistry

Analysis Batch: 559077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	SM 5210B	
USB 480-559077/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-559077/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 559154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	SM 2540D	
MB 480-559154/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-559154/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 559757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	SM 4500 P E	
MB 480-559757/27	Method Blank	Total/NA	Water	SM 4500 P E	
LCS 480-559757/28	Lab Control Sample	Total/NA	Water	SM 4500 P E	

Analysis Batch: 560896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	420.4	
MB 480-560896/44	Method Blank	Total/NA	Water	420.4	
LCS 480-560896/45	Lab Control Sample	Total/NA	Water	420.4	

Analysis Batch: 561230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	SM 4500 H+ B	
LCS 480-561230/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 561700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178120-1	BCC BSA SUMP	Total/NA	Water	SM 4500 CN G	

Lab Chronicle

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

Job ID: 480-178120-1

Client Sample ID: BCC BSA SUMP

Lab Sample ID: 480-178120-1

Date Collected: 11/11/20 09:45

Matrix: Water

Date Received: 11/13/20 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	741794	11/22/20 14:20	CJM	TAL EDI
Total/NA	Prep	625			559650	11/18/20 09:07	JMP	TAL BUF
Total/NA	Analysis	625.1		1	560967	11/26/20 03:46	PJQ	TAL BUF
Total/NA	Prep	3510C			559219	11/16/20 08:34	JMP	TAL BUF
Total/NA	Analysis	608.3		1	559549	11/18/20 04:46	NC	TAL BUF
Total/NA	Prep	200.7			559888	11/19/20 08:44	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		2	560887	11/24/20 18:50	LMH	TAL BUF
Total/NA	Prep	200.7			559888	11/19/20 08:44	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	560307	11/20/20 23:55	LMH	TAL BUF
Total/NA	Prep	245.1			560192	11/20/20 13:27	BMB	TAL BUF
Total/NA	Analysis	245.1		1	560267	11/20/20 17:13	BMB	TAL BUF
Total/NA	Analysis	420.4		1	560896	11/24/20 21:55	SRA	TAL BUF
Total/NA	Analysis	SM 2540D		1	559154	11/14/20 19:36	CSS	TAL BUF
Total/NA	Analysis	SM 4500 CN G		1	561700	11/24/20 16:22	JJP	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	561230	11/29/20 10:17	KEB	TAL BUF
Total/NA	Analysis	SM 4500 P E		5	559757	11/18/20 14:19	CRK	TAL BUF
Total/NA	Analysis	SM 5210B		1	559077	11/13/20 13:10	SRW	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-178120-2

Date Collected: 11/11/20 00:00

Matrix: Water

Date Received: 11/13/20 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	741794	11/22/20 13:58	CJM	TAL EDI

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-178120-1
Project/Site: Buffalo Color GWTF Sump

Laboratory: Eurofins TestAmerica, 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	04-01-21

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
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

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-20-00244	11-03-23

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

Method Summary

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

Job ID: 480-178120-1

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

Protocol References:

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

EPA = US Environmental Protection Agency

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

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

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

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

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

Job ID: 480-178120-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-178120-1	BCC BSA SUMP	Water	11/11/20 09:45	11/13/20 16:00	
480-178120-2	TRIP BLANK	Water	11/11/20 00:00	11/13/20 16:00	

Quantitation Limit Exceptions Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-178120-1
Project/Site: Buffalo Color GWTF 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

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: John Schove	Site Contact: Tom Wagner	Date: 11-11-2020	COC No: 480-143445-6057.1
Ontario Specialty Contracting Inc	Tel/Fax: 716-912-9926	Lab Contact: John Schove	Carrier: OSC	1 of 1 COCs
~~333 Ganson Street~~ 140 Lee St.	Analysis Turnaround Time			Job No. 16011
Buffalo, NY ~~14203~~ 14210	Calendar (C) or Work Days (W)			
(716) 856-3333 Phone	TAT if different from Below			SDG No.
(716) 842-1785 FAX	[X] 2 weeks			
Project Name: Buffalo Color GWTF Sump	[ ] 1 week			
Site: Honeywell Buffalo Color - NYC915230	[ ] 2 days			
PO# 64079	[ ] 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	4500_P_E - Phosphorus	200.7 , 245.1	420.4 - Phenolics, Total Recoverable	624_Sml - [redacted] Priority Pollutant List - VOA - 62	608_PCB - Priority Pollutant PCBs	625 - [redacted] Priority Pollutant List - SVOA - 6	5210B - Biochemical Oxygen Demand	2540D - Total Suspended Solids	SM4500CN_G_Calc - Local Method	SM4500_H+ - pH	Sample Specific Notes:
BCC_BSA_Sump_	11/11/20	945	C	W	19	N	1	1	1	8	2	2	1	1	1	1	
Trip Blank	N/A	N/A	N/A	W	2	N				2							
Container Volume (mL)							250	250	250	40	1000	1000	1000	500	250	125	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							3	4	3	2	1	1	1	1	5	1	

480-178120 Chain of Custody

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

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

Special Instructions/QC Requirements & Comments:

Temp 3.9# ICE

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Tom Wagner	OSC	11-11-20	Courtney Kolb	TA	11/11/20 1606
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-60175.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Schove@Eurofinset.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-178120-1
Address: 777 New Durham Road, ,	Due Date Requested: 11/25/2020			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: OSC- Former Buffalo Color Sites - 37745	Project #: 48003159			
Site: Honeywell- Buffalo Sites	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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)	624.1_PREC/624_Prep Priority Pollutant List - VOA - 624	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
BCC BSA SUMP (480-178120-1)	11/11/20	09:45 Eastern		Water			X	8	
TRIP BLANK (480-178120-2)	11/11/20	Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out 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 TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

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: [illegible]	Date/Time: 11/13/20 1700	Company TA	Received by: [illegible]	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [illegible]	Date/Time: 11/14/20 1100	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1207930	Cooler Temperature(s) °C and Other Remarks: 2.4

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-178120-1

Login Number: 178120
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-178120-1

Login Number: 178120
List Number: 2
Creator: Meyers, Gary

List Source: Eurofins TestAmerica, Edison
List Creation: 11/14/20 12:28 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1207930
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.	True	

Field Data Collection Sheets

Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
10/1/2020					1	1		1	1	1			
10/2/2020					1	1		1	1	1			
10/3/2020													
10/4/2020													
10/5/2020					1			1	1	1			
10/6/2020						1		1					
10/7/2020					1			1					
10/8/2020							1	1		1			
10/9/2020					1	1		1	1	1			
10/10/2020													
10/11/2020													
10/12/2020					1			1	1	1			
10/13/2020						1		1					
10/14/2020								1		1			
10/15/2020							1	1	1		1		Well #4 Jetter clean, acid
10/16/2020					1	1		1	1	1		1	
10/17/2020													
10/18/2020													
10/19/2020					1			1	1	1			
10/20/2020								1					
10/21/2020						1		1		1			
10/22/2020							1	1					
10/23/2020					1	1		1	1	1			
10/24/2020													
10/25/2020													
10/26/2020					1			1	1	1			
10/27/2020								1			1		
10/28/2020						1		1		1			
10/29/2020								1	1	1			Well #5 Jetter clean, bleach
10/30/2020													
10/31/1930													
11/1/2020													
11/2/2020					1	1	1	1	1	1			Gac Sample
11/3/2020													
11/4/2020						1		1	1	1			
11/5/2020								1					
11/6/2020					1	1		1	1	1			
11/7/2020													
11/8/2020													
11/9/2020					1			1	1	1			
11/10/2020								1					
11/11/2020						1		1	1				
11/12/2020					1	1		1	1	1			
11/13/2020													
11/14/2020													
11/15/2020													
11/16/2020					1			1	1	1	1		Run D well pumps
11/17/2020						1		1	1	1			
11/18/2020					1			1				1	
11/19/2020						1		1		1			
11/20/2020					1	1		1	1	1			
11/21/2020													
11/22/2020													
11/23/2020					1			1	1	1			
11/24/2020						1		1			1		
11/25/2020					1	1	1	1	4	4			lean Tank #10, Lines for #5 & #1

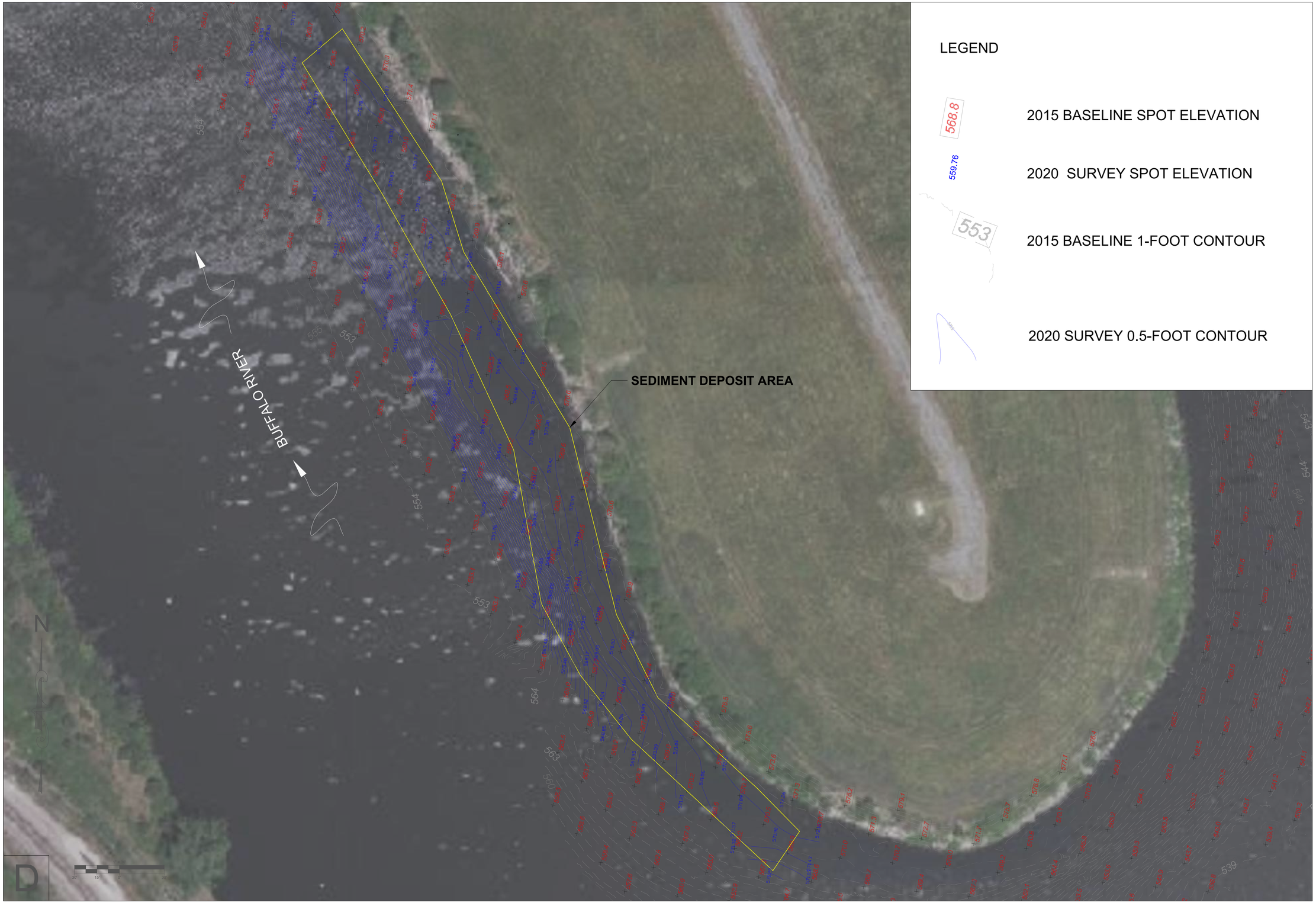
Buffalo Color GWTF Daily Maintenance & Repair Log

DATE	D1A GAC SERVICE	D1B GAC SERVICE	D2 GAC SERVICE	MMF SERVICE	D1A GAC FLUSH	D1B GAC FLUSH	D2 GAC FLUSH	MMF FLUSH	BF 1A CHANGE	BF 1B CHANGE	BF 2A CHANGE	BF 2B CHANGE	ADDITIONAL NOTES / NON ROUTINE REPAIR & MAINTENANCE
11/26/2020													
11/27/2020													
11/28/2020					1	1		1	1	1			
11/29/2020													
11/30/2020					1	1		1		1			
12/1/2020								1					
12/2/2020						1		1					
12/3/2020								1					
12/4/2020					1	1	1	1	1	1			
12/5/2020													
12/6/2020													
12/7/2020					1	1		1	1	1			
12/8/2020								1					
12/9/2020					1			1					
12/10/2020						1	1	1					
12/11/2020					1	1		1	1	1			
12/12/2020													
12/13/2020													
12/14/2020					1			1		1		1	
12/15/2020						1		1					
12/16/2020					1			1					
12/17/2020								1					
12/18/2020					1	1		1	1	1			
12/19/2020													
12/20/2020													
12/21/2020					1			1		1	1		
12/22/2020						1		1					
12/23/2020					1	1		1	1	1			
12/24/2020													
12/25/2020													
12/26/2020					1			1		1			
12/27/2020													
12/28/2020					1			1	1	1			
12/29/2020							1						
12/30/2020					1	1		1	1	1	1		
12/31/2020													

Buffalo Color GWTF Weekly Process Assessment

		Bag Filter F-1A/1B		Bag Filter F-2A/2B		Multi-Media Filter F-30		LGAC CA-40 and CA-41						Effluent Tank No. 1 T-28				Effluent Tank No. 2 T-27			Discharge Lines To BSA Sump					
Date	Assodate	Influent Pressure PI-1A	Effluent Pressure PI-1B	Influent Pressure PI-107A	Effluent Pressure PI-107B	Influent Pressure PI-30A	Effluent Pressure PI-30B	Flow Rate FE-60	Lead Influent Pressure PI-40A	Lead Effluent Pressure PI-40B	Lag Influent Pressure PI-41A	Lag Effluent Pressure PI-41B	PH Meter	Pressure PI-106A/B	Flow Rate FE-106	Totalizer FE-106	Pressure PI-106C	Flow Rate FE-107	Totalizer FE-107	Presure PI-107C	Leak Detection Vault No. 1 Pressure PI-106D	Leak Detection Vault No. 1 Pressure PI-107D	Leak Detection Vault No. 3 Pressure PI-106E	Leak Detection Vault No. 3 Pressure PI-107E	Containment Line Pressure Gauge Checks	Column1
10/2/2020	TW	45	42	33	19	37	32	22	34	29	31	26	7.34	20	22.1	30,698,890	20	21.9	428,020	19	4	10	1	2	y	
10/9/2020	TW	45	42	33	22	37	30	21.2	31	27	29	24	7.7	18	21.2	30,773,948	19	22.8	442,838	22	4	11	1	3	y	
10/16/2020	TW	45	43	33	24	39	31	21.2	31	24	30	26	7.49	20	21.3	30,847,566	20	25.3	456,198	24	4	11	1	3	y	
10/26/2020	TW	45	37	33	18	33	28	20.9	25	25	27	23	7.68	17	19.5	30,953,548	18	21.1	473,954	18	3	9	0	2	y	
10/30/2020	TW	47	43	33	27	39	33	21.2	29	28	32	28	7.58	22	21.2	30,988,854	22	25.5	479,930	27	4	11	1	3	y	
11/9/2020	TW	47	45	33	21	41	29	19.9	27	26	28	24	7.52	18	19.3	31,096,120	19	23.8	496,447	24	3	10	0	2	y	
11/16/2020	TW	47	44	33	20	40	25	17,70	24	22	25	22	7.62	17	20.1	31,167,422	18	22.3	506,852	21	2	9	0	2	y	
11/20/2020	TW	47	45	33	17	40	28	18.2	25	24	27	23	7.6	18	18.1	31,214,062	19	16.7	513,576	16	1	8	0	2	y	
11/30/2020	TW	45	44	33	22	40	32	21.6	33	26	28	23	7.59	17	21.8	31,308,226	17	23.3	528,054	22	3	10	0	3	y	
12/4/2020	TW	45	43	33	21	38	32	21.3	33	26	28	23	7.69	17	21.3	31,352,296	18	22.1	534,045	22	6	11	2	3	y	
12/11/2020	TW	46	45	27	17	41	33	20.4	32	26	28	23	7.67	18	20.5	31,425,354	18	16.6	543,667	15	1	10	1	2	y	
12/18/2020	TW	46	45	33	15	40	32	20.3	32	26	29	25	7.71	20	20.2	31,499,330	20	23.3	552,370	14	1	7	1	2	y	
12/23/2020	TW	46	42	33	20	36	31	19.2	32	24	26	23	7.67	17	19.2	31,555,046	18	22	558,075	20	3	9	1	2	y	
12/30/2020	TW	46	43	33	19	38	31	19.2	32	24	25	22	7.63	17	19.2	31,629,110	18	20.9	566,410	19	3	10	2	3	y	

ATTACHMENT F – Bathymetric Survey Figure



DRAWING BY

CHECKED

APPROVED

Figure 1

Sediment Deposit Area
2020 Evaluation
Former Buffalo Color Corporation
Area D
NYSDEC Site No. 915012

INVENTUM ENGINEERING
481 CARLISLE DRIVE
SUITE 202
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 1

DRAWING NUMBER

ATTACHMENT G – Emerging Contaminant Sampling Report Approval

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

September 22, 2021

Todd Waldrop
Inventum Engineering
481 Carlisle Drive, Suite 202
Herdon, VA 20170

Re: Site Management (SM) –
Emergent Contaminant Sampling Report –
Re-Sampling Data
Buffalo Color Area "D", Buffalo
Erie County, Site No.: **915012**

Dear Todd Waldrop:

The Department has reviewed and hereby accepts your Emerging Contaminant Sampling Report – Re-Sampling Data submitted September 2, 2021. As stated within the August 5, 2021 Emergent Contaminant Sampling Report Letter, please notify the Buffalo Sewer Authority of the concentration of emergent contaminants that are being discharged from the site. Please copy the Department on this correspondence. If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

Sincerely,

Megan Kuczka
Environmental Program Specialist – 1

ec: Andrea Caprio – NYSDEC
Eugene Melnyk – NYSDEC
Jacquelyn Nealon - NYSDOH
Jon Williams – South Buffalo Development, LLC
John Black – Inventum Engineering
John Yensan – OSC, Inc.
Kirsten Colligan – OSC, Inc.
Rich Galloway - Honeywell

ATTACHMENT H – GAC Reactivation Bill of Ladings

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830	020-1215
Ship To	**Date:** 10/1/2020
OSC 1037 South Park Ave Buffalo NY 4210 Tel: 401.946.7838	**Carrier Name:** Expedite Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
Expedite	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
64011	1 Super Sacks	1,000 LBS	Y	N	
	2 Empty Totes	0 LBS			
Grand Total		1,000 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
1	Pallets	1	S/S	1,075 LBS		8 x 30 Coal Based Activated Carbon	70	40590
		2	Totes	0 LBS		Empty Totes		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date

Joseph Jerell III 10-1-20

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:

☐ By shipper

☐ By driver

Freight Counted:

☐ By shipper

☐ By driver/pallets said to contain

☐ By driver/pieces

Carrier Signature/Pickup Date

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830	021-0128
Ship To	**Date:** 2/3/2021
OSC 1037 South Park Ave Buffalo NY 4210 Tel: 401.946.7838	**Carrier Name:** Expedite Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
Expedite	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
64024	1 Super Sacks	1,000 LBS	Y	N	
	2 Empty Totes	0 LBS			
Grand Total		1,000 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
1	Pallets	1	S/S	1,075 LBS		8 x 30 Coal Based Activated Carbon	70	40590
		2	Totes	0 LBS		Empty Totes		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____."

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date	Trailer Loaded:	Freight Counted:	Carrier Signature/Pickup Date
This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.	☐ 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.

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830	021-0635
Ship To	**Date:** 5/24/2021
OSC 1037 South Park Ave Buffalo NY 4210 Tel: 401.946.7838	**Carrier Name:** Expedite Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
Expedite	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
64035	1 Super Sacks	1,000 LBS	Y	N	
	2 Empty Totes	0 LBS			
Grand Total		1,000 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
1	Pallets	1	S/S	1,075 LBS		8 x 30 Coal Based Activated Carbon	70	40590
		2	Totes	0 LBS		Empty Totes		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date	Trailer Loaded:	Freight Counted:	Carrier Signature/Pickup Date
5-24-21 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.

Exp: 2 Totes 5/24/21
1 Pallett

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830	021-0596
Ship To	**Date:** 5/13/2021
OSC 1037 South Park Ave Buffalo NY 4210 Tel: 401.946.7838	**Carrier Name:** Expedite Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
Expedite	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
64034	1 Super Sacks	1,000 LBS	Y	N	
	2 Empty Totes	0 LBS			
Grand Total		1,000 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
1	Pallets	1	S/S	1,075 LBS		8 x 30 Coal Based Activated Carbon	70	40590
		2	Totes	0 LBS		Empty Totes		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date

John Greenlaw 5-13-21

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:

☐ By shipper

☐ By driver

Freight Counted:

☐ By shipper

☐ By driver/pallets said to contain

☐ By driver/pieces

Carrier Signature/Pickup Date

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830	**021-1084**
Ship To	**Date:** **8/26/2021**
OSC 1037 South Park Ave Buffalo NY 4210 Tel: 401.946.7838	**Carrier Name:** **Expedite** Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
Expedite	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
64043	1 Super Sacks	1,000 LBS	Y	N	
	2 Empty Totes	0 LBS			
Grand Total		1,000 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
1	Pallets	1	S/S	1,075 LBS		8 x 30 Coal Based Activated Carbon	70	40590
		2	Totes	0 LBS		Empty Totes		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

COD Amount: $

Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.

The carrier shall not make delivery of this shipment without payment of charges and all other lawful fees.

Shipper Signature

Shipper Signature/Date	Trailer Loaded:	Freight Counted:	Carrier Signature/Pickup Date
John Greathen 8-26-21 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.

Bill of Lading – Short Form – Not Negotiable

Ship From	Bill of Lading Number:
Carbon Activated Corporation 3774 Hoover Road Blasdell, NY 14219 Tel: 716.821.7830	**021-1247**
Ship To	**Date:** 9/29/2021
OSC 3875 River Road Tonowanda NY 14150 Tel: 401.946.7838	**Carrier Name:** Expedite Trailer number: Serial number(s):
Third Party Freight Charges Bill to	**SCAC:**
Expedite	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
65010	3 Super Sacks	3,000 LBS	Y	N	
Grand Total		3,000 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
3	Pallets	3	S/S	3,000 LBS		8 x 30 Coal Based Activated Carbon	70	40590

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

Joslyn Trenel 9-29-21

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:

☐ By shipper

☐ By driver

Freight Counted:

☐ By shipper

☐ By driver/pallets said to contain

☐ By driver/pieces

Carrier Signature/Pickup Date

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.