2024

PERIODIC REVIEW REPORT

FOR
FORMER MOBIL SERVICE STATION 99-MST
979 MAIN STREET (1001 MAIN STREET)
NYSDEC SITE #C915260
CITY OF BUFFALO, ERIE COUNTY, NEW YORK

Prepared by:

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141 ELM STREET
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Prepared on Behalf of:

KALEIDA HEALTH

KALEIDA PROPERTIES, INC.

SEAVEST CORE BUFFALO CONVENTUS, LLC

APRIL 2024

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ACRONYM LIST

C&S	C&S ENGINEERS, INC.
BGS	BELOW GROUND SURFACE
BCP	BROWNFIELD CLEANUP PROGRAM
BCA	BROWNFIELD CLEANUP AGREEMENT
BTEX	BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE
DUSR	DATA USABILITY AND SUMMARY REPORT
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID
IRM	INTERIM REMEDIAL MEASURES
NYSDEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PCOC	PRIMARY CONTAMINATE OF CONCERN
PID	PHOTO-IONIZATION DETECTOR
PPM	PARTS PER MILLION
RI	REMEDIAL INVESTIGATION
SCO	SOIL CLEANUP OBJECTIVES
SMP	SITE MANAGEMENT PLAN
SVOC	SEMI-VOLATILE ORGANIC COMPOUNDS
VOC	VOLATILE ORGANIC COMPOUNDS

EXECUTIVE SUMMARY

C&S Engineers, Inc. (C&S) has prepared this 2023 - 2024 Periodic Review Report for the former Mobil Service Station 99-MST - 979 Main Street (1001 Main Street) (hereinafter referred to as the Site) located at 1001 Main Street in Buffalo, New York.

The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index #C915260-03-12, Site #C915260, which was executed on June 15, 2012 and amended on:

- August 7, 2012 to modify the BCP boundary increasing the size of the Site;
- January 3, 2014 to add Conventus Partners, LLC as an owner; and
- November 7, 2014 to change SBL numbers for the Site.

BCA Volunteers included Kaleida Properties Inc., Kaleida Health and F.L.C 50 High Street Corporation. In December 2020, Conventus Partners, LLC and Kaleida Properties Inc. entered a ground lease for the property with Seavest Core Buffalo Conventus LLC to operate and maintain the property. A figure showing the Site location and boundaries is provided in **Figure 1** and **Figure 2**.

Remedial activities consisted of installing steel shoring around the property and removing contaminated soil and groundwater to approximately 26 – 40 feet below ground surface. After completion of the remedial work, some contamination remained in the subsurface at this Site. A Site Management Plan (SMP) was prepared on November 28, 2014 to manage remaining groundwater contamination at the Site until the Environmental Easement is extinguished in accordance with ECL Article 71, Title 36.

Petroleum contaminated groundwater is present within a discontinuous layer of coarse sand and gravel located between 32 and 35 feet below ground surface. This layer generally ranges from 6 inches to three feet thick, provides a preferential pathway for groundwater flow, and is confined within dense silt and fine sand present above and below the groundwater bearing zone.

During the remedial efforts, seven groundwater monitoring wells were installed prior to the installation of the two floors of underground parking. These monitoring wells were used to conduct in-situ injections by gravity feeding chemical oxidants into the groundwater bearing zone. A total of 2,480 pounds of chemical oxidant was used over three treatment events. Treatments occurred from December 2013 to June 2015. Groundwater samples following the in-situ injections show minor reductions in petroleum compounds.

In 2016, C&S conducted a limited groundwater extraction on the wells with the highest contaminant levels. Contaminated groundwater was pumped from the wells and treated with 200 pounds of activated carbon before discharging into the sanitary sewer. A total of 4,762.2 gallons of contaminated groundwater was removed. Groundwater samples collected in December 2015, January 2016 and March 2016 showed a slight reduction in petroleum compound concentrations.

The current ISCO treatment method is smaller pressurized injections around each target location on a periodic schedule. A total of six temporary PVC injection points were installed around BCP-MW-6 and BCP-MW-5. Each treatment injects a total of 800 pounds (130 pounds per injection point) of chemical oxidant. Groundwater monitoring is conducted biannually.

All institutional and engineering controls are in compliance with the SMP. To address the continued elevated concentrations of petroleum compounds in the groundwater, C&S recommends the completion of additional treatment methods, including the implementation of a slow release chemical oxidation method.

The Institutional and Engineering Controls Certification form is provided in **Appendix B**.

1 SITE OVERVIEW

1.1 Site Description

The Site is located in the City of Buffalo County of Erie County, New York and is identified below on the Erie County Tax Map.

SBL: 100.79 – 1- 1.1

Street Number: 1001 Main Street, Buffalo

(formerly 979 Main Street)

Land Owner:

SBL: 100.79 – 1- 1.1/1

Street Number: 1001 Main Street, Buffalo

(formerly 979 Main Street)

Land Owner: Seavest Core Buffalo Conventus, LLC

SBL: 100.79 – 1- 1.1/2

Street Number: 1001 Main Street, Buffalo

(formerly 979 Main Street)

1st – 6th Floor Building Owner: Seavest Core Buffalo Conventus, LLC

SBL: 100.79 – 1- 1.1/3

Street Number: 1001 Main Street, Buffalo

(formerly 979 Main Street)

7th Floor Building Owner: Fort Schuyler Management Corp. (an entity New York State).

The Site is an approximately 1.72-acre area bounded by Goodrich Street to the north, High Street to the south, parking lot to the east, and Main Street to the west. The BCP project boundary extends approximately 40 feet east onto the adjacent eastern parcel (818 Ellicott Street, SBL: 100.79-1-2.11) owned by Kalieda Health. (see **Figure 1 and 2**).

1.2 Geology and Hydrogeology

The Conventus Medical Office Building currently occupies the Site. During remedial activities, steel shoring was installed to a depth of 40 to 50 feet below grade around the Site. Across the majority of the Site, soils were excavated to 26 feet below ground surface (bgs). Two floors of underground parking were constructed underneath the Conventus building.

The Site geology begins at 26 feet bgs. Subsurface soils consist of dry to moist fine sand and silt formation extends to nearly 70 feet bgs. Below this massive sand and silt formation is a discontinuous coarse sand and gravel layer that grades to a sand, gravel; and clay till formation. Underlying the overburden is a grey cherty limestone formation at approximately 90 feet bgs.

The principal groundwater bearing zone beneath the Site is located within the coarse sand and gravel layer between 32 and 35 feet bgs. This layer is of variable thickness (generally 6 inches to three feet) but is horizontally discontinuous. The layer is located within the central and northeastern portions of the Site, but does not extend completely to the southern, northwestern or southeastern areas of the Site and is confined by the dense fine sands and silt above and below the groundwater bearing zone.

1.3 Nature and Extent of Contamination

During the Interim Remedial Measure (IRM), grossly contaminated soil and groundwater were removed from the Site. In total, 67,458 tons of soils were sent for disposal or treatment due to gasoline contamination. The remaining contamination left on-site consists of petroleum impacted groundwater. Groundwater sampling that occurred prior to the IRM confirmed that the Primary Contaminants of Concern (PCOCs) are limited to petroleum hydrocarbons.

Groundwater flows within the coarse sand/gravel groundwater bearing zone to the northeast. Groundwater recharge from the surface has been eliminated due to the concrete floor of the parking garage, which effectively covers 100% of the Site recharge area. Additionally, below grade migration has been effectively stopped by the presence of deep sheet piling that cuts off the groundwater bearing zone from the remaining off-site formation around the majority of the Site. The lack of a vertical recharge from the surface and the horizontal containment in the groundwater bearing zone was designed to contain the remaining groundwater on-site and reduces the future contaminant loading into the surrounding off-site formation. However, a small gap in the sheet piling along the southwestern corner may provide a route for off-site contamination to impact the Site's groundwater.

1.4 Site History

Contamination is related to the historic use of the property as a gas station and originally was sourced from leaking underground storage tanks located above the "Deep Excavation Area" (see **Figure 3**).

For over 40 years, the light non-aqueous phase liquid (LNAPL) filtered downward from the base of the tank to a depth of approximately 40 feet bgs. LNAPL intercepted the groundwater at approximately 32 feet bgs. The water table is present within a semi-confined coarse sand and gravel lens. This lens varies in thickness (1/2 to 3 feet) and extends to the northeast, confined laterally to the east and west. Because of low carbon in the fine sand silt and gravel formations, breakdown of benzene, toluene, ethylbenzene and xylene (BTEX) compounds was slow. This resulted in high volatile organic compounds (VOC) soil gas in the unsaturated zone below the release area and the continual loading of BTEX into the groundwater from the LNAPL. Soil Contamination (exceeding Residential Use SCOs), below the LNAPL layer was noted to extend to a depth of 35 to 40 feet bgs. This area has been identified as the Source Area for groundwater contamination.

Dissolved BTEX, once entering the groundwater bearing zone was transported via localized, preferential groundwater flow to the northeast corner of the Site (Following the location of the coarse sand/gravel lens).

To redevelop the property into a medical office building, the Applicants (BCP F.L.C. 50 High Street, Corporation, Kaleida Health, Kaleida Properties, Inc. and Conventus

Partners, LLC) acting as Brownfield Cleanup Program (BCP) Volunteers, submitted a BCP Application for the Site on November 28, 2011. The Applicants and the New York State Department of Environmental Conservation (NYSDEC) signed the Brownfield Cleanup Agreement (BCA) on June 15, 2012.

The NYSDEC approved IRM was implemented on January 2013. The following is a summary of the IRM performed at the Site:

1. Excavation of soil/fill exceeding restricted residential SCOs to 26 feet bgs;
2. Excavation of soil from the Source Area to 40 feet bgs;
3. Removal of LNAPL and contaminated groundwater;
4. Backfilling with clean fill and construction of concrete floor;
5. Backfilling the Source Area with flowable fill; and
6. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site.

The removal of soils in the Source Area ("Area of Deep Excavation" in **Figure 3**) also included the removal of the groundwater bearing zone. During soil removal, 1,997 tons of groundwater and LNAPL was removed from the excavation and properly disposed off-site. The groundwater bearing zone within the Source Area was replaced with flowable fill, sealing this area off from the adjacent groundwater bearing zone beneath the Site.

Remedial activities were completed at the Site in October 2013. Implementation of the IRM, including source removal, was effective in removing any remaining free product grossly contaminated soils and the groundwater containing the highest dissolved BTEX. However, residual groundwater contamination remains on-site.

Following mass excavation activities, seven new wells were installed on-site.

Table 1-1: Post-Remediation Wells

Well ID	Diameter
BCP-MW-1	2"
BCP-MW-2	8"
BCP-MW-3	8"
BCP-MW-4	2"

BCP-MW-5	2"
BCP-MW-6	8"
BCP-MW-7	2"

Note that one well (BCP-MW-2) was installed adjacent to the flowable fill within the Source Area. This well did not produce water. A second well, BCP-MW-6, was installed along the western side of the deep excavation, along the tiered excavation area and did intercept the portion of the groundwater bearing zone remaining along the shoring. This well did produce water for sampling. All other wells were installed through native materials and the gravel water bearing layer. All wells were installed to an approximate depth of 43 feet below surrounding grade (approximately 16 feet below basement floor elevation).

The monitoring well locations were located in areas of previously identified groundwater contamination and to the south of the plume to confirm that contamination had not moved off-site to the south.

BCP-MW-2 was installed adjacent to the Source Area that was backfilled with flowable fill. Since its installation, this well has been dry. NYSDEC requested the well be modified to evaluate if groundwater underneath the flowable fill mass contains residual contamination. On October 7, 2015 Nature's Way Environmental installed a 1-inch PVC well through the existing BCP-MW-2 to a final depth of 50 feet bgs. The modified well has remained dry. This provides additional evidence that groundwater and petroleum contamination are limited to the coarse sand and gravel layer 32 to 35 feet bgs.

1.4.1 Pump and Treat Pilot Studies

Limited groundwater extraction was conducted on-site to determine if contaminant levels could be reduced using pump and treat techniques. The first pilot study was implemented from December 2015 to March 2016. A second pilot study was implemented from November 2016 to January 2017.

Groundwater was removed using submersible electric pumps. The total volume of groundwater removed was 4,762.2 gallons during the first event and 6,161 gallons during the second event.

Groundwater sampling was conducted before and after the groundwater withdrawal events. Based on sampling results, the Pump-and-Treat Pilot studies did not appear to have a significant effect on the groundwater contaminant concentrations.

1.4.2 In-situ Injections

The remedial method selected for the Site was in-situ chemical oxidation (ISCO) using RegenOX manufactured by Regenesis. RegenOX is sodium percarbonate

formulated to degrade petroleum hydrocarbons through direct oxidation and through the generation of free radical compounds which will also oxidize contaminants. RegenOx produces minimal heat and pressure and is non-corrosive, making it a relatively safe chemical oxidant that is compatible for use in direct contact with underground infrastructure such as utilities, tanks, piping, and communication lines. This was an important characteristic when selecting the ISCO product due to the close proximity of the monitoring wells to the earth retention sheeting for the Conventus Building.

The amount of RegenOX used was calculated based on Site specific data and professional experience of C&S and Regenesis. RegenOX was mixed with tap water in 55 gallon drums at a concentration of 100 pounds of RegenOX with 110 gallons of water for each location.

In-situ treatment consisted of gravity-feeding a chemical oxidizer mixed with water directly into monitoring wells, BCP-MW-3, BCP-MW-4, BCP-MW-5, and BCP-MW-6,. Groundwater samples were collected approximately three months after treatment. The first ISCO treatment was conducted on December 12, 2013.

Evaluation of the gravity fed treatments determined this method was not effective at reducing groundwater contaminants. A work plan for increasing the amount of treatment solution using pressure injections was developed. Borings were advanced in the lower floor of underground parking to apply in-situ treatments under pressure directly into the contaminated sand and gravel lens.

The ISCO solution was directly injected into the soil in 12 borings in the sub-basement. Three borings were advanced adjacent to each monitoring wells listed below:

- BCP-MW-3
- BCP-MW-5
- BCP-MW-4
- BCP-MW-6

Each injection boring had to be carefully located to avoid hitting utilities located underneath the floor, with the intent of being within 10 to 15 feet of each monitoring well. Each injection boring was advanced into the coarse sand and gravel layer, approximately 15 feet below the concrete floor.

The ISCO solution was pumped from the mixing station to a truck mounted geo-probe and into the subsurface. The mix of RegenOX and water was injected under pressure in each boring, and the 12 injection borings received approximately 100 pounds of RegenOx. Additionally, 100 pounds of ISCO material was gravity fed directly into each monitoring well. A total of 1,600 pounds of RegenOx was used for

each treatment event. For two treatments, a total of 3,200 pounds of RegenOX was used. These large treatment events resulted in mixed results; some locations showed an increase in contaminant concentrations, likely due to additional petroleum desorption, other locations indicated a significant decrease of petroleum contaminants.

Starting in 2018 ISCO treatment method changed to smaller pressurized injections around each target location on a quarterly schedule. A total of six temporary PVC injection points were installed around BCP-MW-6 and BCP-MW-5. Each quarterly treatment injects a total of 800 pounds (130 pounds per injection point) of chemical oxidant. Groundwater monitoring is conducted biannually.

The following provides all ISCO injections that have occurred to date:

December 12, 2013

July 28, 2014

June 24, 2015

May 24 – 25, 2017

September 13 - 15, 2017

May 31, 2018

July 6, 2018

October 1, 2018

January 8 – 11, 2019

June 11 - 12, 2019

October 16 – 17, 2019

November 12 – 13, 2019

March 31 – April 1, 2020

June 23 – 24, 2020

September 21 – 24, 2020

January 5 – 8, 2021

June 1 – 4, 2021

August 13 – 14, 2021

October 13 – 14, 2021

2 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The table below presents a comparison of total VOC and BTEX concentrations from each monitoring well and the percent change from pre-treatment and post-treatment groundwater monitoring.

Table 2-1: VOC Concentration Change

Monitoring Well	*Percent Change Post Injections December 2022 to March 2023*	*Percent Change Post Injections March 2023 to August 2023*	*Percent Change Post Remediation Maximum to August 2023*
BCP MW-1	-100	-100	-100
BCP MW-3	-83	+2945	-100
BCP MW-4	+12	-75	-75
BCP MW-5	-89	+1025	-89
BCP MW-6	-100	-100	-100
BCP MW-7	-100	-100	-100

Note: Negative value indicates decrease in concentration and positives value indicates increase in concentration
BCP-MW-2 was dry. No samples were collected.

Table 2-2: BTEX Concentration Change

Monitoring Well	*Percent Change Post Injections December 2022 to March 2023*	*Percent Change Post Injections March 2023 to August 2023*	*Percent Change Post Remediation Maximum to August 2023*
BCP MW-1	-100	-100	-100
BCP MW-3	-91	+5605	-100
BCP MW-4	-1	-65	-67
BCP MW-5	-89	+1154	-89
BCP MW-6	-100	-100	-100
BCP MW-7	-100	-100	-100

Note: Negative value indicates decrease in concentration and positives value indicates increase in concentration
BCP-MW-2 was dry. No samples were collected.

Table 2-1 and **Table 2-2** shows several consistent decreases in contaminant concentrations from December 2022 to August 2023. The tables indicate a rebound in BCP-MW-4 but an increase in concentrations in BCP-MW-5 and to a lesser extent in BCP-MW-3. It should be noted that BCP-MW-5 has historically had higher VOC concentrations. These increases have been observed during the in-situ injection program multiple times. The injection product has chemicals that actively desorb VOCs from the soil and still may be having an effect over time. This temporarily increases the dissolved VOC concentrations in the groundwater while other chemicals degrade the VOCs. In addition, injection product has a significant delayed reduction on contaminant concentrations is due to nearly zero groundwater movement within the footprint of the Conventus Building. Permanent steel shoring

has cut off the groundwater underneath the building resulting in very slow movement of treatment solution to contaminated areas.

Graph 1 shows total BTEX concentrations over time. **Figure 3** shows the historic BTEX concentrations from each well.

Despite the increase in VOC concentrations in three out of the seven monitoring wells the remedy is demonstrating effectiveness and protectiveness for the following reasons:

- The residual contamination is over 30 feet below ground surface or seven to ten feet below the surface of the lowest parking floor. The general public would not be exposed to contaminated water. Most utilities in the area are much shallower than the contamination; therefore, the risk to construction workers is low.
- Based on previous investigations conducted by C&S (including downgradient sampling conducted 2016), the residual contamination does not extend offsite. The residual contamination is confined to the footprint of the building due to the steel shoring cutting off groundwater flow.
- Exposure to any potential soil vapor is significantly mitigated to the occupants of the building and surrounding area due to two floors of underground parking designed with ventilation systems, vapor barrier on the lower floor and a passive sub-slab depressurization system.

Considering that the residual contamination is isolated both vertically and horizontally on the Site, the remedy is protective of the public and environment.

3 IC/EC Plan Compliance Report

3.1 IC/EC Requirements and Compliance

As stated in the 2014 Decision Document, the remedial action objectives (RAO) selected for this Site are:

3.1.1 Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.

- Prevent the discharge of contaminants to surface water.

3.1.2 Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

3.1.3 Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion directly into buildings at a site.

3.1.4 Institutional Controls

The institutional controls for this Site are:

- The Site may only be used for restricted residential use provided that the long-term Engineering and Institutional Controls included in this SMP are employed;
- The Site may not be used for a higher level of use, unrestricted or residential use, without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the Site that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- The use of the groundwater underlying the Site is prohibited by the City of Buffalo; and
- Vegetable gardens and farming on the Site are prohibited.

The Site has not changed owners and the land use of the Site has not change. All intuitional controls for this Site are in accordance with requirements of the Environmental Easement.

3.1.5 Engineering Controls

The engineering controls for this Site are:

- Groundwater treatment and monitoring using the seven wells installed in the sub-basement of the building

All engineering controls for this Site are in accordance with requirements of the Environmental Easement.

3.2 IC/EC Certification

As required, the Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certificate Form has been completed and a copy is provided in **Appendix B**.

4 MONITORING PLAN COMPLIANCE REPORT

The SMP identified the need for continued monitoring of groundwater conditions at the Site, including the periodic measuring of water levels and collecting groundwater samples for VOC analysis.

The following monitoring wells are included in the groundwater monitoring plan:

- BCP-MW-1
- BCP-MW-2
- BCP-MW-3
- BCP-MW-4
- BCP-MW-5
- BCP-MW-6
- BCP-MW-7

All monitoring wells were sampled with the exception of BCP-MW-2, which has remained dry since its installation.

The groundwater monitoring activities included the collection of depth-to-water measurements at each monitoring well, collecting PID readings from the well heads before sampling as well as during sampling, and the collection of groundwater samples for laboratory analysis. Once the groundwater samples were collected excess purge water was disposed of through approved drums containing activated carbon and discharged back into the ground onsite. Groundwater sampling was conducted in accordance with the U.S. Environmental Protection Agency Low flow sample procedure. Groundwater sample occurred on the dates below:

September 20, 2013	March 22, 2016	November 30, 2018	December 14, 2022
March 19, 2014	June 3, 2016	July 30, 2019	March 28, 2023
May 22, 2014	October 25, 2016	December 4, 2019	August 24, 2023

March 11, 2015	December 8, 2016	May 13, 2020
June 17, 2015	January 20, 2017	November 25, 2020
August 3, 2015	May 17, 2017	May 14, 2021
October 7, 2015	July 5, 2017	December 14, 2021
December 14, 2015	November 2, 2017	April 7, 2022
January 27, 2016	August 18, 2018	August 25, 2022

Figure 3 shows the location of the groundwater wells in the sub-basement of the Conventus building.

Table 1A presents detected compounds over previous monitoring events. **Table 1B** provides sample results for this reporting period.

5 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The only maintenance items are those associated with the monitoring wells. Minor maintenance to the well caps, PVC risers and road boxes is recommended for some of the monitoring wells. These issues do not interfere will groundwater monitoring or the integrity of the samples.

The minor repairs will be completed during the next sampling event.

6 CONCLUSIONS

Based upon the remedial activities performed, the following conclusions have been formulated:

- All of the required work was completed and is reported herein.
- The remedial activities performed at the Site have prevented any adverse risk to human health and the environment.

7 RECOMMENDATIONS

In November of 2021, C&S and the NYSDEC discussed the possibility to reduce the in-situ injection activities. C&S recommends the following:

- Groundwater sampling will be conducted semi-annually on all the monitoring wells in the sub-basement of the Site. All groundwater samples will be collected for VOCs and analyzed using EPA Method 8260.
- If VOC concentrations show a trend upward over three monitoring events, then the in-situ injection program will be re-started.

The NYSDEC denied changing to an annual sampling program. The injection program was temporarily halted unless a continued upward trend is identified. The monitoring wells have continued to show a fluctuation in concentrations consistent to concentrations during injections. Injections will continue to be halted unless a consistent rise in concentrations is observed over three monitoring events.

Two monitoring wells show an upward trend. The next rounds of sampling will once again determine if the injection program will need to be restarted.

Semi-annual monitoring will continue for the Site until conditions change.

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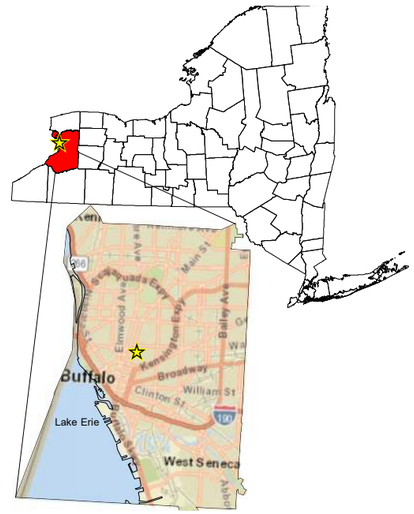
FIGURES



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FORMER MOBIL STATION 99-MST
979 MAIN ST (1001 MAIN ST)
BUFFALO, NEW YORK

MARK	DATE	DESCRIPTION

REVISIONS

PROJECT NO:	U86.001.005
DATE:	APRIL 2023
DRAWN BY:	C. MARTIN
DESIGNED BY:	C. MARTIN
CHECKED BY:	D. RIKER

SITE LOCATION

FIGURE 1

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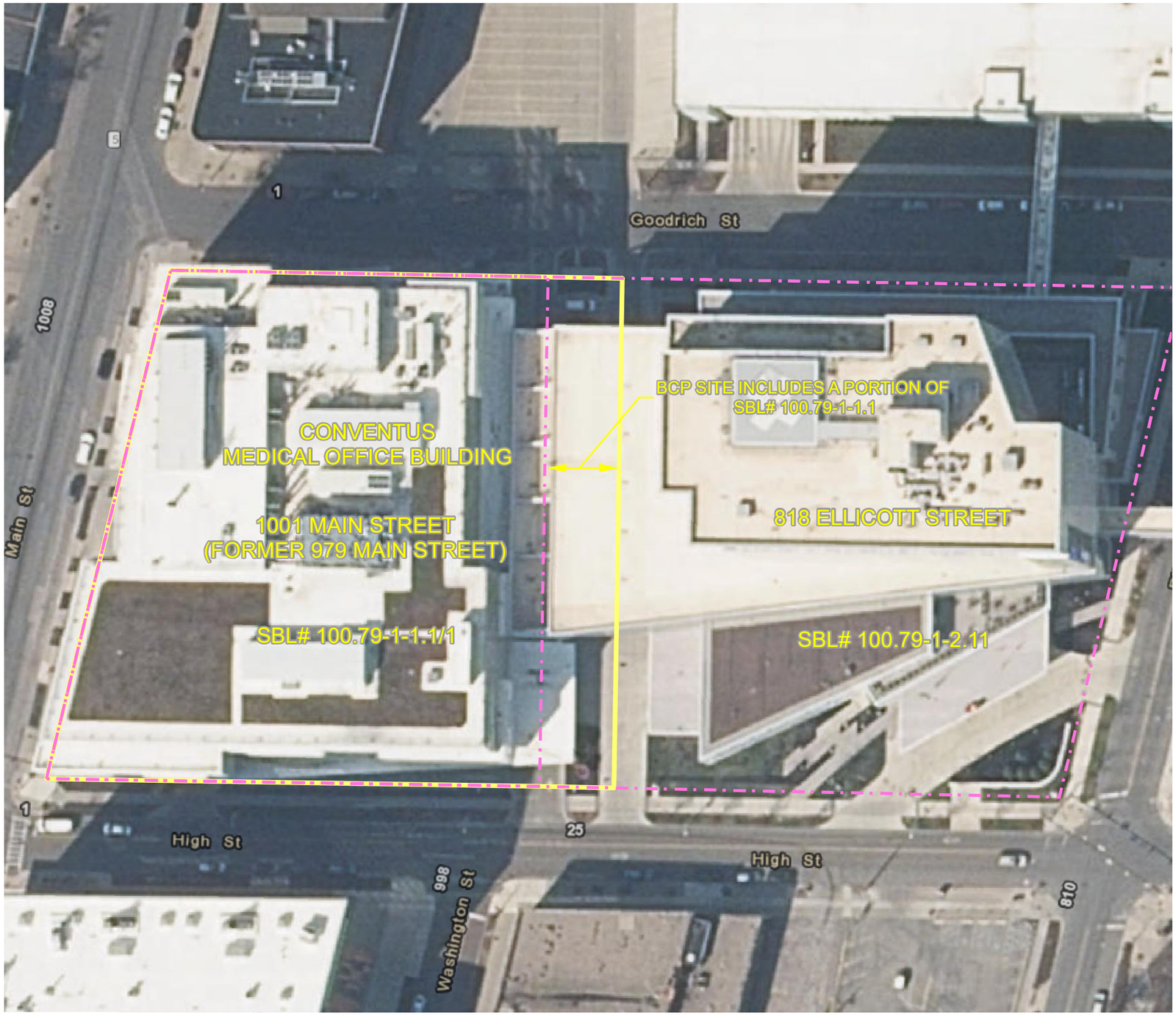

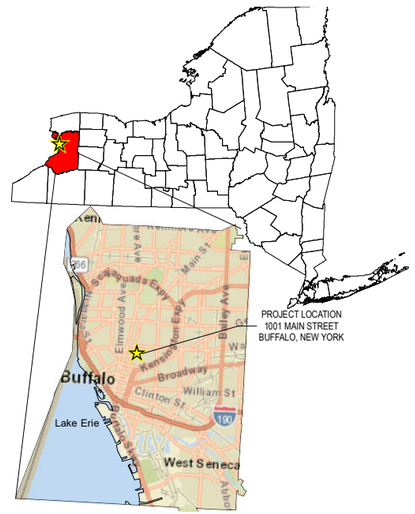

Legend

- Parcel Boundary
- Brownfield Cleanup Program Boundary

Property Note

1) The BCP Project Area ("Site") includes the entire western parcel [1001 Main Street (formerly 979 Main Street)] and extends approximately 40 feet east onto the adjacent eastern parcel (818 Ellicott Street). Total acreage of the BCP Project Site is 1.72 acres.

Notes

1) Groundwater elevation benchmark.

2) Coordinate System: NAD 1983 StatePlane NY West FIPS 3103
Projection: Transverse Mercator
Datum: North American 1983
Units: Foot US

0 30 60 120 Feet

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FORMER MOBIL STATION 99-MST
979 MAIN ST (1001 MAIN ST)
BUFFALO, NEW YORK

MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO:	U86.001.005
DATE:	APRIL 2023
DRAWN BY:	C. MARTIN
DESIGNED BY:	C. MARTIN
CHECKED BY:	

PROJECT BOUNDARIES

FIGURE 2

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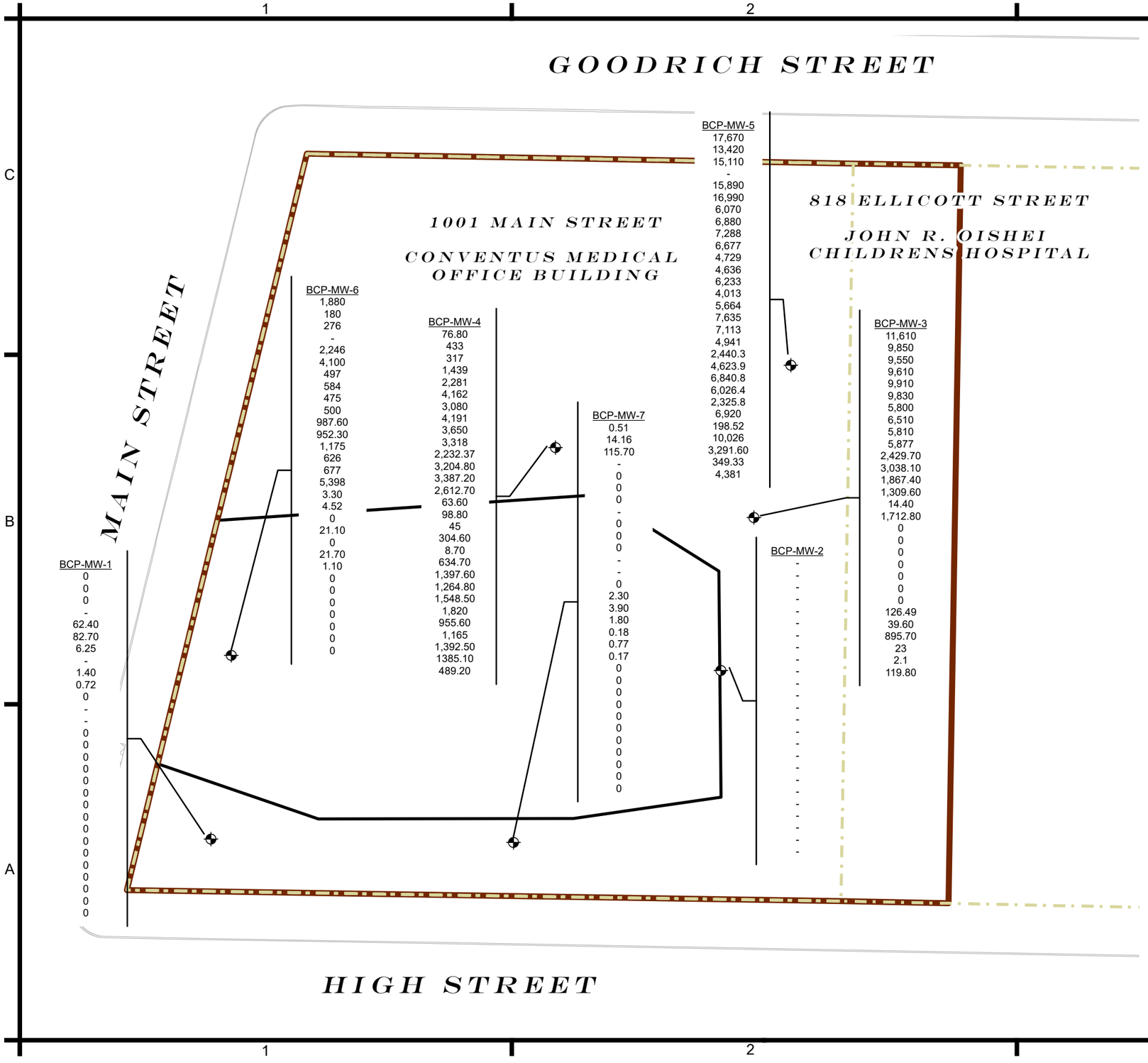

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Legend

▭	Property Lines
▭	Brownfield Cleanup Program Boundary
▭	Area of Deep Excavation to -40 ft (below former ground surface)
⊕	Groundwater Monitoring Well Location (Ground Floor of Underground Parking Garage)

Property Note

1) The BCP Project Area ("Site") includes the entire western parcel [1001 Main Street (formerly 979 Main Street)] and extends approximately 40 feet east onto the adjacent eastern parcel (818 Ellicott Street). Total acreage of the BCP Project Site is 1.72 acres.

Label Note

Total concentrations (ug/L) of benzene, toluene, ethylbenzene and xylenes ("BTEX") for each groundwater monitoring event.

BCP-MW-4	
76.80	September 2013
433	March 2014
317	May 2014
1,439	March 2015
2,281	June 2015
4,162	August 2015
3,080	December 2015
4,191	January 2016
3,650	March 2016
3,318	June 2016
2,232.37	October 2016
3,204.80	December 2016
3,387.20	January 2017
2,612.70	May 2017
63.60	July 2017
98.80	November 2017
45	August 2018
304.60	November 2018
8.70	July 2019
634.70	December 2019
1,397.60	March 2020
1,264.80	November 2020
1,548.50	May 2021
1,820	December 2021
955.60	April 2022
1,165	August 2022
1,392.50	December 2022
1,385.10	March 2023
489.20	August 2023

Notes

1) Elevations from New York State Erie County LiDAR Dataset, 2005, NAD 88.

2) Survey data from McIntosh & McIntosh P.C. "Topographical Map of Part of Lot-29, TWP.-11, R.-8, Holland Purchase" Job No. 7669-B(2) September 24, 2008.

0 20 40 80
Feet

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N

FORMER MOBIL STATION 99-MST
979 MAIN ST (1001 MAIN ST)

BUFFALO, NEW YORK

MARK	DATE	DESCRIPTION

REVISIONS U86.001.005

PROJECT NO:	APRIL 2023
DATE:	R. BACKERT
DRAWN BY:	C. MARTIN
DESIGNED BY:	D. RIKER
CHECKED BY:	

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW

HISTORIC
BTEX
CONCENTRATIONS

FIGURE 3

TABLES

Table 1

GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF DETECTED COMPOUNDS
FORMER MOBIL STATION 99-MST 979 MAIN STREET (1001 MAIN STREET) BROWNFIELD CLEANUP

SAMPLE ID				BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6
SAMPLING DATE				7/30/2019		7/30/2019		7/30/2019		7/30/2019		7/30/2019		7/30/2019		12/4/2019		12/4/2019		12/4/2019		12/4/2019		12/4/2019
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER
	NY-TOGS-AQWS	Units	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results
Volatile Organics																								
Methylene chloride	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,1-Dichloroethane		ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Chloroform	7	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Carbon tetrachloride	5	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
1,2-Dichloropropane	1	ug/l	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	1J	4	ND	1	0.2J
Dibromochloromethane	50	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
1,1,2-Trichloroethane	1	ug/l	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	6	ND	1.5	ND
Tetrachloroethene	5	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
Chlorobenzene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Trichlorofluoromethane	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,2-Dichloroethane	0.6	ug/l	0.5	0.15J	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
1,1,1-Trichloroethane	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Bromodichloromethane	50	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
trans-1,3-Dichloropropene	0.4	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
cis-1,3-Dichloropropene	0.4	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
Bromoform	50	ug/l	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	8	ND	2	ND
1,1,2,2-Tetrachloroethane	5	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
Benzene	1	ug/l	0.5	ND	0.5	0.77	0.5	6.7	0.5	ND	0.5	ND	0.5	3.3	0.5	ND	0.5	0.17J	0.5	6.4	2	.21J	0.5	4
Toluene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	38	2.5	ND	2.5	ND	2.5	11	10	ND	2.5	6.7
Ethylbenzene	5	ug/l	2.5	ND	2.5	ND	2.5	2J	2.5	ND	2.5	ND	2.5	520E	2.5	ND	2.5	ND	2.5	460	10	1.1J	2.5	2.4J
Chloromethane		ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Bromomethane	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Vinyl chloride	2	ug/l	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	4	ND	1	ND
Chloroethane	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,1-Dichloroethene	5	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
trans-1,2-Dichloroethene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Trichloroethene	5	ug/l	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	0.22J	0.5	ND	0.5	ND	0.5	ND	2	ND	0.5	ND
1,2-Dichlorobenzne	3	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,3-Dichlorobenzene	3	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,4-Dichlorobenzene	3	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Methyl tert butyl ether	10	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
p/m-Xylene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	1800E	2.5	ND	2.5	ND	2.5	150	10	1.3J	2.5	5.1
o-Xylene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	79	2.5	ND	2.5	ND	2.5	7.3J	10	ND	2.5	2.9
cis-1,2-Dichloroethene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Styrene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Dichlorodifluoromethane	5	ug/l	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	20	ND	5	ND
Acetone	50	ug/l	5	2.4J	5	4.2J	5	ND	5	2.1J	5	ND	5	44	5	1.7	5	ND	5	ND	20	ND	5	6.4
Carbon disulfide	60	ug/l	5	ND	5	ND	5	ND	5	ND	5	ND	5	1.2J	5	ND	5	ND	5	ND	20	ND	5	ND
2-Butanone	50	ug/l	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	5	ND	20	ND	5	ND
4-Methyl-2-pentanone		ug/l	5	ND	5	ND	5	ND	5	ND	5	ND	5	3J	5	ND	5	ND	5	ND	20	ND	5	ND
2-Hexanone	50	ug/l	5	ND	5	ND	5	ND	5	ND	5	ND	5	2.7J	5	ND	5	ND	5	ND	20	ND	5	ND
1,2-Dibromoethane	0.0006	ug/l	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	8	ND	2	ND
n-Butylbenzene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	4.1J	10	ND	2.5	4.1J
sec-Butylbenzene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	2.9J	10	ND	2.5	0.88J
tert-Butylbenzene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,2-Dibromo-3-chloropropane	0.04	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Isopropylbenzene	5	ug/l	2.5	ND	2.5	ND	2.5	1.3J	2.5	ND	2.5	ND	2.5	23	2.5	ND	2.5	ND	2.5	19	10	ND	2.5	0.9J
p-Isopropyltoluene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Naphthalene	10	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	99	10	ND	2.5	4.8
n-Propylbenzene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	86	10	ND	2.5	1.3J
1,2,4-Trichlorobenzene	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
1,3,5-Trimethylbenzene	5	ug/l	-	-	-	3.2	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	ND	10	ND	2.5	1.4J
1,2,4-Trimethylbenzene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	ND	2.5	ND	2.5	470	10	1.2J	2.5	2.2J
Methyl Acetate		ug/l	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	2	ND	8	ND	2	ND
Cyclohexane		ug/l	10	ND	10	ND	10	0.41J	10	ND	10	0.6J	10	140	10	ND	10	ND	10	60	40	ND	10	6.6J
Freon-113	5	ug/l	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	10	ND	2.5	ND
Methyl cyclohexane		ug/l	10	ND	10	ND	10	ND	10	ND	10	ND	10	65	10	ND	10	ND	10	8J	40	ND	10	4.5J
			Total VOCs	**2.55**		**4.97**		**10.41**		**2.1**		**0.6**		**2718.72**		**1.7**		**0.17**		**821.7**		**2.6**		**44.5**
Total Rows: 57			**Total BTEX**	**0**		**0.77**		**8.7**		**0**		**0**		**2440.3**		**0**		**0.17**		**634.7**		**0**		**21.1**

Notes: Non Standard VOC analytes included in the table are not included in the Total VOC or Total BTEX values. These analytes include:

1,3,5-TRIMETHYLBENZENE
1,2,4,5-TETRAMETHYLBENZENE
1,2,4-TRIMETHYLBENZENE
SEC-BUTYLBENZENE
N-PROPYLBENZENE
N-BUTYLBENZENE
P-ISOPROPYLTOLUENE
1,4-DIETHYLBENZENE

Table 1

GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF DETECTED COMPOUNDS
FORMER MOBIL STATION 99-MST 979 MAIN STREET (1001 MAIN STREET) BROWNFIELD CLEANUP

	BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCPMW-1
	12/4/2019		3/31/2020		3/31/2020		3/31/2020		3/31/2020		3/31/2020		3/31/2020		11/25/2020		11/25/2020		11/25/2020		11/25/2020		11/25/2020		11/25/2020		5/14/2021
	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER
RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
1	ND	20	ND	1	ND	1	ND	10	ND	1	ND	1	ND	25	ND	1	ND	1	ND	10	ND	1	ND	1	ND	20	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
1.5	ND	30	ND	1.5	ND	1.5	ND	15	ND	1.5	ND	1.5	ND	38	ND	1.5	ND	1.5	ND	15	ND	1.5	ND	1.5	ND	30	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
2	ND	40	ND	2	ND	2	ND	20	ND	2	ND	2	ND	50	ND	2	ND	2	ND	20	ND	2	ND	2	ND	40	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
0.5	8.9J	10	ND	0.5	ND	0.5	7.6	5	ND	0.5	ND	0.5	5.8J	12	ND	0.5	ND	0.5	7.8	5	ND	0.5	7.5	0.5	3.4J	10	ND
2.5	42J	50	ND	2.5	ND	2.5	46	25	ND	2.5	ND	2.5	49J	62	ND	2.5	ND	2.5	29	25	ND	2.5	9	2.5	48J	50	ND
2.5	1200	50	ND	2.5	ND	2.5	810	25	ND	2.5	ND	2.5	1700	62	ND	2.5	ND	2.5	870	25	ND	2.5	2.7	2.5	1700	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
1	ND	20	ND	1	ND	1	ND	10	ND	1	ND	1	ND	25	ND	1	ND	1	ND	10	ND	1	ND	1	ND	20	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	12	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	3300	50	ND	2.5	ND	2.5	520	25	ND	2.5	ND	2.5	5000	62	ND	2.5	ND	2.5	340	25	ND	2.5	5	2.5	4200	50	ND
2.5	73	50	ND	2.5	ND	2.5	14J	25	ND	2.5	ND	2.5	86	62	ND	2.5	ND	2.5	18J	25	ND	2.5	5	2.5	75	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5	ND	120	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND
5	97J	100	ND	5	ND	5	ND	50	ND	5	1.6J	5	ND	120	ND	5	ND	5	ND	50	ND	5	ND	5	43J	100	1.8J
5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5	ND	120	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND
5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5	ND	120	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND
5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5	ND	120	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND
5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5	ND	120	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND
2	ND	40	ND	2	ND	2	ND	20	ND	2	ND	2	ND	50	ND	2	ND	2	ND	20	ND	2	ND	2	ND	40	ND
2.5	4.1J	50	ND	2.5	ND	2.5	10J	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	12J	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	24J	50	ND	2.5	ND	2.5	28	25	ND	2.5	ND	2.5	30J	62	ND	2.5	ND	2.5	34	25	ND	2.5	ND	2.5	33J	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	1100	50	ND	2.5	ND	2.5	230	25	ND	2.5	ND	2.5	940	62	ND	2.5	ND	2.5	230	25	1.5J	2.5	2.6	2.5	820	50	1.4J
2.5	110	50	ND	2.5	ND	2.5	150	25	ND	2.5	ND	2.5	140	62	ND	2.5	ND	2.5	170	25	ND	2.5	1.2J	2.5	150	50	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
2.5	480	50	ND	2.5	ND	2.5	7J	25	ND	2.5	ND	2.5	520	62	ND	2.5	ND	2.5	11J	25	ND	2.5	2J	2.5	400	50	ND
2.5	2200	50	ND	2.5	ND	2.5	1100	25	0.88J	2.5	ND	2.5	2500	62	ND	2.5	ND	2.5	1300	25	ND	2.5	2.8	2.5	2500	50	1.6J
2	ND	40	ND	2	ND	2	ND	20	ND	2	ND	2	ND	50	ND	2	ND	2	ND	20	ND	2	ND	2	ND	40	ND
10	220	200	ND	10	ND	10	100	100	ND	10	ND	10	250	250	ND	10	ND	10	140	100	3.4J	10	7.2J	10	240	200	ND
2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	62	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND
10	96J	200	ND	10	ND	10	22J	100	ND	10	ND	10	110J	250	ND	10	ND	10	38J	100	ND	10	4.6J	10	110J	200	ND
	6160.9		**0**		**0**		**1777.6**		**0**		**1.6**		**8170.8**		**0**		**0**		**1706.8**		**4.9**		**43.6**		**7272.4**		**3.2**
	4623.9		**0**		**0**		**1397.6**		**0**		**0**		**6840.8**		**0**		**0**		**1264.8**		**0**		**21.7**		**6026.4**		**0**

Table 1

GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF DETECTED COMPOUNDS
FORMER MOBIL STATION 99-MST 979 MAIN STREET (1001 MAIN STREET) BROWNFIELD CLEANUP

	BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCP-MW-1		BCP-MW-7		BCP-MW-4	
	5/14/2021		5/14/2021		5/14/2021		5/14/2021		5/14/2021		12/14/2021		12/14/2021		12/14/2021		12/14/2021		12/14/2021		12/14/2021		4/7/2022		4/7/2022		4/8/2022	
	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
1	ND	1	ND	10	ND	1	ND	1	ND	10	ND	1	ND	1	ND	10	ND	1	ND	1	ND	20	ND	1	ND	1	ND	5
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
1.5	ND	1.5	ND	15	ND	1.5	ND	1.5	ND	15	ND	1.5	ND	1.5	ND	15	ND	1.5	ND	1.5	ND	30	ND	1.5	ND	1.5	ND	7.5
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
0.5	ND	0.5	ND	5	0.2J	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
2	ND	2	ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	40	ND	2	ND	2	ND	10
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
0.5	ND	0.5	8.5	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	5	5	0.49J	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	2.6	2.5
2.5	ND	2.5	22J	25	ND	2.5	ND	2.5	16J	25	ND	2.5	ND	2.5	64	25	4.8	2.5	ND	2.5	44J	50	ND	2.5	ND	2.5	25	12
2.5	ND	2.5	1100	25	ND	2.5	ND	2.5	770	25	ND	2.5	ND	2.5	1100	25	42	2.5	ND	2.5	1800	50	ND	2.5	ND	2.5	790	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
1	ND	1	ND	10	ND	1	ND	1	ND	10	ND	1	ND	1	ND	10	ND	1	ND	1	ND	20	ND	1	ND	1	ND	5
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	2.5
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	400	25	ND	2.5	1.1J	2.5	1500	25	ND	2.5	ND	2.5	630	25	77	2.5	ND	2.5	5000	50	ND	2.5	ND	2.5	120	12
2.5	ND	2.5	18J	25	ND	2.5	ND	2.5	34	25	ND	2.5	ND	2.5	21J	25	2.2J	2.5	ND	2.5	76	50	ND	2.5	ND	2.5	18	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND	5	ND	5	ND	25
5	ND	5	ND	50	3.8 J	5	ND	5	45J	50	ND	5	ND	5	ND	50	6.2	5	ND	5	ND	100	ND	5	ND	5	ND	25
5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND	5	ND	5	ND	25
5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND	5	ND	5	ND	25
5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND	5	ND	5	ND	25
5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	100	ND	5	ND	5	ND	25
2	ND	2	ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	40	ND	2	ND	2	ND	10
2.5	ND	2.5	9.7J	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	14J	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	10J	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	4.6J	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	27	25	ND	2.5	ND	2.5	13J	25	ND	2.5	ND	2.5	35	25	ND	2.5	ND	2.5	33J	50	ND	2.5	ND	2.5	31	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	1J	2.5	320	25	ND	2.5	3.9	2.5	430	25	ND	2.5	ND	2.5	360	25	18	2.5	ND	2.5	1000	50	ND	2.5	ND	2.5	260	12
2.5	ND	2.5	160	25	ND	2.5	ND	2.5	64	25	ND	2.5	ND	2.5	200	25	2.3J	2.5	ND	2.5	170	50	ND	2.5	ND	2.5	150	12
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
2.5	ND	2.5	8.4J	25	ND	2.5	ND	2.5	99	25	ND	2.5	ND	2.5	13J	25	6.5	2.5	ND	2.5	430	50	ND	2.5	ND	2.5	21	12
2.5	ND	2.5	1500	25	ND	2.5	ND	2.5	1200	25	ND	2.5	ND	2.5	1500	25	68	2.5	ND	2.5	2500	50	ND	2.5	ND	2.5	1200E	12
2	ND	2	ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	40	ND	2	ND	2	ND	10
10	ND	10	160	100	1J	10	ND	10	130	100	ND	10	ND	10	190	100	16	10	ND	10	330	200	ND	10	ND	10	120	50
2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	12
10	ND	10	44J	100	ND	10	ND	10	60J	100	ND	10	ND	10	54J	100	8.2J	10	ND	10	120J	200	ND	10	ND	10	43J	50
	1		**2099.4**		**5**		**5**		**3003.8**		**0**		**0**		**2459**		**174.89**		**0**		**8403**		**0**		**0**		**2795.2**	
	0		**1548.5**		**0**		**1.1**		**2325.8**		**0**		**0**		**1820**		**126.49**		**0**		**6920**		**0**		**0**		**955.6**	

GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF DETECTED COMPOUNDS
FORMER MOBIL STATION 99-MST 979 MAIN STREET (1001 MAIN STREET) BROWNFIELD CLEANUP

BCP-MW-3		BCP-MW-6		BCP-MW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6	
4/7/2022		4/7/2022		4/7/2022		8/25/2022		8/25/2022		8/25/2022		8/25/2022		8/25/2022		8/25/2022		12/14/2022		12/14/2022		12/14/2022		12/14/2022		12/14/2022	
WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	1	ND	1	ND	1	ND	1	ND	1	ND	10	ND	5	ND	1	ND	20	ND	1	ND	1	ND	10	ND	1	ND	1
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	15	ND	7.5	ND	1.5	ND	30	ND	1.5	ND	1.5	ND	15	ND	1.5	ND	1.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	2	ND	2	ND	2	ND	2	ND	2	ND	20	ND	10	ND	2	ND	40	ND	2	ND	2	ND	20	ND	2	ND	2
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
0.5	0.5	ND	0.5	0.22J	0.5	ND	0.5	ND	0.5	5	5	1.7J	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	3.5J	5	ND	0.5	ND	0.5
1.2J	2.5	ND	2.5	0.9J	2.5	ND	2.5	ND	2.5	34	25	22	12	ND	2.5	26J	50	ND	2.5	ND	2.5	63	25	ND	2.5	ND	2.5
15	2.5	ND	2.5	39	2.5	ND	2.5	ND	2.5	1100	25	380	12	ND	2.5	2100	50	ND	2.5	ND	2.5	1100	25	11	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	1	ND	1	ND	1	ND	1	ND	1	ND	10	ND	5	ND	1	ND	20	ND	1	ND	1	ND	10	ND	1	ND	1
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	5	ND	2.5	ND	0.5	ND	10	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
21	2.5	ND	2.5	150	2.5	ND	2.5	ND	2.5	14J	25	480	12	ND	2.5	7800	50	ND	2.5	ND	2.5	210	25	12	2.5	ND	2.5
1.9J	2.5	ND	2.5	8.4	2.5	ND	2.5	ND	2.5	12J	25	12	12	ND	2.5	100	50	ND	2.5	ND	2.5	16J	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	5	ND	5	ND	5	ND	5	ND	5	ND	50	ND	25	ND	5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5
ND	5	ND	5	ND	5	ND	5	ND	5	ND	50	ND	25	ND	5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5
ND	5	ND	5	ND	5	ND	5	ND	5	ND	50	ND	25	ND	5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5
ND	5	ND	5	ND	5	ND	5	ND	5	ND	50	ND	25	ND	5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5
2.2J	5	ND	5	ND	5	ND	5	ND	5	ND	50	ND	25	ND	5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5
ND	5	ND	5	ND	5	ND	5	ND	5	ND	50	ND	25	ND	5	ND	100	ND	5	ND	5	ND	50	ND	5	ND	5
ND	2	ND	2	ND	2	ND	2	ND	2	ND	20	ND	10	ND	2	ND	40	ND	2	ND	2	ND	20	ND	2	ND	2
ND	2.5	ND	2.5	0.77J	2.5	ND	2.5	ND	2.5	9.4J	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	11J	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	1.4J	2.5	ND	2.5	ND	2.5	24J	25	5.2J	12	ND	2.5	29J	50	ND	2.5	ND	2.5	30	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
5.7	2.5	ND	2.5	65	2.5	ND	2.5	ND	2.5	200	25	170	12	ND	2.5	840	50	ND	2.5	ND	2.5	290	25	4.2	2.5	ND	2.5
1J	2.5	ND	2.5	3.6	2.5	ND	2.5	ND	2.5	140	25	18	12	ND	2.5	130	50	ND	2.5	ND	2.5	160	25	ND	2.5	ND	2.5
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
0.77J	2.5	ND	2.5	58	2.5	ND	2.5	ND	2.5	ND	25	47	12	ND	2.5	630	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
15	2.5	ND	2.5	130	2.5	ND	2.5	ND	2.5	1200	25	560	12	ND	2.5	3100	50	ND	2.5	ND	2.5	1200	25	13	2.5	ND	2.5
ND	2	ND	2	ND	2	ND	2	ND	2	ND	20	ND	10	ND	2	ND	40	ND	2	ND	2	ND	20	ND	2	ND	2
13	10	ND	10	18	10	ND	10	ND	10	130	100	40J	50	ND	10	240	200	ND	10	ND	10	140	100	1.5J	10	ND	10
ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	25	ND	12	ND	2.5	ND	50	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5
6.2J	10	ND	10	11	10	ND	10	ND	10	51J	100	32J	50	ND	10	95J	200	ND	10	ND	10	43J	100	0.65J	10	ND	10
83.47		**0**		**486.29**		**0**		**0**		**2919.4**		**1767.9**		**0**		**15090**		**0**		**0**		**3126.5**		**42.35**		**0**	
39.6		**0**		**198.52**		**0**		**0**		**1165**		**895.7**		**0**		**10026**		**0**		**0**		**1329.5**		**23**		**0**	

Table 1

GROUNDWATER ANALYTICAL RESULTS
SUMMARY OF DETECTED COMPOUNDS
FORMER MOBIL STATION 99-MST 979 MAIN STREET (1001 MAIN STREET) BROWNFIELD CLEANUP

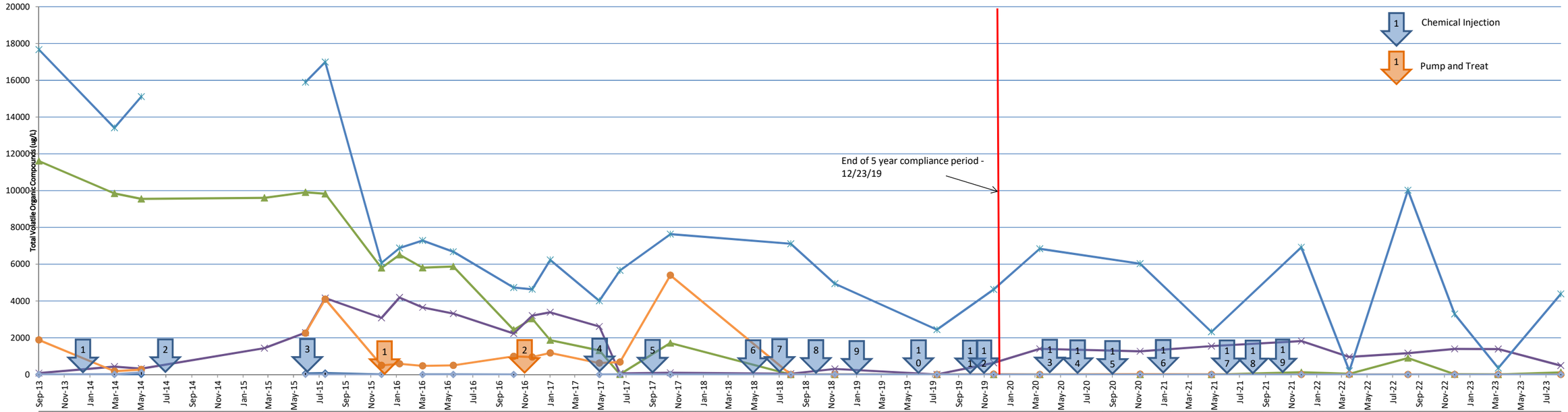
BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5		BCPMW-1		BCPMW-7		BCPMW-4		BCPMW-3		BCPMW-6		BCPMW-5	
12/14/2022		3/28/2023		3/28/2023		3/28/2023		3/28/2023		3/28/2023		3/28/2023		8/24/2023		8/24/2023		8/24/2023		8/24/2023		8/24/2023		8/24/2023	
WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	10	ND	1	ND	1	ND	10	ND	1	ND	1	ND	2	ND	1	ND	1	ND	2.5	ND	1	ND	1	ND	10
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	15	ND	1.5	ND	1.5	ND	15	ND	1.5	ND	1.5	ND	3	ND	1.5	ND	1.5	ND	3.8	ND	1.5	ND	1.5	ND	15
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	4	ND	2	ND	2	ND	5	ND	2	ND	2	ND	20
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	5	ND	0.5	ND	0.5	2.1J	5	ND	0.5	ND	0.5	0.33J	1	ND	0.5	ND	0.5	5.2	1.2	0.5	0.5	ND	0.5	ND	5
9.6J	25	ND	2.5	ND	2.5	47	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	20	6.2	3.1	2.5	ND	2.5	11J	25
820	25	ND	2.5	ND	2.5	1200	25	2.1J	2.5	ND	2.5	87	5	ND	2.5	ND	2.5	460	6.2	28	2.5	ND	2.5	1100	25
ND	25	ND UJ	2.5	ND UJ	2.5	ND UJ	25	ND UJ	2.5	ND UJ	2.5	ND UJ	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND UJ	2.5	ND UJ	2.5	ND UJ	25	ND UJ	2.5	ND UJ	2.5	ND UJ	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	10	ND UJ	1	ND UJ	1	ND UJ	10	ND UJ	1	ND UJ	1	ND UJ	2	ND	1	ND	1	ND	2.5	ND	1	ND	1	ND	10
ND	25	ND UJ	2.5	ND UJ	2.5	ND UJ	25	ND UJ	2.5	ND UJ	2.5	ND UJ	5	ND UJ	2.5	ND UJ	2.5	ND UJ	6.2	ND UJ	2.5	ND UJ	2.5	ND UJ	25
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	5	ND	0.5	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	1	ND	0.5	ND	0.5	ND	1.2	ND	0.5	ND	0.5	ND	5
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
2400	25	ND	2.5	ND	2.5	120	25	ND	2.5	ND	2.5	250	5	ND	2.5	ND	2.5	ND	6.2	86	2.5	ND	2.5	3200	25
62	25	ND	2.5	ND	2.5	16J	25	ND	2.5	ND	2.5	12	5	ND	2.5	ND	2.5	4J	6.2	2.2J	2.5	ND	2.5	70	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	50	ND UJ	5	ND UJ	5	ND UJ	50	ND UJ	5	ND UJ	5	ND UJ	10	ND	5	ND	5	ND	12	ND	5	ND	5	ND	50
ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	10	ND	5	ND	5	ND	12	ND	5	ND	5	ND	50
ND	50	ND UJ	5	ND UJ	5	ND UJ	50	ND UJ	5	ND UJ	5	ND UJ	10	ND	5	ND	5	ND	12	ND	5	ND	5	ND	50
ND	50	ND UJ	5	ND UJ	5	ND UJ	50	ND UJ	5	ND UJ	5	ND UJ	10	ND	5	ND	5	ND	12	ND	5	ND	5	ND	50
ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	10	ND	5	ND	5	ND	12	ND	5	ND	5	ND	50
ND	50	ND	5	ND	5	ND	50	ND	5	ND	5	ND	10	ND	5	ND	5	ND	12	ND	5	ND	5	ND	50
ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	4	ND	2	ND	2	ND	5	ND	2	ND	2	ND	20
ND	25	ND	2.5	ND	2.5	13J	25	ND	2.5	ND	2.5	4.2J	5	ND	2.5	ND	2.5	4.1J	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	1.8J	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
16J	25	ND	2.5	ND	2.5	30	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	13	6.2	ND	2.5	ND	2.5	16J	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
520	25	ND	2.5	ND	2.5	320	25	1.6J	2.5	ND	2.5	64	5	ND	2.5	ND	2.5	26	6.2	16	2.5	ND	2.5	640	25
71	25	ND	2.5	ND	2.5	180	25	ND	2.5	ND	2.5	5.4	5	ND	2.5	ND	2.5	64	6.2	1.1J	2.5	ND	2.5	67	25
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
350	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	34	5	ND	2.5	ND	2.5	ND	6.2	8.5	2.5	ND	2.5	320	25
1400	25	ND	2.5	ND	2.5	1500	25	2.8	2.5	ND	2.5	160	5	ND	2.5	ND	2.5	240	6.2	56	2.5	ND	2.5	1600	25
ND	20	ND	2	ND	2	ND	20	ND	2	ND	2	ND	4	ND	2	ND	2	ND	5	ND	2	ND	2	ND	20
120	100	ND	10	ND	10	160	100	0.6J	10	ND	10	11J	20	ND	10	ND	10	56	25	9.7J	10	ND	10	98J	100
ND	25	ND	2.5	ND	2.5	ND	25	ND	2.5	ND	2.5	ND	5	ND	2.5	ND	2.5	ND	6.2	ND	2.5	ND	2.5	ND	25
54J	100	ND	10	ND	10	57J	100	ND	10	ND	10	8.7J	20	ND	10	ND	10	16J	25	5.1J	10	ND	10	42J	100
5822.6		**0**		**0**		**3645.1**		**7.1**		**0**		**636.63**		**0**		**0**		**910.1**		**216.2**		**0**		**7164**	
3291.6		**0**		**0**		**1385.1**		**2.1**		**0**		**349.33**		**0**		**0**		**489.2**		**119.8**		**0**		**4381**	

GRAPHS

GRAPH 1

Former Mobil Station 99-MST 979 Main Street (1001 Main Street)
Conventus Groundwater Remediation

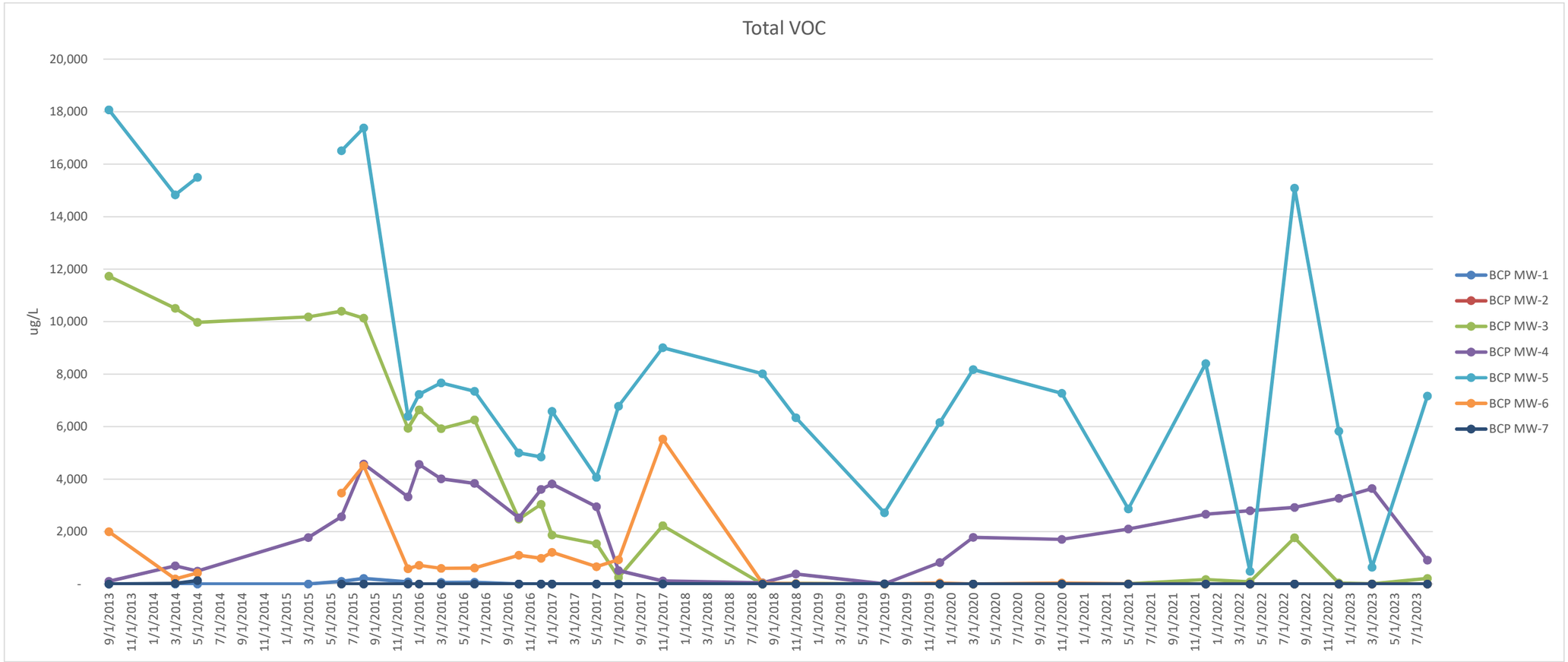
GROUNDWATER TREATMENT MONITORING - TOTAL BTEX

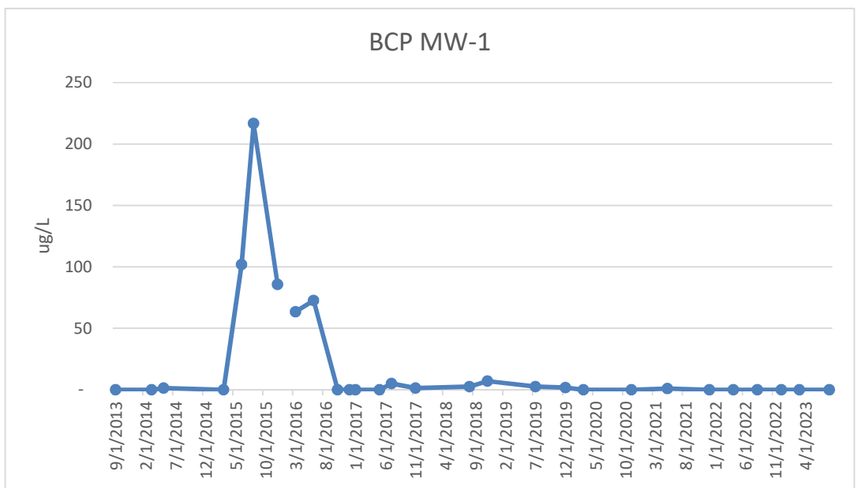


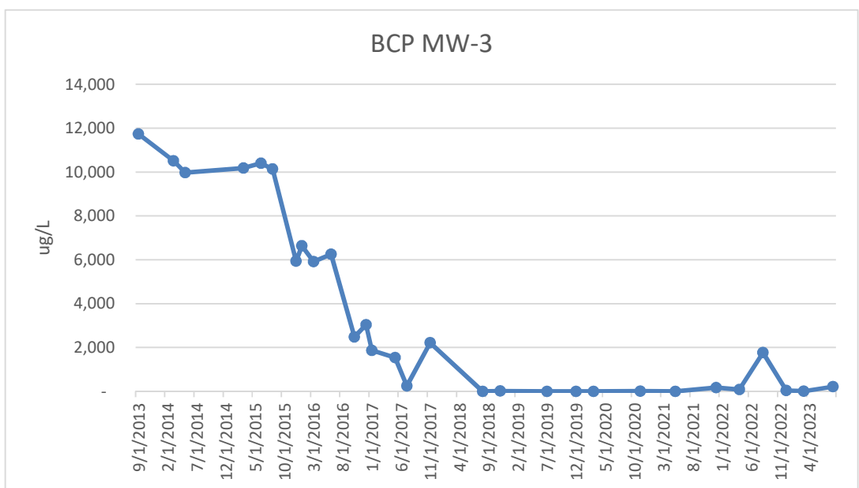
	9/20/2013	3/19/2014	5/22/2014	3/11/2015	6/17/2015	8/3/2015	12/15/2015	1/27/2016	3/22/2016	6/3/2016	10/25/2016	12/8/2016	1/20/2017	5/17/2017	7/5/2017	11/2/2017	8/16/2018	11/29/2018	7/30/2019	12/12/2019	3/31/2020	11/25/2020	5/14/2021	12/14/2021	4/7/2022	8/25/2022	12/14/2022	3/28/2023	8/24/2023
BCP MW-1	0	0	0		62.40	82.70	6.25		1.40	0.72	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BCP MW-2																													
BCP MW-3	11610.00	9850.00	9550.00	9610.00	9910.00	9830.00	5800.00	6510.00	5810.00	5877.00	2429.70	3038.10	1867.40	1309.60	14.40	1712.80	0	0	0	0	0	0	0	126.49	39.60	895.70	23.00	2.10	119.80
BCP MW-4	76.80	433.00	317.00	1439.00	2281.00	4162.00	3080.00	4191.00	3650.00	3318.00	2232.37	3204.80	3387.20	2617.70	63.60	98.80	45.00	304.60	8.70	634.70	1397.60	1264.80	1548.50	1820.00	955.60	1165.00	1392.50	1385.10	489.20
BCP MW-5	17670.00	13420.00	15110.00		15890.00	16990.00	6070.00	6880.00	7288.00	6677.00	4728.80	4636.10	6233.30	4012.70	5664.20	7635.00	7113.00	4941.00	2440.30	4623.90	6840.80	6026.40	2325.80	6920.00	198.52	10026.00	3291.60	349.33	4381.00
BCP MW-6	1880.00	180.00	276.00		2246.00	4100.00	497.00	584.00	475.00	500.00	987.60	952.30	1175.00	625.70	677.00	5398.00	3.30	4.52	0	21.10	0	21.70	1.10	0	0	0	0	0	0
BCP MW-7	0.51	14.16	115.70		0	0	0		0	0	0			0	2.30	3.90	1.80	0.18	0.77	0.17	0	0	0	0	0	0	0	0	0

GRAPH 2

Former Mobil Station 99-MST 979 Main Street (1001 Main Street)
Conventus Groundwater Remediation

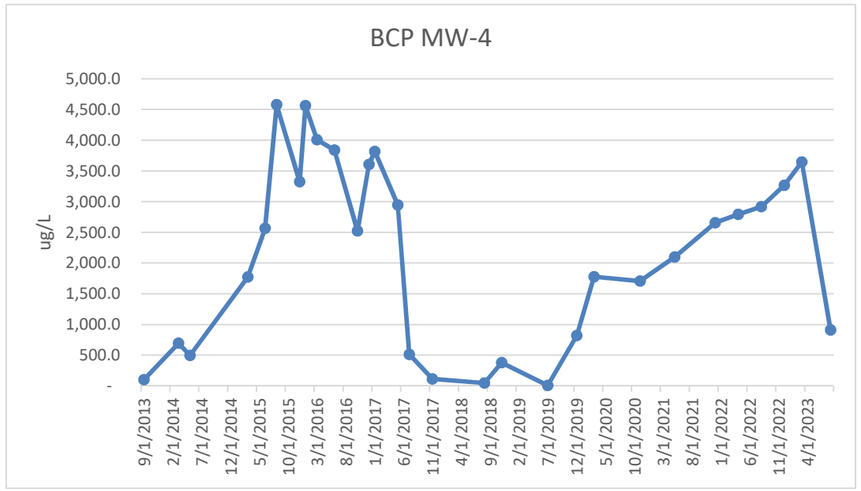


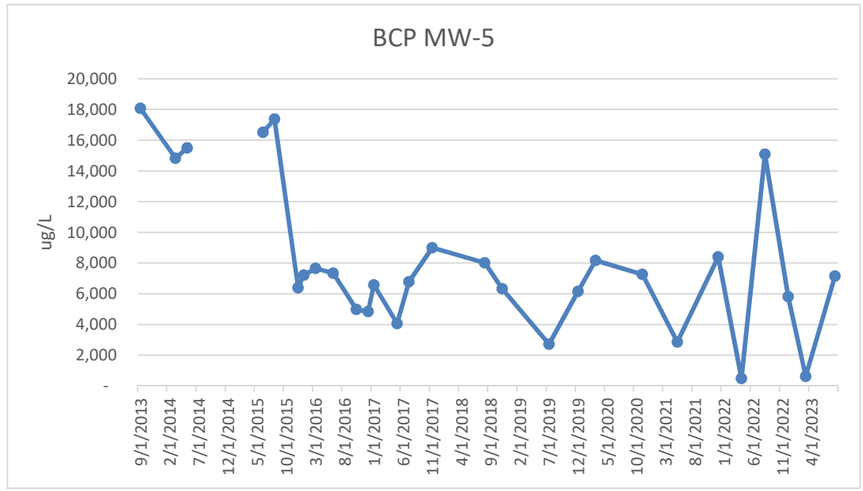


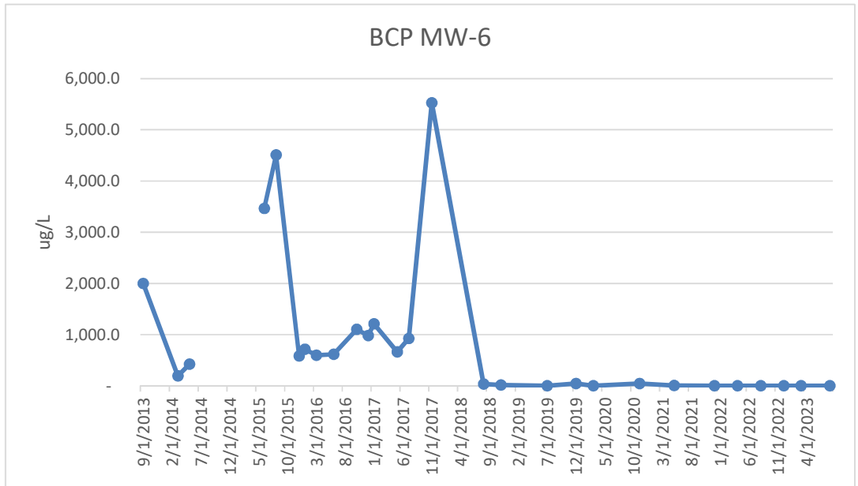


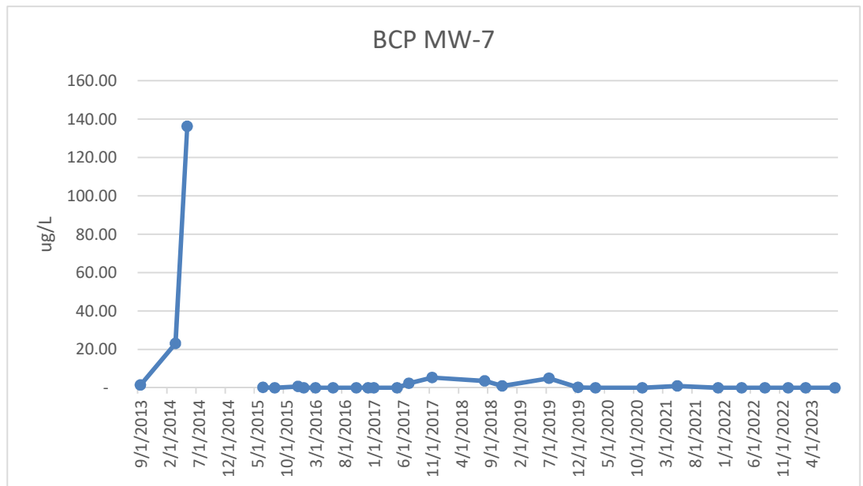
GRAPH 2

Former Mobil Station 99-MST 979 Main Street (1001 Main Street)
Conventus Groundwater Remediation









APPENDICES

C&S Engineers, Inc.
141 Elm Street Suite 100
Buffalo, New York 14203
Phone: 716-847-1630
www.cscos.com

Well Sampling Field Data Sheet

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: NICA BACKUS

WELL DATA

Date		9/24/23							
Well Number		BCP-MW1							
Diameter (inches)		2"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		6.9'							
H_2O Column (feet)		8.1'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2.5gal							
Amount Evacuated (gallons)		2.5gal							

FIELD READINGS

Date	Stabilization Criteria	9/24/23							
Time		10:00	10:05	10:10	10:15				
pH (Std. Units)	+/-0.1	8.40	7.59	7.34	7.29				
Conductivity (mS/cm)	3%	7.34	8.51	8.95	9.03				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	1.70	1.26	1.16	1.25				
Temperature (°C) (°F)	3%	16.24°C	15.13°C	14.33°C	14.14°C				
ORP[3](mV)	+/-10 mv	-37	-55	-57	-46				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments		- PID READING OF WELL HEAD AT TIME OF SAMPLE 0.0 - DUP Collected FROM BCP-MW-1							

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

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Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: R.C.H BACHERT

WELL DATA

Date		8/24/23							
Well Number		BCPMW-7							
Diameter (inches)		2"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		9.7'							
H_2O Column (feet)		5.3'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2.5gal							
Amount Evacuated (gallons)		2.5gal							

FIELD READINGS

Date	Stabilization Criteria	8/24/23							
Time		10:45	10:50	10:55	11:00				
pH (Std. Units)	+/-0.1	7.57	7.29	7.16	7.11				
Conductivity (mS/cm)	3%	6.49	5.05	5.01	5.02				
Turbidity (NTU)	10%	50.8	0.00	0.00	0.00				
D.O. (mg/L)	10%	3.65	1.20	1.04	7.50				
Temperature (°C) (°F)	3%	16.31°C	15.02°C	14.81°C	14.71°C				
ORP[3](mV)	+/-10 mv	69	21	-25	-2				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	PID READING FROM WELL HEAD AT TIME OF SAMPLING WAS 0.0 ppm								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

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Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: RICH RACICENT

WELL DATA

Date		8/24/23							
Well Number		BCPMW4							
Diameter (inches)		2"							
Total Sounded Depth (feet)		14.8'							
Static Water Level (feet)		7.3'							
H_2O Column (feet)		7.5'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2gal							
Amount Evacuated (gallons)		2gal.							

FIELD READINGS

Date	Stabilization Criteria	8/24/23							
Time		11:20	11:25	11:30	11:35				
pH (Std. Units)	+/-0.1	7.57	7.68	7.75	7.84				
Conductivity (mS/cm)	3%	4.67	4.78	4.79	4.76				
Turbidity (NTU)	10%	11.9	0.00	0.00	0.00				
D.O. (mg/L)	10%	1.01	.80	.74	.65				
Temperature (°C) (°F)	3%	16.80°C	16.12°C	15.97°C	15.65°C				
ORP[3](mV)	+/-10 mv	-139	-197	-222	-257				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	- PID READING IN WELL HEAD AT TIME OF SAMPLING WAS 0.0 PPM								

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Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: NCA BACKUP

WELL DATA

Date		8/24/23							
Well Number		BCPMW3							
Diameter (inches)		8"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		7.5'							
H_2O Column (feet)		7.5'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2gal							
Amount Evacuated (gallons)		2gal							

FIELD READINGS

Date	Stabilization Criteria	8/24/23							
Time		12:00	12:05	12:10	12:15				
pH (Std. Units)	+/-0.1	8.02	7.95	7.92	7.93				
Conductivity (mS/cm)	3%	6.01	6.07	6.08	6.08				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	.92	.74	.75	.61				
Temperature (°C) (°F)	3%	17.00°C	16.60°C	16.80°C	16.40°C				
ORP[3](mV)	+/-10 mv	-46	-115	-141	-154				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	- PID READING IN WELL HEAD AT TIME OF SAMPLING WAS 0.1 PPM								

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1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: RICH BACKERT

WELL DATA

Date		8/24/23							
Well Number		BOOMW16							
Diameter (inches)		8"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		7'							
H_2O Column (feet)		8'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)									
Amount Evacuated (gallons)									

FIELD READINGS

Date	Stabilization Criteria	8/24/23							
Time		12:40	12:45	12:50	12:55				
pH (Std. Units)	+/-0.1	8.69	8.95	9.04	9.04				
Conductivity (mS/cm)	3%	9.86	9.94	9.98	9.94				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	1.51	1.17	1.02	.99				
Temperature (°C) (°F)	3%	15.57°	15.23°	15.05°C	15.00°C				
ORP[3](mV)	+/-10 mv	25	13	2	-4				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments		- PID READING FROM WELL HEAD AT TIME OF SAMPLING WAS							

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

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Well Sampling Field Data Sheet

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: RICH BACKERT

WELL DATA

Date		8/24/23							
Well Number		RGW05							
Diameter (inches)		2"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		6.5'							
H_2O Column (feet)		8.5							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2.59 gl							
Amount Evacuated (gallons)		2.5 gl							

FIELD READINGS

Date	Stabilization Criteria	8/24/23							
Time		1:25	1:30	1:35	1:40				
pH (Std. Units)	+/-0.1	8.38	7.52	7.62	7.70				
Conductivity (mS/cm)	3%	6.81	5.06	5.60	6.87				
Turbidity (NTU)	10%	42.0	0.00	0.00	0.00				
D.O. (mg/L)	10%	1.17	3.82	6.48	2.13				
Temperature (°C) (°F)	3%	16.87°C	16.84°C	16.71°C	16.12°C				
ORP[3](mV)	+/-10 mv	-109	-111	-107	-130				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	- PID READING OF WELL HEAD AT TIME OF SAMPLE WAS 0.0 PPM.								

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Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: RICH BALLENT

WELL DATA

Date		3/28/23							
Well Number		BCA MW-1							
Diameter (inches)		2"							
Total Sounded Depth (feet)		15.1'							
Static Water Level (feet)		6.2'							
H_2O Column (feet)		8.9'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		~2gal							
Amount Evacuated (gallons)		~2gal.							

FIELD READINGS

Date	Stabilization Criteria	3/28/23							
Time		10:25	10:30	10:35	10:40				
pH (Std. Units)	+/-0.1	7.68	7.55	7.34	7.17				
Conductivity (mS/cm)	3%	9.21	9.29	8.51	8.64				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	4.21	2.32	2.07	1.85				
Temperature (°C) (°F)	3%	13.43°C	12.76°C	12.02°C	11.78°C				
ORP[3](mV)	+/-10 mv	97	106	91	63				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments		- PID READING OF WELL HEAD AT TIME OF SAMPLE - 0.0 PPM - DUP COLLECTED FROM BCA MW-1							

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Well Sampling Field Data Sheet

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1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVERTUS
Project No.:
Field Staff: RICH BACKERS

WELL DATA

Date		3/28/23							
Well Number		BCPMW7							
Diameter (inches)		2"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		9'							
H_2O Column (feet)		6'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2 gal							
Amount Evacuated (gallons)		2 gal							

FIELD READINGS

Date	Stabilization Criteria	3/28/23							
Time		11:05	11:10	11:15	11:20				
pH (Std. Units)	+/-0.1	7.57	7.19	7.11	6.95				
Conductivity (mS/cm)	3%	4.73	4.60	4.54	4.66				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	2.58	2.37	3.07	2.24				
Temperature (°C) (°F)	3%	11.88°C	11.95°C	12.01°C	12.08°C				
ORP[3](mV)	+/-10 mv	133	136	129	108				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	- PID READING FROM WELL HEAD AT TIME OF SAMPLING WAS 0.0 PPM								

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1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVERTUS
Project No.:
Field Staff: RICH BACKERS

WELL DATA

Date		3/28/23							
Well Number		BCPMW4							
Diameter (inches)		2"							
Total Sounded Depth (feet)		14.81'							
Static Water Level (feet)		6.41'							
H_2O Column (feet)		8.4"							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2 gal							
Amount Evacuated (gallons)		2 gal							

FIELD READINGS

Date	Stabilization Criteria	3/28/23							
Time		11:55	12:00	12:05	12:10				
pH (Std. Units)	+/-0.1	7.38	7.43	7.61	7.70				
Conductivity (mS/cm)	3%	3.88	3.86	3.85	3.87				
Turbidity (NTU)	10%	1.31	0.00	0.00	0.00				
D.O. (mg/L)	10%	5.10	2.26	1.24	1.05				
Temperature (°C) (°F)	3%	11.48°C	11.61°C	11.93°C	12.19°C				
ORP[3](mV)	+/-10 mv	-164	-200	-248	-273				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		YES	NONE	NONE	NONE				
Comments	PID READING IN WELL HEAD AT TIME OF SAMPLING WAS 0.0 PPM.								

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Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: RICH BACKERT

WELL DATA

Date		3/28/23							
Well Number		BCPMW3							
Diameter (inches)		8"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		6.3'							
H_2O Column (feet)		8.7'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2 gal							
Amount Evacuated (gallons)		2 gal							

FIELD READINGS

Date	Stabilization Criteria	3/28/23							
Time		12:35	12:40	12:45	12:50				
pH (Std. Units)	+/-0.1	7.72	7.79	7.86	7.89				
Conductivity (mS/cm)	3%	5.98	5.95	6.16	6.19				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	6.89	5.31	3.87	2.69				
Temperature (°C) (°F)	3%	12.27°C	12.69°C	12.90°C	13.12°C				
ORP[3](mV)	+/-10 mv	-36	-36	-22	-31				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	PID READING IN WELL HEAD AT TIME OF SAMPLING WAS 0.0ppm.								

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Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: _____
Site Name: CONVENTUS
Project No.: _____
Field Staff: RICH BACKERT

WELL DATA

Date		3/28/23							
Well Number		BCP0106							
Diameter (inches)		8"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		6.3'							
H_2O Column (feet)		8.7'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2 gal							
Amount Evacuated (gallons)		2 gal							

FIELD READINGS

Date	Stabilization Criteria	3/28/23							
Time		1:40	1:45	1:50	1:55				
pH (Std. Units)	+/-0.1	8.19	8.87	9.17	9.23				
Conductivity (mS/cm)	3%	10.1	10.1	10.3	10.3				
Turbidity (NTU)	10%	0.00	0.00	0.00	0.00				
D.O. (mg/L)	10%	9.09	7.65	5.59	5.29				
Temperature (°C) (°F)	3%	11.99°C	12.04°C	12.26°C	12.32°C				
ORP[3](mV)	+/-10 mv	41	36	32	33				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	PID READING FROM WELL HEAD AT TIME OF SAMPLING 0.0 PPM								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

C&S Engineers, Inc.
141 Elm Street Suite 100
Buffalo, New York 14203
Phone: 716-847-1630
www.cscos.com

Well Sampling Field Data Sheet

Well Casing Unit Volume (gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name:
Site Name: CONVENTUS
Project No.:
Field Staff: RICK BACKERT

WELL DATA

Date		3/28/23							
Well Number		BGMW5							
Diameter (inches)		2"							
Total Sounded Depth (feet)		15'							
Static Water Level (feet)		7.1'							
H_2O Column (feet)		7.9'							
Pump Intake (feet)									
Well Volume (gallons)									
Amount to Evacuate (gallons)		2gal							
Amount Evacuated (gallons)		2gal.							

FIELD READINGS

Date	Stabilization Criteria	3/28/23							
Time		2:20	2:25	2:30	2:35				
pH (Std. Units)	+/-0.1	9.00	9.03	8.98	8.94				
Conductivity (mS/cm)	3%	19.6	15.3	11.1	10.7				
Turbidity (NTU)	10%	164	31.9	0.00	0.00				
D.O. (mg/L)	10%	2.40	1.12	1.04	1.07				
Temperature (°C) (°F)	3%	11.56°C	11.74°C	11.79°C	11.79°C				
ORP[3](mV)	+/-10 mv	7	-56	-82	-100				
Appearance		C	C	C	C				
Free Product (Yes/No)		NONE	NONE	NONE	NONE				
Odor		NONE	NONE	NONE	NONE				
Comments	PID READING OF WELL HEAD AT TIME OF SAMPLING WAS 0.0 PPM								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

APPENDIX A

LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

Lab Number:	L2316398
Client:	C&S Companies 141 Elm Street Suite 100 Buffalo, NY 14203
ATTN:	Richard Backert
Phone:	(716) 955-3024
Project Name:	CONVENTUS/ MROW
Project Number:	U86
Report Date:	04/04/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CONVENTUS/ MROW
Project Number: U86

Lab Number: L2316398
Report Date: 04/04/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2316398-01	BCPMW-1	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 10:40	03/29/23
L2316398-02	DUP	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 10:40	03/29/23
L2316398-03	BCPMW-7	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 11:20	03/29/23
L2316398-04	BCPMW-4	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 12:10	03/29/23
L2316398-05	BCPMW-3	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 12:50	03/29/23
L2316398-06	BCPMW-6	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 13:55	03/29/23
L2316398-07	BCPMW-5	WATER	CONVENTUS BUILDING/MAIN ST.	03/28/23 14:35	03/29/23
L2316398-08	MSMW-2	WATER	CONVENTUS BUILDING/MAIN ST.	03/29/23 11:15	03/29/23
L2316398-09	TRIP BLANK	WATER	CONVENTUS BUILDING/MAIN ST.	03/29/23 12:15	03/29/23

Project Name:	CONVENTUS/ MROW	**Lab Number:**	L2316398
Project Number:	U86	**Report Date:**	04/04/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	CONVENTUS/ MROW	**Lab Number:**	L2316398
Project Number:	U86	**Report Date:**	04/04/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2316398-06 and -07D: The pH was greater than two; however, the sample was analyzed within the method required holding time.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 04/04/23

ORGANICS

VOLATILES

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-01 Date Collected: 03/28/23 10:40
Client ID: BCPMW-1 Date Received: 03/29/23
Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 14:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-01 Date Collected: 03/28/23 10:40

Client ID: BCPMW-1 Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	118		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-02 Date Collected: 03/28/23 10:40
Client ID: DUP Date Received: 03/29/23
Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 15:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-02 Date Collected: 03/28/23 10:40

Client ID: DUP Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	115		70-130

Project Name: CONVENTUS/ MROW
Lab Number: L2316398
Project Number: U86
Report Date: 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-03
Client ID: BCPMW-7
Sample Location: CONVENTUS BUILDING/MAIN ST.
Date Collected: 03/28/23 11:20
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 15:25
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-03 Date Collected: 03/28/23 11:20

Client ID: BCPMW-7 Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	115		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-04 D
Client ID: BCPMW-4
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/28/23 12:10
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 16:27
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	2.1	J	ug/l	5.0	1.6	10
Toluene	47		ug/l	25	7.0	10
Ethylbenzene	1200		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-04 D
Client ID: BCPMW-4
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/28/23 12:10
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	120		ug/l	25	7.0	10
o-Xylene	16	J	ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	13	J	ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	30		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	320		ug/l	25	7.0	10
n-Propylbenzene	180		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1500		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	160		ug/l	100	2.7	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	57	J	ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	98		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-05
Client ID: BCPMW-3
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/28/23 12:50
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 15:45
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	2.1	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-05 Date Collected: 03/28/23 12:50

Client ID: BCPMW-3 Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.6	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	2.8		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.60	J	ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	113		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-06
Client ID: BCPMW-6
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/28/23 13:55
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 16:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-06 Date Collected: 03/28/23 13:55

Client ID: BCPMW-6 Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-07 D
Client ID: BCPMW-5
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/28/23 14:35
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 17:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	0.33	J	ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	87		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-07 D Date Collected: 03/28/23 14:35

Client ID: BCPMW-5 Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	250		ug/l	5.0	1.4	2
o-Xylene	12		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
n-Butylbenzene	4.2	J	ug/l	5.0	1.4	2
sec-Butylbenzene	ND		ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
Naphthalene	64		ug/l	5.0	1.4	2
n-Propylbenzene	5.4		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	34		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	160		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	11	J	ug/l	20	0.54	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	8.7	J	ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: CONVENTUS/ MROW
Lab Number: L2316398
Project Number: U86
Report Date: 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-08 D
Client ID: MSMW-2
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/29/23 11:15
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 16:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	160		ug/l	5.0	1.6	10
Toluene	91		ug/l	25	7.0	10
Ethylbenzene	560		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-08 D Date Collected: 03/29/23 11:15

Client ID: MSMW-2 Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	2500		ug/l	25	7.0	10
o-Xylene	640		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	35		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	17	J	ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	270		ug/l	25	7.0	10
n-Propylbenzene	62		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	420		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1400		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	160		ug/l	100	2.7	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	100		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	105		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-09
Client ID: TRIP BLANK
Sample Location: CONVENTUS BUILDING/MAIN ST.

Date Collected: 03/29/23 12:15
Date Received: 03/29/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/31/23 14:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

SAMPLE RESULTS

Lab ID: L2316398-09 Date Collected: 03/29/23 12:15

Client ID: TRIP BLANK Date Received: 03/29/23

Sample Location: CONVENTUS BUILDING/MAIN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	117		70-130

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/31/23 10:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1761896-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CONVENTUS/ MROW **Lab Number:** L2316398

Project Number: U86 **Report Date:** 04/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/31/23 10:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1761896-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CONVENTUS/ MROW
Project Number: U86
Lab Number: L2316398
Report Date: 04/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/31/23 10:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1761896-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CONVENTUS/ MROW
Project Number: U86

Lab Number: L2316398
Report Date: 04/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1761896-3 WG1761896-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	96		88		63-132	9		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	87		89		63-130	2		20
1,1,2-Trichloroethane	99		99		70-130	0		20
Tetrachloroethene	92		91		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		95		67-130	5		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	89		91		70-130	2		20
cis-1,3-Dichloropropene	100		98		70-130	2		20
Bromoform	85		80		54-136	6		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	120		110		70-130	9		20
Toluene	100		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		110		64-130	9		20
Bromomethane	64		61		39-139	5		20
Vinyl chloride	130		120		55-140	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CONVENTUS/ MROW
Project Number: U86

Lab Number: L2316398
Report Date: 04/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1761896-3 WG1761896-4								
Chloroethane	**150**	Q	**150**	Q	55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	98		94		63-130	4		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	130		110		36-147	17		20
Acetone	96		93		58-148	3		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	77		87		63-138	12		20
4-Methyl-2-pentanone	84		83		59-130	1		20
2-Hexanone	82		87		57-130	6		20
1,2-Dibromoethane	90		95		70-130	5		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		97		70-130	3		20
tert-Butylbenzene	100		98		70-130	2		20
1,2-Dibromo-3-chloropropane	82		79		41-144	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CONVENTUS/ MROW

Project Number: U86

Lab Number: L2316398

Report Date: 04/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1761896-3 WG1761896-4								
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	100		97		70-130	3		20
Naphthalene	99		98		70-130	1		20
n-Propylbenzene	110		100		69-130	10		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
Methyl Acetate	99		96		70-130	3		20
Cyclohexane	100		97		70-130	3		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	95		90		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		104		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	108		102		70-130

Project Name: CONVENTUS/ MROW
Project Number: U86

Lab Number: L2316398
Report Date: 04/04/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316398-01A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-01B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-01C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-02A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-02B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-02C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-03A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-03B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-03C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-04A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-04B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-04C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-05A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-05B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-05C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-06A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-06B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-06C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-07A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-07B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-07C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-08A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-08B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: CONVENTUS/ MROW
Project Number: U86

Lab Number: L2316398
Report Date: 04/04/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316398-08C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-09A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2316398-09B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	CONVENTUS/ MROW	**Lab Number:**	L2316398
Project Number:	U86	**Report Date:**	04/04/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	CONVENTUS/ MROW	**Lab Number:**	L2316398
Project Number:	U86	**Report Date:**	04/04/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	CONVENTUS/ MROW	**Lab Number:**	L2316398
Project Number:	U86	**Report Date:**	04/04/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	CONVENTUS/ MROW	**Lab Number:**	L2316398
Project Number:	U86	**Report Date:**	04/04/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/30/23

ALPHA Job #: L2316398

Client Information
Client: C+S ENGINEERS
Address: 141 ELM ST.
BUFFALO, NY 14203
Phone: 716-791-3520
Fax:
Email: Rbachert@CSOS.COM

Project Information
Project Name: CONVENTUS / MROW
Project Location: CONVENTUS Building / MAIN ST.
Project #: USL
(Use Project name as Project #) ☐
Project Manager: RICH BACHERT
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	Sample Specific Comments	Total Bottle
16398-01	BCP MW-1	3/28/23	10:40	GW	RB	X		3
02	DUP	3/28/23	10:40	GW	RB	X		3
03	BCP MW-7	3/28/23	11:20	GW	RB	X		3
04	BCP MW-4	3/28/23	12:10	GW	RB	X		3
05	BCP MW-3	3/28/23	12:50	GW	RB	X		3
06	BCP MW-6	3/28/23	1:55	GW	RB	X		3
07	BCP MW-5	3/28/23	2:35	GW	RB	X		3
08	MSMW-2	3/29/23	11:15	GW	RB	X		3
09	TRIP BLANK	3/29/23	12:15	GW	RB	X		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	✓												
Preservative	B												

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] 1315	3/29/23	[signature] AAC	3/29/23 1315
[signature] AAC	3/29/23 13:15	Jennifer Dellicker	3/30/23 00:35

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2349371
Client:	C&S Companies 141 Elm Street Suite 100 Buffalo, NY 14203
ATTN:	Richard Backert
Phone:	(716) 955-3024
Project Name:	CONVENTUS BUILDING
Project Number:	U86
Report Date:	08/31/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CONVENTUS BUILDING
Project Number: U86

Lab Number: L2349371
Report Date: 08/31/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2349371-01	BCPMW-1	WATER	CONVENTUS	08/24/23 10:15	08/24/23
L2349371-02	DUP	WATER	CONVENTUS	08/24/23 10:15	08/24/23
L2349371-03	BCPMW-7	WATER	CONVENTUS	08/24/23 11:00	08/24/23
L2349371-04	BCPMW-4	WATER	CONVENTUS	08/24/23 11:35	08/24/23
L2349371-05	BCPMW-3	WATER	CONVENTUS	08/24/23 12:15	08/24/23
L2349371-06	BCPMW-6	WATER	CONVENTUS	08/24/23 12:55	08/24/23
L2349371-07	BCPMW-5	WATER	CONVENTUS	08/24/23 13:40	08/24/23
L2349371-08	TRIP BLANK	WATER	CONVENTUS	08/24/23 14:40	08/24/23

Project Name:	CONVENTUS BUILDING	**Lab Number:**	L2349371
Project Number:	U86	**Report Date:**	08/31/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	CONVENTUS BUILDING	**Lab Number:**	L2349371
Project Number:	U86	**Report Date:**	08/31/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2349371-06: The pH was greater than two; however, the sample was analyzed within the method required holding time.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/31/23

ORGANICS

VOLATILES

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-01
Client ID: BCPMW-1
Sample Location: CONVENTUS
Date Collected: 08/24/23 10:15
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 12:53
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-01 Date Collected: 08/24/23 10:15

Client ID: BCPMW-1 Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-02
Client ID: DUP
Sample Location: CONVENTUS
Date Collected: 08/24/23 10:15
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 13:18
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-02 Date Collected: 08/24/23 10:15

Client ID: DUP Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	108		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-03
Client ID: BCPMW-7
Sample Location: CONVENTUS

Date Collected: 08/24/23 11:00
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 13:44
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-03 Date Collected: 08/24/23 11:00

Client ID: BCPMW-7 Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-04 D
Client ID: BCPMW-4
Sample Location: CONVENTUS
Date Collected: 08/24/23 11:35
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 14:09
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	5.2		ug/l	1.2	0.40	2.5
Toluene	20		ug/l	6.2	1.8	2.5
Ethylbenzene	460		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	ND		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-04 D Date Collected: 08/24/23 11:35

Client ID: BCPMW-4 Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	4.0	J	ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
n-Butylbenzene	4.1	J	ug/l	6.2	1.8	2.5
sec-Butylbenzene	1.8	J	ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	13		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	26		ug/l	6.2	1.8	2.5
n-Propylbenzene	64		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	240		ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	56		ug/l	25	0.68	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	16	J	ug/l	25	0.99	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	92		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-05
Client ID: BCPMW-3
Sample Location: CONVENTUS

Date Collected: 08/24/23 12:15
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 15:00
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.50		ug/l	0.50	0.16	1
Toluene	3.1		ug/l	2.5	0.70	1
Ethylbenzene	28		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-05 Date Collected: 08/24/23 12:15

Client ID: BCPMW-3 Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	86		ug/l	2.5	0.70	1
o-Xylene	2.2	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	16		ug/l	2.5	0.70	1
n-Propylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	8.5		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	56		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	9.7	J	ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	5.1	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-06
Client ID: BCPMW-6
Sample Location: CONVENTUS
Date Collected: 08/24/23 12:55
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 15:25
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-06 Date Collected: 08/24/23 12:55

Client ID: BCPMW-6 Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-07 D
Client ID: BCPMW-5
Sample Location: CONVENTUS
Date Collected: 08/24/23 13:40
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 14:35
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	11	J	ug/l	25	7.0	10
Ethylbenzene	1100		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-07 D Date Collected: 08/24/23 13:40
Client ID: BCPMW-5 Date Received: 08/24/23
Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	3200		ug/l	25	7.0	10
o-Xylene	70		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	16	J	ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	640		ug/l	25	7.0	10
n-Propylbenzene	67		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	320		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	1600		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	98	J	ug/l	100	2.7	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	42	J	ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-08
Client ID: TRIP BLANK
Sample Location: CONVENTUS
Date Collected: 08/24/23 14:40
Date Received: 08/24/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/28/23 12:28
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CONVENTUS BUILDING **Lab Number:** L2349371

Project Number: U86 **Report Date:** 08/31/23

SAMPLE RESULTS

Lab ID: L2349371-08 Date Collected: 08/24/23 14:40

Client ID: TRIP BLANK Date Received: 08/24/23

Sample Location: CONVENTUS Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	106		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/28/23 08:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1821482-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/28/23 08:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1821482-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CONVENTUS BUILDING
Project Number: U86
Lab Number: L2349371
Report Date: 08/31/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/28/23 08:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1821482-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CONVENTUS BUILDING

Project Number: U86

Lab Number: L2349371

Report Date: 08/31/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1821482-3 WG1821482-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	90		90		54-136	0		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	110		100		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	120		110		39-139	9		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: CONVENTUS BUILDING
Project Number: U86

Lab Number: L2349371
Report Date: 08/31/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1821482-3 WG1821482-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	94		98		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	97		98		63-130	1		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	98		97		36-147	1		20
Acetone	93		84		58-148	10		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	85		88		63-138	3		20
4-Methyl-2-pentanone	87		92		59-130	6		20
2-Hexanone	81		84		57-130	4		20
1,2-Dibromoethane	100		100		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	93		87		41-144	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CONVENTUS BUILDING

Project Number: U86

Lab Number: L2349371

Report Date: 08/31/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1821482-3 WG1821482-4								
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	90		90		70-130	0		20
n-Propylbenzene	100		110		69-130	10		20
1,2,4-Trichlorobenzene	97		99		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	100		100		70-130	0		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	99		100		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	97		94		70-130
Dibromofluoromethane	103		103		70-130

Project Name: CONVENTUS BUILDING
Project Number: U86

Lab Number: L2349371
Report Date: 08/31/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2349371-01A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-01B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-01C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-02A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-02B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-02C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-03A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-03B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-03C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-04A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-04B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-04C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-05A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-05B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-05C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-06A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-06B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-06C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-07A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-07B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-07C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-08A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2349371-08B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: CONVENTUS BUILDING
Project Number: U86

Lab Number: L2349371
Report Date: 08/31/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	CONVENTUS BUILDING	**Lab Number:**	L2349371
Project Number:	U86	**Report Date:**	08/31/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	CONVENTUS BUILDING	**Lab Number:**	L2349371
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	CONVENTUS BUILDING	**Lab Number:**	L2349371
Project Number:	U86	**Report Date:**	08/31/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	CONVENTUS BUILDING	**Lab Number:**	L2349371
Project Number:	U86	**Report Date:**	08/31/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/25/23

ALPHA Job #: L2349371

Client Information
Client: CES ENGINEERS
Address: 141 ELM ST. BUFFALO NY (420)
Phone: 716-796-3520
Fax:
Email: Rbackert@CESos.com

Project Information
Project Name: CONVENTUS
Project Location: CONVENTUS Building
Project # 4516
(Use Project name as Project #) ☐
Project Manager: RICH BACKERT
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

DUP Collected From BCPMW-1

Please specify Metals or TAL.

ANALYSIS

VOCs 8260

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	Sample Specific Comments	Total Bottle
49371 01	BCPMW-1	8/24/23	10:15	GW	RB	X		3
02	DUP	8/24/23	10:15	GW	RB	X		3
03	BCPMW-7	8/24/23	11:00	GW	RB	X		3
04	BCPMW-4	8/24/23	11:35	GW	RB	X		3
05	BCPMW-3	8/24/23	12:15	GW	RB	X		3
06	BCPMW-6	8/24/23	12:55	GW	RB	X		3
07	BCPMW-5	8/24/23	1:40	GW	RB	X		3
08	TRIP BLANK	8/24/23	2:40	GW	RB	X		2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
	8/24/23 1505	Brooklyn Troy (AAL)	8/24/23 15:05
Brooklyn Troy (AAL)	8/24/23 15:05		8/25/23 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

DATA USABILITY SUMMARY REPORT (DUSR)

Conventus/MROW
Buffalo, NY
Project # U86

SDG: L2316398
8 Water Samples and 1 Trip Blank

Prepared for:

C&S Companies
141 Elm Street, Suite 100
Buffalo, NY 14203
Attention: Cody Martin

May 2024

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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Tables

REVIEWER'S NARRATIVE
C&S Companies SDG L2316398 Conventus/MROW

The data associated with this Sample Delivery Groups (SDG) L2316398, analyzed by Alpha Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 5/23/2024

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Conventus/MROW Buffalo, NY Project #: U86
SAMPLING DATEs:	March 29, 2023
SAMPLE TYPE:	8 water samples and 1 trip blank
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	SDG L2316398

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 8 water samples and 1 trip blank collected on 3/29/23. These samples were analyzed for Volatile Organic Compounds (VOCs).

All laboratory analyses were submitted to Alpha Analytical, Westborough, MA and analyzed as SDG L2316398. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Table 6-1. The table lists the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2316398, nine samples were analyzed and results were reported for 522 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
BCPMW-1 Dup BCPMW-7 BCPMW-4 BCPMW-3 BCPMW-6 BCPMW-5 MSMW-2 Trip blank	Dichlorodifluouomethane Chloromethane Vinyl chloride Bromomethane Chloroethane Carbon disulfide 2-Butanone	UJ non-detects J detects	ICV and/or CCV % D > QC limit	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

DATA USABILITY SUMMARY REPORT (DUSR)

Conventus Buildings
Buffalo, NY
Project # U86

SDG: L2349371
7 Water Samples and 1 Trip Blank

Prepared for:

C&S Companies
141 Elm Street, Suite 100
Buffalo, NY 14203
Attention: Cody Martin

October 2023

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
C&S Companies SDG L2349371 Conventus buildings

The data associated with this Sample Delivery Groups (SDG) L2349371, analyzed by Alpha Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

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Reviewer's Signature:_____ Date: 10/6/2023

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	Conventus Buildings Buffalo, NY Project #: U86
SAMPLING DATEs:	August 24, 2023
SAMPLE TYPE:	7 water samples and 1 trip blank
LABORATORY:	Alpha Analytical Westborough, MA
SDG No.:	SDG L2349371

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

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- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 7 water samples and 1 trip blank collected on 8/24/23. These samples were analyzed for Volatile Organic Compounds (VOCs).

All laboratory analyses were submitted to Alpha Analytical, Westborough, MA and analyzed as SDG L2349371. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

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Radiological Analysis		
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Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
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Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
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Field Duplicate	

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J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Table 6-1. The table lists the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2349371, eight samples were analyzed and results were reported for 464 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
BCPMW-1 Dup BCPMW-7 BCPMW-4 BCPMW-3 BCPMW-6 BCPMW-5 Trip blank	Chloroethane	J detects UJ non-detects	CCV > 20 % QC limit	Data are estimated

APPENDIX B

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

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

2/6/2024

Robert Bragg
Kaleida Properties, Inc.
726 Exchange Street
Buffalo, NY 14210
rbragg@kaleidahealth.org

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Former Mobil Service Station 99-MST
Site No.: C915260
Site Address: 979 Main Street
Buffalo, NY 14203

Dear Robert Bragg:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **April 23, 2024**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Professional Engineer (PE). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Megan Kuczka, the Project Manager, at 716-842-2175 or megan.kuczka@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
700 Delaware Ave

Buffalo, NY 14209-2202

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

Fort Schuyler Management Corp. - talfieri@ny-creates.org
Kaleida Health - rbragg@kaleidahealth.org
Seavest Core Buffalo Conventus, LLC - mbasheer@seavesthcp.com
Kaleida Health - Robert Bragg - rbragg@kaleidahealth.org
Seavest Core Buffalo Coventus, LLC - Malika Basheer - mbasheer@seavesthcp.com
Ciminelli Real Estate Corporation (FLC 50 High/Coventus) - Paul Ciminelli - pciminelli@ciminelli.com

ec: w/ enclosures

Megan Kuczka, Project Manager
Andrea Caprio, Hazardous Waste Remediation Supervisor, Region 9

C&S Engineers, Inc. - Richard Backert - Rbackert@cscos.com
C&S Engineers, Inc. - Cody Martin - cmartin@cscos.com

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the 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. C915260

Site Name Former Mobil Service Station 99-MST

Site Address: 979 Main Street Zip Code: 14203
City/Town: Buffalo
County: Erie
Site Acreage: 1.725

Reporting Period: March 24, 2023 to March 24, 2024

	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? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915260 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
100.79-1-1.1/1	Seavest Core Buffalo Conventus, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Prohibition of use of groundwater.
2. Landuse Restriction for Restricted Residential, Commercial or Industrial use.
3. Soil Management or Excavation Work Plan for any future intrusive work.
4. Groundwater Monitoring Plan.

100.79-1-1.1/2	Seavest Core Buffalo Conventus, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Prohibition of use of groundwater.
2. Landuse Restriction for Restricted Residential, Commercial or Industrial use.
3. Soil Management or Excavation Work Plan for any future intrusive work.
4. Groundwater Monitoring Plan.

100.79-1-1.1/3	Fort Schuyler Management Corp.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Prohibition of use of groundwater.
2. Landuse Restriction for Restricted Residential, Commercial or Industrial use.
3. Soil Management or Excavation Work Plan for any future intrusive work.
4. Groundwater Monitoring Plan.

Portion of 100.79-1-2.11	Kaleida Health	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Prohibition of use of groundwater.
2. Landuse Restriction for Restricted Residential, Commercial or Industrial use.
3. Soil Management or Excavation Work Plan for any future intrusive work.
4. Groundwater Monitoring Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
100.79-1-1.1/1	Groundwater Treatment System

Groundwater will be treated in-situ by injections of oxygen release compounds (ORC) to degrade petroleum hydrocarbons to harmless compounds.

100.79-1-1.1/2	Groundwater Treatment System

Groundwater will be treated in-situ by injections of oxygen release compounds (ORC) to degrade petroleum hydrocarbons to harmless compounds.

Parcel	Engineering Control
100.79-1-1.1/3	Groundwater Treatment System Groundwater will be treated in-situ by injections of oxygen release compounds (ORC) to degrade petroleum hydrocarbons to harmless compounds.
Portion of 100.79-1-2.11	Groundwater Treatment System Groundwater will be treated in-situ by injections of oxygen release compounds (ORC) to degrade petroleum hydrocarbons to harmless compounds

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. C915260

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 Cody Martin (print name) at C&S Engineers, Inc. 141 Elm Street, Buffalo, NY 14203 (print business address),

am certifying as Representative for Kaleida Health, Kaleida Properties, Inc., and Seavest Core Buffalo Conventus, LLC (Owner or Remedial Party)

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

Cody A Martin — 6/19/2024

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — 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 H. Nevin Bradford (print name) at C&S Engineers, Inc. 141 Elm Street, Buffalo, NY 14203 (print business address),

am certifying as a Professional Engineer for the Representative for Kaleida Health, Kaleida Properties, Inc., and Seavest Core Buffalo Conventus, LLC (Owner or Remedial Party)

Registration Expires: 04.31.2026

June 18, 2024

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.

C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.
D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.
E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations
A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
1. whether all requirements of each plan were met during the reporting period
2. any requirements not met
3. proposed plans and a schedule for coming into full compliance.
B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
C. Future PRR Submittals
1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

APPENDIX C

PHOTO LOG

Photo 1

Photo 2

C&S COMPANIES®	C&S Engineers, Inc. 141 Elm St, Suite 100 Buffalo, New York 14203	**Photographic Log** Conventus 1001 Main Street Buffalo, New York 14203	PR# U86.001.006 Date: 4/22/2024 Conventus PRR Site Visit

Photo 3

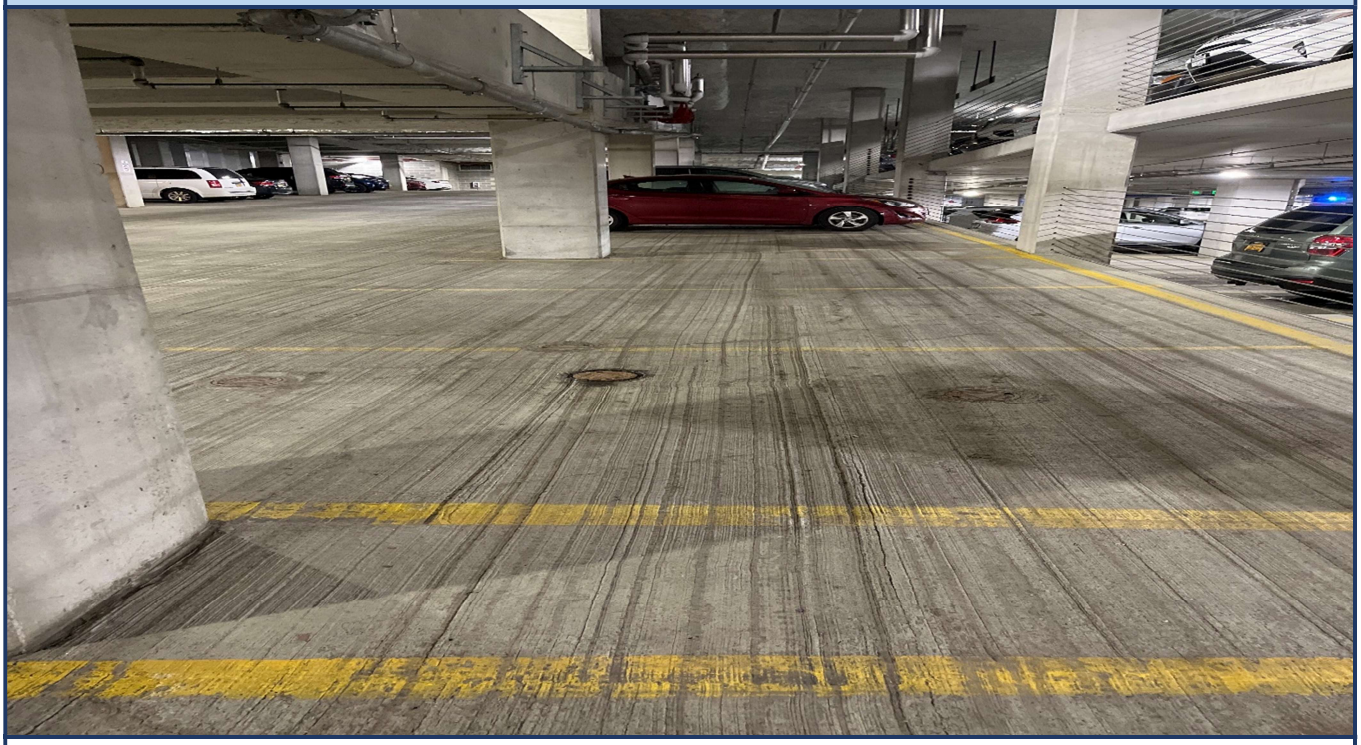
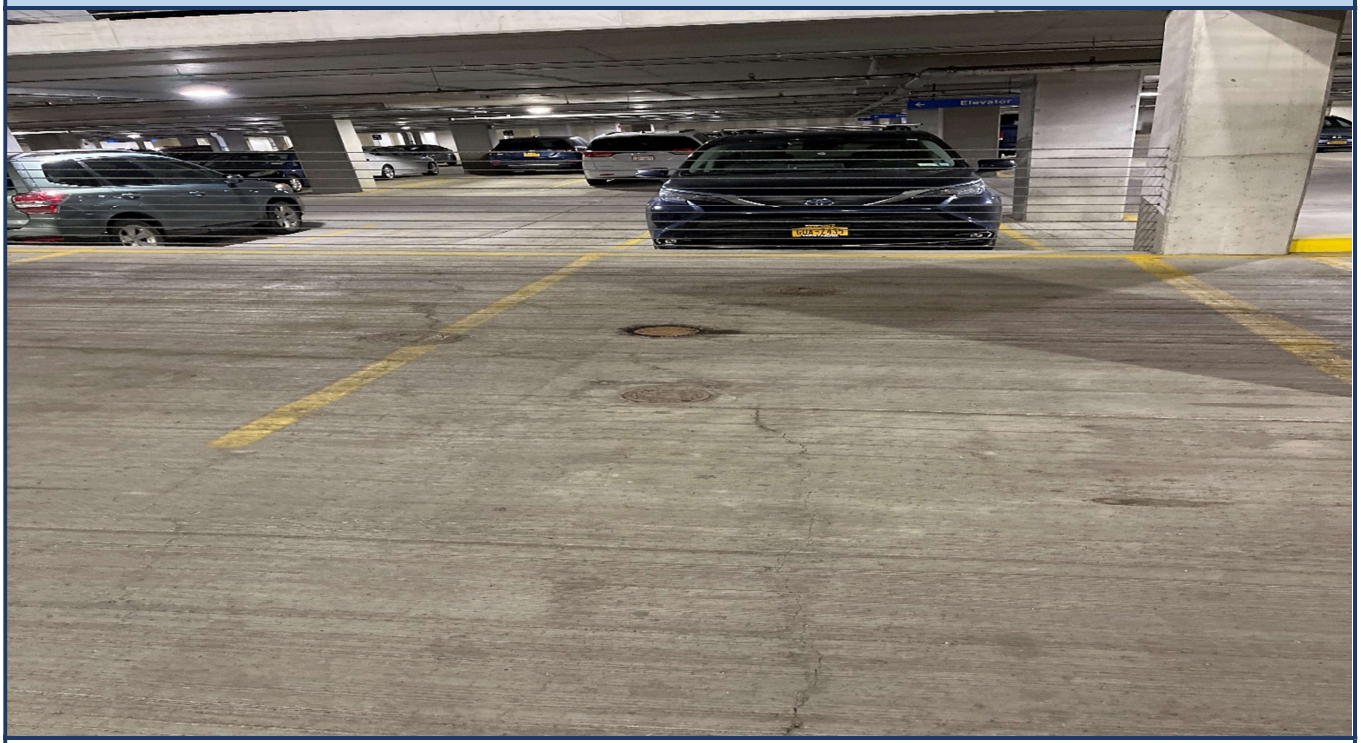


Photo 4



C&S COMPANIES®	C&S Engineers, Inc. 141 Elm St, Suite 100 Buffalo, New York 14203	**Photographic Log** Conventus 1001 Main Street Buffalo, New York 14203	PR# U86.001.006 Date: 4/22/2024 Conventus PRR Site Visit

Photo 5

Photo 6

C&S COMPANIES®	C&S Engineers, Inc. 141 Elm St, Suite 100 Buffalo, New York 14203	**Photographic Log** Conventus 1001 Main Street Buffalo, New York 14203	PR# U86.001.006 Date: 4/22/2024 Conventus PRR Site Visit

Photo 7

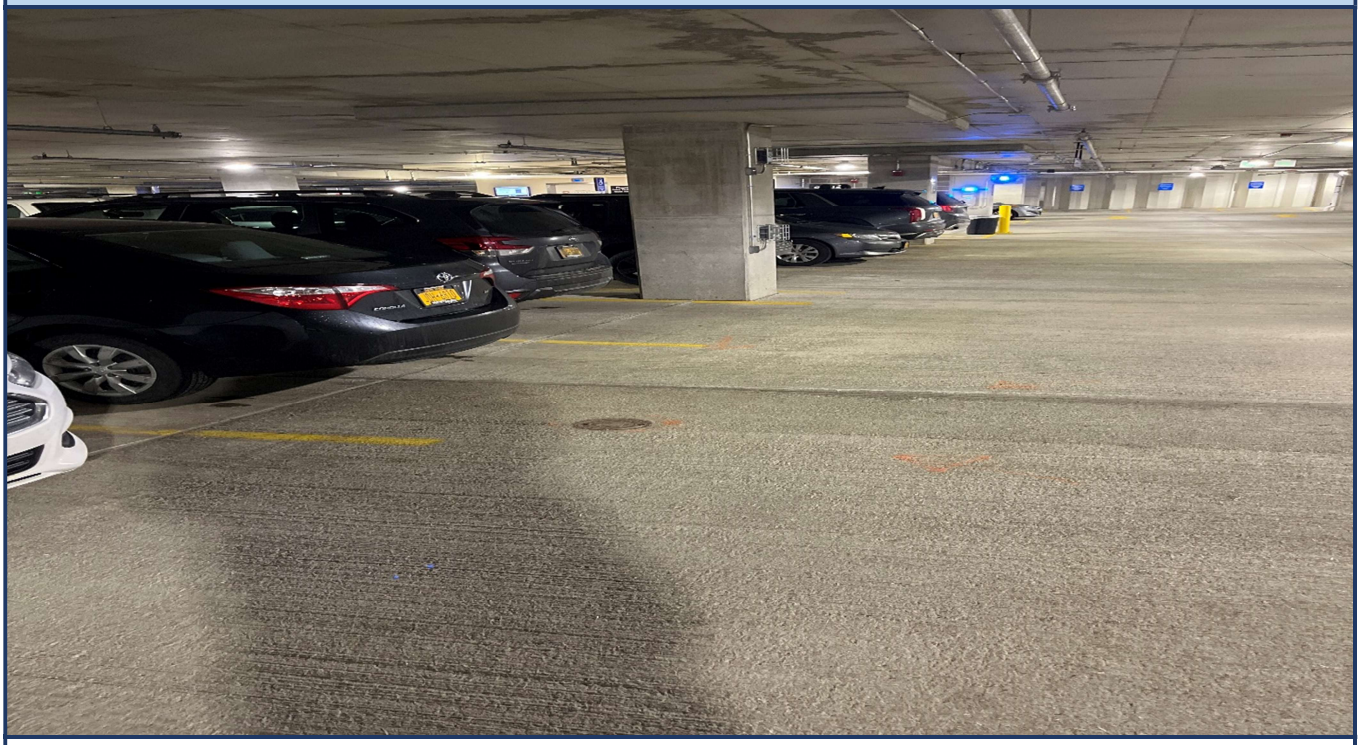


Photo 8

C&S COMPANIES®	C&S Engineers, Inc. 141 Elm St, Suite 100 Buffalo, New York 14203	**Photographic Log** Conventus 1001 Main Street Buffalo, New York 14203	PR# U86.001.006 Date: 4/22/2024 Conventus PRR Site Visit

Photo 9

Photo 10

C&S COMPANIES®	C&S Engineers, Inc. 141 Elm St, Suite 100 Buffalo, New York 14203	**Photographic Log** Conventus 1001 Main Street Buffalo, New York 14203	PR# U86.001.006 Date: 4/22/2024 Conventus PRR Site Visit

Photo 11

Photo 12

C&S COMPANIES®	C&S Engineers, Inc. 141 Elm St, Suite 100 Buffalo, New York 14203	**Photographic Log** Conventus 1001 Main Street Buffalo, New York 14203	PR# U86.001.006 Date: 4/22/2024 Conventus PRR Site Visit

Photo 13

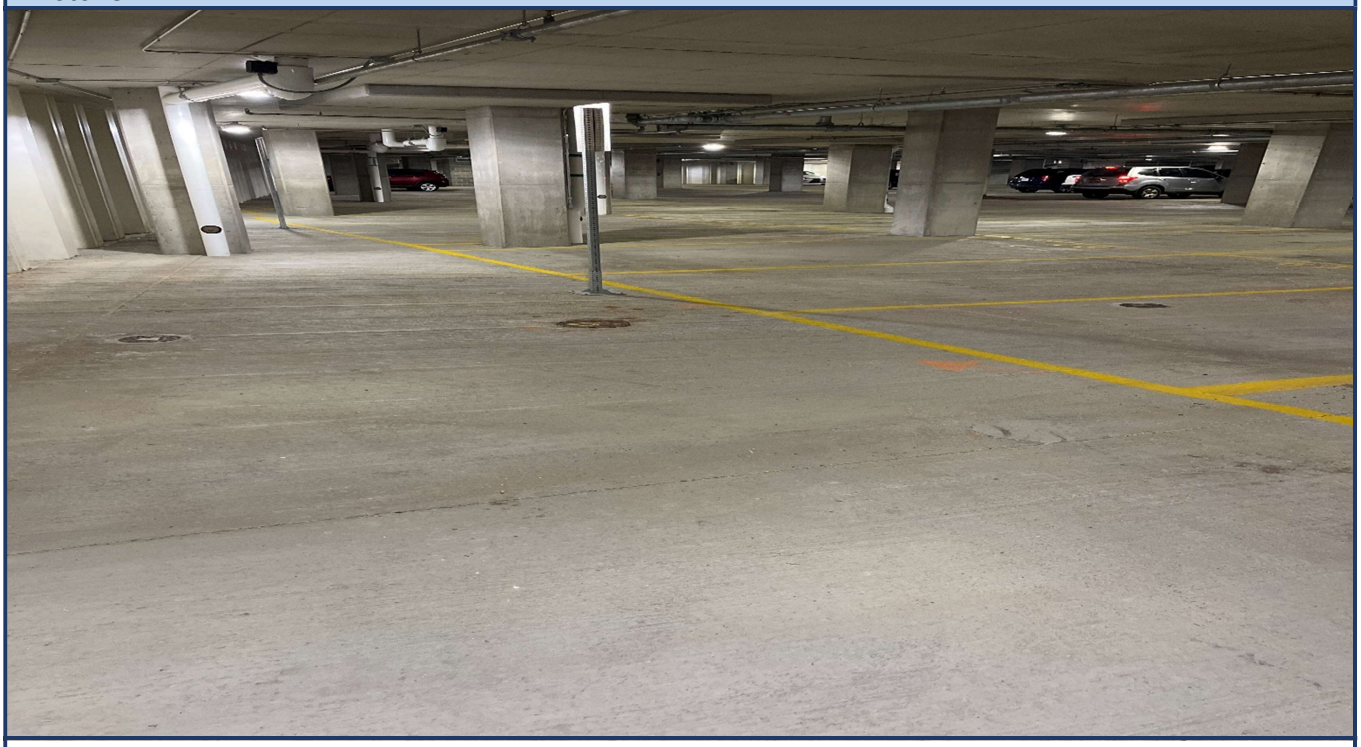
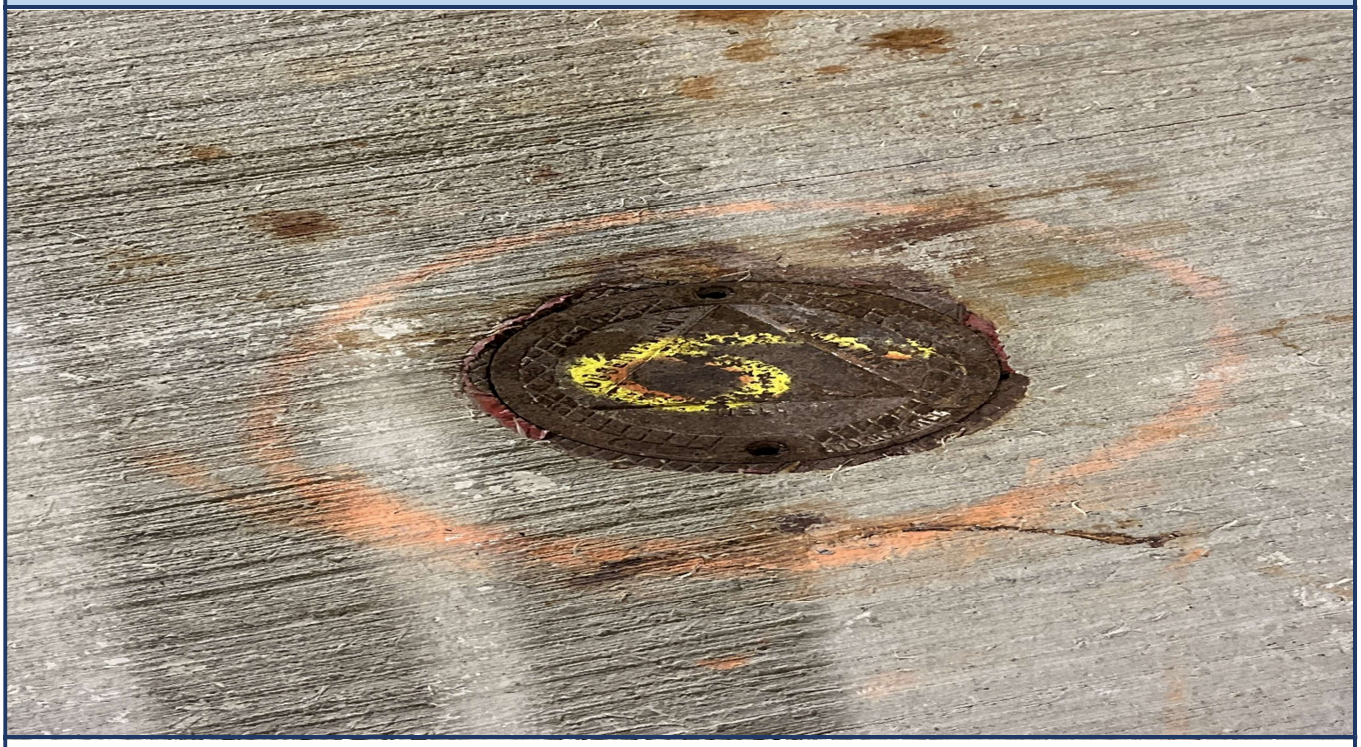


Photo 14



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