Periodic Review Report

1050-1088 Niagara Street Site
NYSDEC BCP #C915277
Buffalo, New York

June 2025 (reporting period of July 31, 2023 to December 23, 2024)

Prepared for:

9271 Group, LLC

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Table of Contents

Tables

Figures

Appendices

1. Introduction

Roux Environmental Engineering and Geology, DPC (Roux), has prepared this Periodic Review Report (PRR) on behalf of 9271 Group, LLC to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C915277, located in the City of Buffalo, Erie County, New York (Site; see Figures 1 and 2).

This PRR has been prepared for the 1050-1088 Niagara Street Site in accordance with NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* (May 2010). The NYSDEC's Institutional and Engineering Controls (IC/EC) Certification Form has been completed for the Site (see Appendix A).

This PRR and the associated inspection forms have been completed for the July 31, 2023 to December 23, 2024 reporting period, per supplemental Department correspondence.

1.1 Site Background

The Site consists of two (2) adjoining parcels, identified as 1050 and 1088 Niagara Street, totaling 2.7± acres, located in the City of Buffalo, Erie County, New York. The Site is currently improved with an existing building and parking lot located on the 1050 Niagara Street parcel; a building with a commercial drive thru and parking lot on the 1088 Niagara Street parcel; and associated landscaped areas (see Figures 1 and 2).

The Site was historically used for commercial and industrial operations since at least 1889. The International Brewing Company and American Gelatine Corp. operated on-Site in the early 1900s. The northern portion of the Site (1088 Niagara Street parcel) included a filling station from at least the 1920s through at least 1960. The Niagara Lithograph Company, a commercial printing company, was located on the 1050 Niagara Street parcel of the Site from at least 1930 through at least 1990; and Miken Companies, also a commercial printing company, was located on-Site until at least 2000.

1.2 Remedial History

After acceptance into the NYS BCP in October 2013, a Remedial Investigation/Interim Remedial Measures/Alternatives Analysis (RI/IRM/AA) Work Plan and supplemental work plans were prepared and submitted to the NYSDEC for review and approval. Interim Remedial Measures (IRM) activities were completed to address the removal of multiple abandoned USTs, appurtenant piping, and hydraulic lifts; excavation of petroleum, PCB, PAH, and metals impacted soils; groundwater management; and excavation backfilling. A Remedial Action Work Plan (RAWP) was prepared and approved by the NYSDEC detailing the soil vapor extraction (SVE) system and site-wide cover system. The cleanup was successful in achieving the remedial objectives for the Site. The Site Management Plan (SMP) and Final Engineering Report (FER) were approved by the Department in December 2017. The NYSDEC issued a COC for the Site on December 29, 2017.

Post-COC operation of the SVE system was completed from 2017 to 2020, with Department approval to discontinue operation in December 2020. The SVE system was demobilized in 2021. Decommissioning of the SVE wells is planned for 2025.

Long-term groundwater monitoring has been completed since COC. Results are discussed below. Groundwater monitoring well MW-4 was decommissioned and removed in April 2023 in accordance with NYSDEC CP-43 guidelines as approved by the Department.

1.3 Recommendations

Based on the post-remedial monitoring and analytical results for the Site, no modifications are recommended at this time for the Site.

1.4 Compliance

The Site is in general compliance with the SMP. The completed IC/EC form is included in Appendix A.

Cover system corrective action related to erosion noted along the western embankment (along the I-190) assumed related to a varmint burrow (groundhog) is ongoing. Several attempts have been made to humanely capture and remove the varmint unsuccessfully. Additional actions to be completed during 2025, in accordance with the Department requested supplemental cover system corrective action work plan. Additional details are provided in Section 4.

2. Site Overview

Previous investigations identified environmental contamination on-Site that required remediation. 9271 Group, LLC entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC to remediate the Site. BCP investigations and remediation were completed between 2014 and 2017.

The remedial activities included:

- Excavation, cleaning, and removal of four (4) underground storage tanks (USTs) and appurtenant piping;
- Excavation and off-site disposal of non-hazardous soil/fill exceeding the Part 375 Restricted Residential Use Soil Cleanup Objectives (SCOs);
- Delineation, excavation, and off-site disposal of hazardous PCB impacted soil/fill;
- Installation of a SVE system to mitigate nuisance petroleum volatile organic compounds (VOCs) within the subsurface soil/fill and petroleum related VOCs and semi-volatile organic compounds (SVOCs) in groundwater;
- Construction and maintenance of a cover system consisting of the existing building, new building, asphalt and concrete pavement, sidewalks; and minimum 24-inches soil cover of approved clean material placed on top of demarcation layer, to prevent human exposure to remaining soil/fill exceeding RRSCOs; and
- Placement of an environmental easement to (1) implement, maintain, and monitor Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the Site to Restricted Residential, Commercial, or Industrial uses only.

Remedial activities were completed in September 2017. The FER and SMP for the Site were approved by the Department in December 2017. The Certificate of Completion (COC) was issued for the Site on December 29, 2017.

3. Remedy Performance

Post-remedial inspections and groundwater monitoring have been completed at the Site for the current reporting period. Groundwater elevation data for the reporting period is provided on Table 1; groundwater sample analytical results are summarized on Table 2; with representative groundwater isopotential shown on Figure 4 for the associated sampling event. Historical trends for total concentrations of total VOCs, SVOCs, and associated tentatively identified compounds (TICs) are provided on Tables 3 through 5. Groundwater monitoring and sampling logs are provided in Appendix B. Laboratory analytical data reports are provided electronically in Appendix C.

As shown on Tables 3 through 5, total concentrations of reported analytes have reduced over time at all sample locations as follows:

- TMW-3:
  - Total VOCs and VOCs TICs have reduced significantly over time with no elevated detections of VOCs exceeding GWQS.
  - Total SVOCs and SVOCs TICs have reduced significantly over time with total concentrations 0.17 ug/L and 16.6 ug/L, respectively. Residual detections are likely related to suspended solids within the water samples.
- MW-3:
  - Total VOCs concentrations have decreased since 2015, with decrease in number of elevated analytes. Continued downward trend in Total VOC concentrations likely indicating natural degradation is ongoing.
  - Total SVOCs detections are reported as estimated (J-flagged) by laboratory. Residual detections are likely related to suspended solids within the water samples.
- MW-6:
  - Total VOCs and VOCs TICs are non-detect.
  - Total SVOCs concentrations are generally reported as non-detect, with certain analytes during select sampling events being reported as estimated (J-flagged) by the laboratory.

Overall, residual groundwater VOC concentrations remain low and decreasing trend indicates ongoing natural degradation. Detection of certain SVOC analytes likely related to suspended solids within the water samples.

Ongoing cover corrective actions related to erosion along the western embankment are ongoing. The remaining cover system is being maintained in general accordance with the SMP. Invasive knotweed measures were completed in 2023 and will be included in annual inspections of the cover system, as the invasive plant is common along the I-190 corridor adjacent to the site. Application of herbicide was completed along the northern and western embankment by TruGreen Commercial (NYS pesticide applicator identification number C9823813) on May 11, 2023 and July 7, 2023. No applications were completed in 2024, with reassessment of knotweed to be completed in future site inspections.

The completed IC/EC Certification form is included in Appendix A.

4. Site Management Plan

The SMP was prepared for the Site and approved by the Department in December 2017. The SMP includes an Institutional and Engineering Control (IC/EC) Plan, Operation, Monitoring and Maintenance (OM&M) Plan, an Excavation Work Plan (EWP), and a copy of the Environmental Easements. A brief description of the components of the SMP is presented below.

4.1 Operation, Monitoring, and Maintenance Plan

The OM&M Plan consists of two major components, including the Long-Term Groundwater Monitoring (LTGWM) Plan; and the Annual Inspection & Certification Program. The SVE system was previously shutdown and is no longer a component of the SMP.

4.1.1 Long-Term Groundwater Monitoring Plan

Long-term groundwater monitoring (LTGWM) has been completed since issuance of COC in 2017. A total of twelve (12) rounds of post-IRM groundwater samples have been collected to date. One (1) sampling event was completed during this reporting period, on December 23, 2024. Minor odors were noted at MW-3 during pre-sample purge only, though no odors were noted at any of the other well locations.

Groundwater well MW-5R continues to be observed as dry. MW-5R will be sampled if recoverable volume is present during future sampling events.

Groundwater sampling logs are provided in Appendix B. Groundwater elevation data is provided on Table 1 and groundwater analytical results are summarized on Table 2. Historical trends for total concentrations of total VOCs, SVOCs, and associated tentatively identified compounds (TICs) are provided on Tables 3 through 5. Laboratory analytical data reports are provided in Appendix C. The Data Usability Summary Report (DUSR) for this reporting period is provided in Appendix D.

4.1.2 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines the requirements for the Site, to certify and attest that the institutional controls and/or engineering controls employed at the Site are unchanged from the previous certification. The Annual Certification will primarily consist of an annual Site Inspection to complete the NYSDEC's IC/EC Certification Form. The Site inspection will verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

Site inspection was completed on December 23, 2024 concurrent with the sampling event; however, snow cover was present during the 2024 site inspection. The Site inspection form is included in Appendix A; however, no photolog is provided due to Site conditions at the time of inspection.

The property is being used in accordance with the Restricted Residential Use [mixed-use commercial (office and retail) and residential (apartments)], with surface parking, paved walkways, and landscaped areas. No observable indication of intrusive activities was noted during the Site inspection. No observable use of groundwater was noted during the reporting period.

Prior invasive species knotweed was addressed during the 2023 growing season, as detailed in the 2023 PRR. No recurrence was noted during the 2024 inspection. Inspection for knotweed will be completed during the 2025 site inspection as the invasive plant is abundant along the I-190 expressway directly west of the site.

Ongoing cover corrective action for the erosion along the western embankment is noted. The western embankment will be addressed during the 2025 construction season and documented in future PRRs. As requested by the Department, a supplemental cover system corrective action plan will be provided for Department review.

The completed Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certification Form is included in Appendix A.

4.1.3 Decommissioning of SVE Wells and Vapor Monitoring Points

As requested by the Department, the decommissioning of the SVE wells and Vapor Monitoring points will be completed during the 2025 construction season in accordance with the CP-43. Details will be provided in the 2024-2025 PRR.

4.2 Excavation Work Plan

An Excavation Work Plan (EWP) was included in the approved-SMP for the Site. The EWP provides guidelines for the management of soil and fill material during any future intrusive activities.

No intrusive activities requiring management of on-Site soil or fill material; or the import and placement of backfill materials occurred during the reporting period. As noted above, a supplemental cover system corrective action plan will be provided for Department review.

Notification will be provided to the Department when corrective actions for the cover system are scheduled.

4.3 Engineering and Institutional Control Requirements and Compliance

As detailed in the Environmental Easements, several IC/ECs need to be maintained as a requirement of the SMP for the Site.

4.3.1 Institutional Controls

- Groundwater-Use Restriction – the use of groundwater for potable and non-potable purposes is prohibited without water quality treatment as determined by the NYSDOH;
- Land-Use Restriction – The controlled property may be used for restricted residential, commercial, and/or industrial use; and
- Implementation of the SMP.

4.3.2 Engineering Controls

- All engineering controls must be operated, maintained, and inspected as specified in the SMP;
- Soil Vapor Extraction – SVE System was operated and maintained from 2017 to 2020. The Department approved the shutdown and removal of the SVE system in December 2020.
- Cover System – The cover system, including buildings, concrete sidewalks, asphalt, stone, and landscaped vegetated areas are being maintained in general compliance with the SMP. The former area of stone cover (SVE trailer) has been covered in concrete.

With the exception of the western embankment, as noted above, the Site was generally compliant with the SMP requirements.

5. Conclusions and Recommendations

Conclusions:

The Site was in general compliance with the SMP.

Cover system corrective actions to address the erosion on the western embankment will be completed during the 2025 construction season.

Recommendations:

- No modifications are recommended at this time.

6. Declaration/Limitation

Roux personnel conducted the annual site inspection for the 1050-1088 Niagara Street BCP Site No. C915277, located in Buffalo, New York, according to generally accepted practices. This report complied with the scope of work provided to 9271 Group, LLC by Roux.

This report has been prepared for the exclusive use of 9271 Group, LLC. The contents of this report are limited to information available at the time of the site inspection. The findings herein may be relied upon only at the discretion of 9271 Group, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Roux.

TABLES

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TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS
PERIODIC REVIEW REPORT
1050-1088 NIAGARA STREET SITE (BCP SITE NO. C915277)
BUFFALO, NEW YORK

Location	TOR Elevation (feet)	DTW (fbTOR) [1]	Groundwater Elevation (feet) [2]
		Sample Date	
		12/23/2024	
TMW-3	598.31	9.95	588.36
MW-3	613.44	26.88	586.56
MW-5R[2]	615.62	Dry	595.39
MW-6	622.01	9.68	612.33

Notes:

1. DTW based on water levels collected by Roux on 12/23/24.
2. Groundwater elevation based on bottom of well elevation.

Defintions:

TOR = Top of riser
DTW = Depth to water
fb = feet below

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TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS[2]	TMW-3							
		11/9/14	2/12/15	5/1/17	11/15/17	5/12/18	4/6/19	11/2/19	7/2/20
Volatile Organic Compounds (VOCs) - ug/L				D					
1,1 Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	1.7 J	ND	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	5	ND	0.62 J	ND	ND	ND	ND	ND	ND
Acetone	50	ND	4.1 J	ND	ND	2.4 J	ND	3.8 J	5.8
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	60	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	75	66	2.8 J	0.9 J	0.47 J	ND	ND	ND
Ethylbenzene	5	ND	1.5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	**91**	**87**	**9.8 J**	1.3 J	1.4 J	0.72 J	ND	0.84 J
Methyl Acetate	--	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	--	130	90	5.7 J	2.1 J	0.96 J	0.46 J	ND	ND
Methylene Chloride	5	2.6 J,B	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	**20**	**17**	ND	ND	ND	ND	ND	ND
n-Proplybenzene	5	**100**	**98**	**13 J**	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	**21**	ND	ND	ND	ND	ND	ND
tert-butylbenzene	5	ND	2.8	ND	ND	ND	ND	ND	ND
Toluene	5	ND	1.9	ND	ND	ND	ND	ND	ND
Xylene, Total	5	ND	1.6 J	ND	ND	ND	ND	ND	ND
Total VOCs	--	418.6 J,B	393.22 J	31.3 J	4.3 J	5.23 J	1.18 J	3.8 J	6.64 J
VOCs Tentatively Identified Compounds (TICs)- ug/L									
3-Phenylbut-1-ene	--	--	ND	ND	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	--	--	160 NJ	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	140 NJ	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	--	200 NJ	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	--	49 NJ	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	--	ND	ND	3.84 NJ	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	--	ND	ND	4.14 NJ	3.09 NJ	ND	ND	ND
Cyclohexene, 3-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, 1,3-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	--	ND	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	--	130 NJ	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	--	81 NJ	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	54 NJ	16.6 NJ	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	--	68 NJ	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	--	43 NJ	ND	ND	ND	ND	ND	ND
Hexane	--	--	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	--	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND
Indane	--	--	ND	ND	ND	ND	ND	ND	ND
Pentane	--	--	ND	ND	ND	ND	ND	ND	ND
Sulfur Dioxide	--	--	ND	ND	ND	ND	ND	1 NJ	ND
Unknown Benzene	--	--	ND	43.8 J	ND	4.57 J	1.31 J	ND	1.12 J
Unknown Aromatic(s)	--	--	ND	48.8 J	7.35 J	5.53 J	4.03 J	ND	1.07 J
Unknown Cyclohexane	--	--	ND	21.2 J	10.84 J	ND	4.91 J	ND	ND
Unknown Cycloalkane(s)	--	--	ND	ND	7.75 J	8.17 J	1.1 J	ND	ND
Unknown(s)	--	--	52 J	18.4 J	3.41 J	5.16 J	1.29 J	1.08 J	ND
Total TICs	--	--	977	148.8	37.33 J	26.52 J	12.64 J	2.08 J	2.19 J
Semivolatile Organic Compounds (SVOCs) - ug/L									
2-Chloronaphthalene	10	ND	--	--	--	ND	ND	ND	ND
2-Methylnaphthalene	--	44	--	--	--	ND	ND	0.07 J	0.06 J
Acenaphthene	20	ND	--	--	--	ND	ND	0.03 J	ND
Acenaphthylene	--	ND	--	--	--	ND	ND	ND	0.03 J
Acetophenone	--	27	--	--	--	ND	ND	ND	ND
Anthracene	50	0.7 J	--	--	--	0.02 J	ND	0.1 J	0.05 J
Benzaldehyde	--	ND	--	--	--	ND	ND	ND	ND
Benzo(a)anthracene	0.002	**0.46 J**	--	--	--	ND	ND	**0.46**	**0.2**
Benzo(a)pyrene	ND	**0.66 J**	--	--	--	**0.03 J**	**0.04 J**	**0.49**	**0.27**
Benzo(b)fluoranthene	0.002	**1.5 J**	--	--	--	**0.04 J**	**0.04 J**	**0.77**	**0.33**
Benzo(ghi)perylene	--	0.67 J	--	--	--	0.02 J	0.03 J	0.48 J	0.31
Benzo(k)fluoranthene	0.002	ND	--	--	--	**0.02 J**	**0.04 J**	**0.22**	**0.14**
Benzoic acid	--	ND	--	--	--	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	5	**6.7 B**	--	--	--	**8.2 B**	ND	3.6	**7.8**
Butyl benzyl phthalate	50	ND	--	--	--	ND	ND	ND	7.9
Carbazole	--	ND	--	--	--	ND	ND	ND	ND
Caprolactam	--	ND	--	--	--	ND	ND	ND	ND
Chrysene	0.002	**0.49 J**	--	--	--	ND	**0.04 J**	**0.44**	**0.35**
Dibenzo(a,h)anthracene	--	ND	--	--	--	ND	ND	0.11	0.05 J
Dibenzofuran	--	0.95 J	--	--	--	ND	ND	ND	ND
Diethyl phthalate	50	ND	--	--	--	0.73 J	ND	1.6 J	ND
Di-n-butylphthalate	50	ND	--	--	--	ND	ND	ND	ND
Fluoranthene	50	1.3 J	--	--	--	0.07 J	0.07 J	0.73 J	0.4
Fluorene	50	1.2 J	--	--	--	0.02 J	ND	0.05 J	0.03 J
Hexachlorobenzene	--	ND	--	--	--	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	**0.64 J**	--	--	--	**0.02 J**	**0.03 J**	**0.48**	**0.22**
Isophorone	50	37	--	--	--	ND	ND	ND	ND
Naphthalene	10	9.6	--	--	--	ND	ND	0.09 J	0.06 J
Pentachlorophenol	1	--	--	--	--	ND	ND	ND	0.32 J
Phenanthrene	50	2.5 J	--	--	--	0.07 J	0.05 J	0.41	0.29
Phenol	1	ND	--	--	--	ND	ND	ND	ND
Pyrene	50	1 J	--	--	--	0.06 J	0.07 J	0.66	0.35
Total SVOCs	--	136.37	--	--	--	9.3	0.41	10.79	19.16
SVOCs Tentatively Identified Compounds (TICs)- ug/L									
1-Phenyl-1-butene	--	--	--	--	--	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	--	--	--	--	ND	ND	ND	ND
Aldol Condensates	--	--	--	--	--	34 J	188.3 J	14.1 J	ND
Benzene, 1,2,4,-trimethyl-	--	--	--	--	--	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	--	--	--	--	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	--	--	--	--	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	--	--	--	--	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	--	--	--	--	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	--	--	--	--	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	--	--	--	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	--	--	--	--	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	--	--	--	--	ND	ND	ND	ND
Benzene, propyl-	--	--	--	--	--	ND	ND	ND	ND
Caffeine	--					ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	--	--	--	--	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	--	--	--	--	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	--	--	--	--	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	--	--	--	ND	ND	ND	ND
Cyclohexane, propyl-	--	--	--	--	--	ND	ND	ND	ND
Erucylamide	--	--	--	--	--	ND	ND	ND	ND
Indane	--	--	--	--	--	ND	ND	ND	ND
n-Hexadecanoic acid	--	--	--	--	--	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	--	--	--	--	ND	ND	ND	ND
Octane, 3-methyl-	--	--	--	--	--	ND	ND	ND	ND
Unknown Alcohol	--	--	--	--	--	ND	ND	ND	128.8 J
Unknown Aldehyde	--	--	--	--	--	ND	ND	ND	ND
Unknown Alkane	--	--	--	--	--	ND	ND	31.41 J	ND
Unknown Amide	--	--	--	--	--	ND	ND	ND	ND
Unknown Benzene	--	--	--	--	--	ND	ND	ND	ND
Unknown Cycloalkane	--	--	--	--	--	ND	ND	ND	ND
Unknown Cyclohexane	--	--	--	--	--	ND	ND	ND	ND
Unknown Cyclopentene	--	--	--	--	--	ND	ND	ND	ND
Unknown Furan	--	--	--	--	--	ND	ND	ND	ND
Unknown Organic Acid	--	--	--	--	--	161.49 J	1.45 J	42.1 J	94.7 J
Unknown Phenol	--	--	--	--	--	ND	ND	2.84 J	ND
Unknown Siloxane	--	--	--	--	--	ND	ND	ND	12.2 J
Unknown	--	--	--	--	--	9.99 J	12.21 J	76.61 J	337.1 J
Total TICs	--	--	--	--	--	205.48 J	201.96 J	167.06 J	572.8 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. MW-5 was not sampled during May 2017 sampling due to damage to the well. MW-5R has been routinely dry.

Qualifiers:

D = Dilution required due to high concentration of target analyte above the laboratory reporting limit.
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no GWQS available for the parameter.
J = Estimated Value - Below calibration range
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.
E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
B = Compund was found in the blank and sample.
BOLD = Result exceeds GWQS.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS[2]	TMW-3						
		11/7/20	5/23/21	1/8/22	6/12/22	10/30/22	4/24/23	12/23/24
Volatile Organic Compounds (VOCs) - ug/L								
1,1 Dichloroethane	**5**	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	1.5 J	2 J	1.8 J	1.5 J	1.8 J-	ND	1.6 J
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	**60**	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	ND	ND	ND	0.44 J	ND	ND	ND
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	**--**	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	ND	ND	ND	0.66 J	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND
Xylene, Total	**5**	ND	ND	ND	ND	ND	ND	ND
Total VOCs	--	1.5 J	2 J	1.8 J	2.6 J	1.8 J	ND	1.6 J
VOCs Tentatively Identified Compounds (TICs)- ug/L								
3-Phenylbut-1-ene	--	ND	ND	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, 1,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	ND	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Hexane	--	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Indane	--	ND	ND	ND	ND	ND	ND	ND
Pentane	--	ND	ND	ND	ND	ND	ND	ND
Sulfur Dioxide	--	ND	2 NJ	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	ND	ND	ND	ND	ND	ND
Unknown Aromatic(s)	--	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	ND	ND	ND	ND	ND	ND	ND
Unknown Cycloalkane(s)	--	ND	ND	ND	ND	ND	ND	ND
Unknown(s)	--	ND	ND	ND	ND	ND	ND	ND
Total TICs	--	ND	2 J	ND	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - ug/L								
2-Chloronaphthalene	**10**	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	**--**	0.08 J	ND	0.19	0.08	ND	0.18	ND
Acenaphthene	**20**	0.04 J	ND	0.02 J	ND	ND	0.03 J	ND
Acenaphthylene	**--**	0.04 J	0.02 J	ND	0.03 J	ND	0.04 J	ND
Acetophenone	**--**	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	0.08 J	0.04 J	ND	0.1 J	0.02 J	0.07 J	ND
Benzaldehyde	**--**	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	**0.15**	**0.09 J**	**0.32**	**0.22**	**0.03 J**	**0.25**	**0.03 J**
Benzo(a)pyrene	**ND**	**0.17**	**0.1**	**0.35**	**0.24**	ND	**0.39**	ND
Benzo(b)fluoranthene	**0.002**	**0.21**	**0.14**	**0.54**	**0.34**	**0.02 J**	**0.52**	**0.03 J**
Benzo(ghi)perylene	**--**	0.23	0.1	0.46	0.3	0.02 J	0.36	ND
Benzo(k)fluoranthene	**0.002**	**0.09 J**	**0.04 J**	**0.16**	**0.09**	ND	**0.14**	ND
Benzoic acid	**--**	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	2 J	1.7 J	ND	ND	ND	ND	ND
Butyl benzyl phthalate	**50**	6.6	3.5 J	10	ND	ND	3.6 J	ND
Carbazole	**--**	ND	ND	ND	ND	ND	ND	ND
Caprolactam	**--**	ND	3.5 J	49	ND	ND	ND	ND
Chrysene	**0.002**	**0.21**	**0.11**	**0.49**	**0.32**	**0.01 J**	**0.37**	ND
Dibenzo(a,h)anthracene	**--**	0.05 J	0.03 J	ND	0.05 J	ND	0.08 J	ND
Dibenzofuran	**--**	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	**50**	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**50**	0.56 J	ND	ND	ND	0.53 J	ND	ND
Fluoranthene	**50**	0.23	0.18	0.62	0.44	0.02 J	0.56	0.05 J
Fluorene	**50**	0.05 J	0.02 J	ND	0.03 J	ND	0.04 J	ND
Hexachlorobenzene	**--**	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	**0.16**	**0.1 J**	**0.33**	**0.2**	**0.01 J**	**0.27**	ND
Isophorone	**50**	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**10**	0.08 J	0.09 J	0.16	0.1	0.05 J	0.16	ND
Pentachlorophenol	**1**	0.21 J	ND	0.48 J	ND	ND	0.22 J	ND
Phenanthrene	**50**	0.2	0.11	0.58	0.38	0.05 J	0.43	0.06 J
Phenol	**1**	ND	ND	ND	ND	ND	ND	ND
Pyrene	**50**	0.2	0.16	0.54	0.38	ND	0.48	ND
Total SVOCs	--	11.64	10.03	64.24	3.3	0.76	8.19 J	0.17 J
SVOCs Tentatively Identified Compounds (TICs)- ug/L								
1-Phenyl-1-butene	--	ND	ND	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Aldol Condensates	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, propyl-	--	ND	ND	ND	ND	ND	ND	ND
Caffeine	--	ND	ND	ND	ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	4.47 NJ	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	ND	ND	ND	ND	ND	ND	ND
Erucylamide	--	ND	ND	ND	ND	ND	ND	ND
Indane	--	ND	ND	ND	ND	ND	ND	ND
n-Hexadecanoic acid	--	ND	ND	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Unknown Alcohol	--	ND	3.31 J	ND	ND	2.11 JB	ND	ND
Unknown Aldehyde	--	ND	ND	ND	4.44 J	ND	ND	ND
Unknown Alkane	--	11.85	ND	ND	64.91 J	4.65 JB	61.8 J	ND
Unknown Amide	--	6.91 J	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	4.04	ND	ND	13.6 J	ND	13 J	ND
Unknown Cycloalkane	--	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclopentene	--	ND	ND	ND	ND	ND	ND	ND
Unknown Furan	--	ND	ND	ND	ND	1.78 JB	ND	ND
Unknown Organic Acid	--	10.2 J	15.45 J	50.1 J	12.83 J	7.45 JB	ND	9.2 J
Unknown Phenol	--	ND	ND	ND	ND	ND	ND	ND
Unknown Siloxane	--	ND	ND	ND	ND	ND	ND	ND
Unknown	--	69.42 J	165.59 J	841.44 J	15.16 J	3.78 J	27.57 JB	7.4 J
Total TICs	--	106.89 J	184.35 J	988 J	126 J	19.8 J	102.37 J	16.6 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. MW-5 was not sampled during May 2017 sampling due to damage to the well. MW-5R has been routinely dry.

Qualifiers:

D = Dilution required due to high concentration of target analyte above the laboratory reporting limit.
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no GWQS available for the parameter.
J = Estimated Value - Below calibration range
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.
E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
B = Compund was found in the blank and sample.
BOLD = Result exceeds GWQS.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS[2]	MW-3						
		2/12/15	5/8/17	11/15/17	5/12/18	4/6/19	11/2/19	7/2/20
Volatile Organic Compounds (VOCs) - ug/L								
1,1 Dichloroethane	**5**	1.7	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	0.83 J	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	**100 D**	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	7.6	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	**54 D**	ND	ND	ND	ND	ND	ND
Acetone	**50**	21	ND	ND	ND	ND	ND	ND
Benzene	**1**	**67 D**	**7.9**	**10**	**31**	**39**	**28**	**32**
Carbon disulfide	**60**	0.37 J	ND	ND	ND	ND	ND	ND
Cyclohexane	--	1000 D	70	100	160	260	210	350 D
Ethylbenzene	**5**	**30 D**	ND	ND	ND	ND	1.7 J	2.2 J
Isopropylbenzene	**5**	**200 D**	**36**	**44**	**27**	**60**	**60**	**57**
Methyl Acetate	--	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	--	1200 D	170	210	210	230	160	210 D
Methylene Chloride	**5**	**18**	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	**54 D**	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	**200 D**	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	**50 D**	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	2.6	ND	ND	ND	ND	ND	ND
Toluene	**5**	**7.1**	ND	ND	2.4 J	4.2 J	4 J	4.2
Xylene, Total	**5**	**13 J, D**	ND	2.1 J	3.6 J	**6.2 J**	**8.8 J**	**9.6**
Total VOCs	--	3027.2 J, D	283.9	366.1 J	434 J	599.4 J	472.5 J	665 J
VOCs Tentatively Identified Compounds (TICs)- ug/L								
3-Phenylbut-1-ene	--	ND	ND	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	--	29 NJ	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	50 NJ	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	ND	ND	ND	ND	ND	57.2 NJ	ND
Cyclohexane	--	ND	ND	ND	ND	93.4 NJ	ND	ND
Cyclohexane,1,1-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	ND	71.6 J	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	--	83 NJ	ND	77.3 NJ	87.4 NJ	150 NJ	151 NJ	207 NJ
Cyclopentane, 1,3-dimethyl-	--	ND	ND	ND	89.2 NJ	ND	58.4 NJ	ND
1,4-Pentadiene, 3,3-dimethyl-	--	26 NJ	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	ND	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	21 NJ	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	33 NJ	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	30 NJ	ND	ND	ND	ND	ND	ND
Cyclohexene	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	--	37 NJ	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Hexane	--	19 NJ	ND	ND	ND	ND	ND	ND
1-Pentane	--	ND	ND	ND	ND	153 NJ	ND	ND
Pentane, 2-methyl-	--	ND	ND	94.3 NJ	111 NJ	ND	ND	ND
Pentane, 3-methyl-	--	ND	ND	65.4 NJ	ND	62.8 NJ	55.2 NJ	ND
Indane	--	ND	124 J	ND	ND	ND	ND	ND
Pentane	--	ND	ND	ND	ND	47 NJ	55.1 NJ	80.5 NJ
Sulfur Dioxide	--	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	ND	ND	ND	ND	ND	ND
Unknown Aromatic(s)	--	ND	62.9 J	39.7 J	77.3 J	124.9 J	60 J	154.5
Unknown Cyclohexane	--	ND	164 J	141.6 J	159 J	90.7 J	68.5 J	106 J
Unknown Cycloalkane(s)	--	ND	ND	180.1 J	238.1 J	174.4 J	71.9 J	158.2 J
Unknown(s)	--	45 J	508.8 J	98.4 J	164.1 J	ND	237.8 J	368.9
Total TICs	--	373	931.3	696.8 J	926.1 J	896.2 J	815.1 J	1075.1 J
Semivolatile Organic Compounds (SVOCs) - ug/L								
2-Chloronaphthalene	**10**	ND	--	--	ND	ND	ND	ND
2-Methylnaphthalene	**--**	ND	--	--	0.04 J	0.06 J	0.1 J	0.07 J
Acenaphthene	**20**	ND	--	--	0.07 J	0.13	0.12	0.49
Acenaphthylene	**--**	ND	--	--	ND	0.02 J	ND	ND
Acetophenone	**--**	86 J	--	--	ND	ND	ND	ND
Anthracene	**50**	ND	--	--	0.05 J	0.06 J	0.06 J	0.05 J
Benzaldehyde	**--**	ND	--	--	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	ND	--	--	**0.09 J**	**0.1 J**	**0.12**	**0.12**
Benzo(a)pyrene	**ND**	ND	--	--	**0.08 J**	**0.07 J**	**0.08 J**	**0.09 J**
Benzo(b)fluoranthene	**0.002**	ND	--	--	**0.13**	**0.08 J**	**0.13**	**0.13**
Benzo(ghi)perylene	**--**	ND	--	--	0.04 J	0.05 J	0.05 J	0.06 J
Benzo(k)fluoranthene	**0.002**	ND	--	--	**0.05 J**	**0.07 J**	**0.04 J**	**0.06 J**
Benzoic acid	**--**	ND	--	--	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	ND	--	--	**7.2 B**	3.6	2.6 J	2 J
Butyl benzyl phthalate	**50**	ND	--	--	ND	ND	ND	ND
Carbazole	**--**	ND	--	--	ND	ND	ND	ND
Caprolactam	**--**	ND	--	--	ND	ND	ND	ND
Chrysene	**0.002**	ND	--	--	**0.13**	ND	**0.1**	**0.12**
Dibenzo(a,h)anthracene	**--**	ND	--	--	ND	0.01 J	0.02 J	ND
Dibenzofuran	**--**	ND	--	--	ND	ND	ND	ND
Diethyl phthalate	**50**	ND	--	--	ND	ND	ND	ND
Di-n-butylphthalate	**50**	ND	--	--	ND	2.6 J	ND	ND
Fluoranthene	**50**	ND	--	--	0.23	0.22	0.22	0.22
Fluorene	**50**	ND	--	--	0.06 J	0.07 J	0.08 J	0.08 J
Hexachlorobenzene	**--**	ND	--	--	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	ND	--	--	**0.05 J**	**0.04 J**	**0.07 J**	**0.06 J**
Isophorone	**50**	ND	--	--	ND	ND	ND	ND
Naphthalene	**10**	ND	--	--	ND	0.59	0.58	ND
Pentachlorophenol	**1**	ND	--	--	0.11 J	ND	ND	ND
Phenanthrene	**50**	ND	--	--	0.2	0.24	0.21	0.18
Phenol	**1**	ND	--	--	**1.6 J**	ND	**1.3 J**	ND
Pyrene	**50**	ND	--	--	0.22	0.22	0.21	0.23
Total SVOCs	--	86	--	--	10.35	8.23	6.09	3.96
SVOCs Tentatively Identified Compounds (TICs)- ug/L								
1-Phenyl-1-butene	--	230 JN	--	--	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	ND	--	--	ND	ND	ND	ND
Aldol Condensates	--	ND	--	--	ND	375.3 J	ND	ND
Benzene, 1,2,4,-trimethyl-	--	280 JN	--	--	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	ND	--	--	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	ND	--	--	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	180 JN	--	--	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	ND	--	--	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	ND	--	--	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	220 JN	--	--	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	ND	--	--	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	180 JN	--	--	ND	ND	ND	ND
Benzene, propyl-	--	150 JN	--	--	ND	ND	ND	ND
Caffeine	--	ND	--	--	ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	ND	--	--	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	170 JN	--	--	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	120 JNB	--	--	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	--	--	ND	ND	34.9 NJ	ND
Cyclohexane, propyl-	--	ND	--	--	ND	ND	29.2 NJ	ND
Erucylamide	--	ND	--	--	ND	ND	ND	ND
Indane	--	200 JN	--	--	ND	ND	97.5 NJ	115 NJ
n-Hexadecanoic acid	--	ND	--	--	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	150 JN	--	--	ND	ND	ND	ND
Octane, 3-methyl-	--	140 JN	--	--	ND	ND	ND	ND
Unknown Alcohol	--	ND	--	--	ND	ND	ND	ND
Unknown Aldehyde	--	ND	--	--	ND	ND	ND	ND
Unknown Alkane	--	ND	--	--	40.6 J	271.9 J	117.4 J	201.9 J
Unknown Amide	--	ND	--	--	ND	ND	ND	ND
Unknown Benzene	--	ND	--	--	63.1 J	42.8 J	60 J	ND
Unknown Cycloalkane	--	ND	--	--	13.7 J	ND	ND	86.5 J
Unknown Cyclohexane	--	ND	--	--	ND	92.2 J	138.3 J	ND
Unknown Cyclopentene	--	ND	--	--	ND	ND	ND	ND
Unknown Furan	--	ND	--	--	ND	ND	ND	ND
Unknown Organic Acid	**--**	ND	--	--	ND	ND	ND	ND
Unknown Phenol	**--**	ND	--	--	ND	ND	ND	ND
Unknown Siloxane	**--**	ND	--	--	ND	ND	ND	ND
Unknown	**--**	1200 J	--	--	216.4 J	237.7 J	117.5 J	249.1 J
Total TICs	**--**	3220	--	--	333.8 J	1019.9 J	594.8 J	652.5 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. MW-5 was not sampled during May 2017 sampling due to damage to the well. MW-5R has been routinely dry.

Qualifiers:

D = Dilution required due to high concentration of target analyte above the laboratory reporting limit.
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no GWQS available for the parameter.
J = Estimated Value - Below calibration range
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.
E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
B = Compund was found in the blank and sample.
BOLD = Result exceeds GWQS.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS[2]	MW-3						
		11/7/20	5/23/21	1/8/22	6/12/22	10/30/22	4/24/23	12/23/24
Volatile Organic Compounds (VOCs) - ug/L						D		
1,1 Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND
Acetone	50	27	ND	ND	ND	ND	ND	ND
Benzene	1	**36**	**31**	**16 J-**	**7.6 J-**	**25 J-**	**28**	**10**
Carbon disulfide	60	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	370 D	540	280 J-	230 D, J-	150 J-	250 D	130
Ethylbenzene	5	2.8	3.6 J	2.9 J-	2.4 J-	3.1 J-	2.6	ND
Isopropylbenzene	5	**70**	**88**	**55 J-**	**51 J-**	**48 J-**	**48**	**9.1**
Methyl Acetate	--	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	--	320 D	380	130 J-	160 J-	100 J-	180	110
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	5	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	5	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**5.1**	**5.2 J**	3.4 J-	1.9 J-	3.4 J-	3.9	1.5 J
Xylene, Total	5	**11.9**	**11.2 J**	**7.9 J-**	4.6 J-	4.9 J-	**5.7 J**	2.44 J
Total VOCs	--	842.8	1059 J	495.2 J-	457.5 J	334.4 J	518.2 J	263.04 J
VOCs Tentatively Identified Compounds (TICs)- ug/L								
3-Phenylbut-1-ene	--	ND	133 NJ	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	ND	116 NJ	38.7 NJ	ND	ND	ND	ND
Cyclohexane	--	ND	154 NJ	41.4 NJ	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	ND	ND	102 NJ	ND	ND	ND	ND
Cyclopentane, methyl-	--	169 NJ	390 NJ	153 NJ	ND	97.9 NJ	103 NJ	104 NJ
Cyclopentane, 1,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	83.2 NJ	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	ND	ND	ND	ND	ND	38.4 NJ	ND
Cyclohexene, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Hexane	--	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	ND	98.8 NJ	ND	ND	ND	ND	ND
Indane	--	ND	ND	ND	ND	ND	126 NJ	47.8 NJ
Pentane	--	ND	133 NJ	34.7 NJ	ND	ND	ND	ND
Sulfur Dioxide	--	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	ND	ND	ND	34.6 J	29.8 J	ND
Unknown Aromatic(s)	--	166.6 J	ND	32.6 J	ND	129.2 J	122.8 J	61.7 J
Unknown Cyclohexane	--	121 J	140 J	ND	ND	ND	ND	ND
Unknown Cycloalkane(s)	--	141.2 J	143 J	ND	ND	25.5 J	32.6 J	86.4 J
Unknown(s)	--	291.3	390.3 J	154.7 J	ND	222.3 J	125.9 J	141.2 J
Total TICs	--	972.3 J	1698.1 J	557.1 J	ND	510 J	579 J	441.1 J
Semivolatile Organic Compounds (SVOCs) - ug/L								
2-Chloronaphthalene	10	ND	ND	ND	ND	ND	ND	0.09 J
2-Methylnaphthalene	--	0.13	0.11 J	0.13	ND	ND	0.1 J	ND
Acenaphthene	20	0.35	0.1	0.07 J	ND	ND	0.5	ND
Acenaphthylene	--	0.05 J	0.05 J	ND	ND	ND	0.02 J	ND
Acetophenone	--	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	0.11	0.11 J	ND	0.02 J	0.03 J	0.03 J	ND
Benzaldehyde	--	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	**0.23**	**0.24**	ND	**0.02 J**	**0.03 J**	**0.05 J**	**0.05 J**
Benzo(a)pyrene	ND	**0.18**	**0.18**	ND	ND	ND	**0.09 J**	**0.06 J**
Benzo(b)fluoranthene	0.002	**0.23**	**0.24**	ND	**0.01 J**	**0.03 J**	**0.14**	**0.09 J**
Benzo(ghi)perylene	--	0.13	0.11 J	ND	ND	ND	0.09 J	0.08 J
Benzo(k)fluoranthene	0.002	**0.12**	**0.08 J**	ND	ND	ND	**0.04 J**	ND
Benzoic acid	--	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	5	2.6 J	2.4 J	ND	**6.2**	ND	ND	ND
Butyl benzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND
Carbazole	--	ND	ND	ND	ND	ND	ND	ND
Caprolactam	--	ND	ND	93	ND	ND	ND	ND
Chrysene	0.002	**0.23**	**0.26**	ND	ND	**0.01 J**	**0.08 J**	**0.04 J**
Dibenzo(a,h)anthracene	--	0.04 J	0.03 J	0.02 J	ND	ND	0.02 J	ND
Dibenzofuran	--	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	50	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	ND	ND	ND	ND	ND	ND	1.8 J
Fluoranthene	50	0.36	0.47	ND	ND	0.05 J	0.19	0.07 J
Fluorene	50	0.1 J	0.12	ND	ND	ND	0.07 J	ND
Hexachlorobenzene	--	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	**0.14**	**0.13**	ND	ND	ND	**0.09 J**	**0.06 J**
Isophorone	50	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	0.19	1.6	ND	0.19	0.53	0.24	0.12
Pentachlorophenol	1	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	0.3	0.4	ND	0.03 J	0.11	0.16	ND
Phenol	1	ND	ND	ND	**1.7 J**	ND	**1.3 J**	ND
Pyrene	50	0.38	0.46	ND	ND	0.05 J	0.15	0.08 J
Total SVOCs	--	5.87	7.09	93.22	8.17	0.84	3.36	2.54 J
SVOCs Tentatively Identified Compounds (TICs)- ug/L								
1-Phenyl-1-butene	--	ND	ND	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Aldol Condensates	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	ND	ND	ND	ND	ND	ND	ND
Benzene, propyl-	--	ND	ND	19.5 NJ	16.5 NJ	ND	ND	ND
Caffeine	--	ND	ND	ND	11.3 NJ	ND	ND	ND
Cyclic Octaatomic Sulfur	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	ND	ND	ND	ND	ND	ND	ND
Erucylamide	--	ND	ND	ND	ND	ND	ND	ND
Indane	--	46.6 NJ	79.7 NJ	71.4 NJ	69.1 NJ	78.9 NJ	68.8 NJ	ND
n-Hexadecanoic acid	--	ND	ND	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND
Unknown Alcohol	--	ND	ND	ND	ND	13.9 J	14.6 J	ND
Unknown Aldehyde	--	ND	ND	ND	ND	ND	ND	ND
Unknown Alkane	--	270.6 J	150.6 J	ND	51.7 J	ND	ND	ND
Unknown Amide	--	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	71.1 J	33.3 J	34.4 J	38.7 J	19.47 J	ND
Unknown Cycloalkane	--	205.2 J	55.1 J	ND	ND	18.61 J	ND	ND
Unknown Cyclohexane	--	ND	ND	ND	ND	11.4 J	ND	ND
Unknown Cyclopentene	--	ND	ND	ND	ND	8.14 J	ND	ND
Unknown Furan	--	ND	ND	ND	ND	ND	ND	ND
Unknown Organic Acid	--	ND	ND	444.9 J	12.4	ND	ND	5.5 J
Unknown Phenol	--	ND	ND	ND	ND	ND	ND	ND
Unknown Siloxane	--	ND	ND	ND	ND	ND	ND	ND
Unknown	--	277.5 J	122.5 J	134.5 J	100.3 J	70.37 J	120.74 JB	91.5 J
Total TICs	--	799.9 J	479 J	736 J	318 J	240.02 J	223.61 J	97 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. MW-5 was not sampled during May 2017 sampling due to damage to the well. MW-5R has been routinely dry.

Qualifiers:

D = Dilution required due to high concentration of target analyte above the laboratory reporting limit.
ND = Parameter not detected above laboratory detection limit.
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J = Estimated Value - Below calibration range
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E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
B = Compund was found in the blank and sample.
BOLD = Result exceeds GWQS.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS[2]	MW-5R	MW-6						
		11/15/2017 - 12/23/2024	11/9/14	11/15/17	5/12/18	4/6/19	11/2/19	7/2/20	11/7/20
Volatile Organic Compounds (VOCs) - ug/L		DRY							
1,1 Dichloroethane	**5**	--	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	--	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	--	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	--	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	--	ND	ND	ND	ND	2.5 J	ND	ND
Benzene	**1**	--	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	**60**	--	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	--	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	**--**	--	ND	ND	ND	ND	0.53 J	ND	ND
Methylcyclohexane	**--**	--	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	--	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	--	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	--	ND	ND	ND	ND	ND	ND	ND
Xylene, Total	**5**	--	ND	ND	ND	ND	ND	ND	ND
Total VOCs	--	--	ND	ND	ND	ND	3.03 J	ND	ND
VOCs Tentatively Identified Compounds (TICs)- ug/L									
3-Phenylbut-1-ene	**--**	--	--	ND	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	**--**	--	--	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	**--**	--	--	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclopentane	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclopentane, 1,3-dimethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	**--**	--	--	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexene	**--**	--	--	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Hexane	**--**	--	--	ND	ND	ND	ND	ND	ND
1-Pentane	**--**	--	--	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	**--**	--	--	ND	ND	ND	ND	ND	ND
Indane	**--**	--	--	ND	ND	ND	ND	ND	ND
Pentane	**--**	--	--	ND	ND	ND	ND	ND	ND
Sulfur Dioxide	**--**	--	--	ND	ND	ND	ND	ND	ND
Unknown Benzene	**--**	--	--	ND	ND	ND	ND	ND	ND
Unknown Aromatic(s)	**--**	--	--	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	**--**	--	--	ND	ND	ND	ND	ND	ND
Unknown Cycloalkane(s)	**--**	--	--	ND	ND	ND	ND	ND	ND
Unknown(s)	**--**	--	--	ND	1.41 J	ND	ND	ND	ND
Total TICs	**--**	--	--	ND	1.41 J	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - ug/L									
2-Chloronaphthalene	**10**	--	ND	--	ND	ND	ND	ND	ND
2-Methylnaphthalene	**--**	--	ND	--	ND	ND	0.1 J	ND	0.03 J
Acenaphthene	**20**	--	ND	--	ND	ND	ND	ND	ND
Acenaphthylene	**--**	--	ND	--	ND	ND	ND	ND	ND
Acetophenone	**--**	--	ND	--	ND	ND	ND	ND	ND
Anthracene	**50**	--	ND	--	ND	ND	ND	ND	ND
Benzaldehyde	**--**	--	0.54 JB	--	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	--	ND	--	ND	ND	ND	ND	ND
Benzo(a)pyrene	**ND**	--	ND	--	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	--	ND	--	ND	ND	ND	ND	ND
Benzo(ghi)perylene	**--**	--	ND	--	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.002**	--	ND	--	ND	ND	ND	ND	ND
Benzoic acid	**--**	--	ND	--	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	--	4.5 JB	--	**6.4 B**	ND	ND	ND	1.5 J
Butyl benzyl phthalate	**50**	--	ND	--	ND	ND	ND	ND	ND
Carbazole	**--**	--	ND	--	ND	ND	ND	ND	ND
Caprolactam	**--**	--	ND	--	ND	ND	ND	ND	ND
Chrysene	**0.002**	--	ND	--	ND	**0.02 J**	ND	ND	**0.01 J**
Dibenzo(a,h)anthracene	**--**	--	ND	--	ND	ND	ND	ND	ND
Dibenzofuran	**--**	--	ND	--	ND	ND	ND	ND	ND
Diethyl phthalate	**50**	--	ND	--	ND	ND	ND	ND	ND
Di-n-butylphthalate	**50**	--	ND	--	ND	ND	ND	ND	ND
Fluoranthene	**50**	--	ND	--	ND	ND	ND	ND	ND
Fluorene	**50**	--	ND	--	ND	0.03 J	ND	ND	ND
Hexachlorobenzene	**--**	--	ND	--	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	--	ND	--	ND	ND	ND	ND	ND
Isophorone	**50**	--	ND	--	ND	ND	ND	ND	ND
Naphthalene	**10**	--	ND	--	ND	ND	ND	ND	ND
Pentachlorophenol	**1**	--	ND	--	ND	ND	ND	ND	ND
Phenanthrene	**50**	--	ND	--	ND	0.07 J	ND	ND	ND
Phenol	**1**	--	ND	--	ND	ND	ND	ND	ND
Pyrene	**50**	--	ND	--	ND	ND	ND	ND	ND
Total SVOCs	**--**	--	5.04	--	6.4	0.12	0.1	ND	1.54
SVOCs Tentatively Identified Compounds (TICs)- ug/L									
1-Phenyl-1-butene	--	--	--	--	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	--	--	--	ND	ND	ND	ND	ND
Aldol Condensates	--	--	--	--	31.7 J	226.5 J	10.7 J	ND	ND
Benzene, 1,2,4,-trimethyl-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	--	--	--	ND	ND	ND	ND	ND
Benzene, propyl-	--	--	--	--	ND	ND	ND	ND	ND
Caffeine	--	--	--	--	ND	ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	--	--	--	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	--	--	--	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	--	--	--	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	--	--	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	--	--	--	ND	ND	ND	ND	ND
Erucylamide	--	--	--	--	ND	ND	ND	ND	ND
Indane	--	--	--	--	ND	ND	ND	ND	ND
n-Hexadecanoic acid	--	--	--	--	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	--	--	--	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	--	--	--	ND	ND	ND	ND	ND
Unknown Alcohol	--	--	--	--	ND	ND	ND	ND	2.14 J
Unknown Aldehyde	--	--	--	--	ND	ND	ND	ND	ND
Unknown Alkane	--	--	--	--	ND	ND	ND	ND	11.27 J
Unknown Amide	--	--	--	--	ND	ND	ND	ND	ND
Unknown Benzene	--	--	--	--	ND	ND	ND	ND	3.27 J
Unknown Cycloalkane	--	--	--	--	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	--	--	--	ND	ND	ND	ND	ND
Unknown Cyclopentene	--	--	--	--	ND	ND	ND	ND	ND
Unknown Furan	--	--	--	--	ND	ND	ND	ND	ND
Unknown Organic Acid	**--**	--	--	--	ND	1.93 J	1.6 J	2.62 J	3.89 J
Unknown Phenol	**--**	--	--	--	ND	ND	ND	ND	ND
Unknown Siloxane	**--**	--	--	--	ND	ND	ND	ND	ND
Unknown	**--**	--	--	--	ND	1.64 J	2.4 J	17.98 J	13.45 J
Total TICs	**--**	--	--	--	31.7 J	230.07 J	14.7 J	20.6 J	34.02 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. MW-5 was not sampled during May 2017 sampling due to damage to the well. MW-5R has been routinely dry.

Qualifiers:

D = Dilution required due to high concentration of target analyte above the laboratory reporting limit.
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no GWQS available for the parameter.
J = Estimated Value - Below calibration range
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.
E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
B = Compund was found in the blank and sample.
BOLD = Result exceeds GWQS.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS[2]	MW-6						Blind Dup-1 (MW-6)	Blind Dup (MW-6)
		5/23/21	1/8/22	6/12/2022	10/30/2022	4/24/2023	12/23/2024	6/12/2022	12/23/2024
Volatile Organic Compounds (VOCs) - ug/L									
1,1 Dichloroethane	**5**	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	**60**	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
Xylene, Total	**5**	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	--	ND	ND	ND	ND	ND	ND	ND	ND
VOCs Tentatively Identified Compounds (TICs)- ug/L									
3-Phenylbut-1-ene	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, 1,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Hexane	--	ND	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	ND	ND	ND	ND	ND	ND	ND	ND
Pentane	--	ND	ND	ND	ND	ND	ND	ND	ND
Sulfur Dioxide	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Aromatic(s)	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cycloalkane(s)	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown(s)	--	ND	ND	ND	ND	ND	ND	ND	ND
Total TICs	--	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - ug/L									
2-Chloronaphthalene	**10**	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	**20**	ND	ND	0.14	ND	ND	ND	ND	ND
Acenaphthylene	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	ND	ND	0.14	ND	ND	ND	ND	ND
Benzaldehyde	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	**0.03 J**	ND	**0.17**	ND	ND	ND	ND	ND
Benzo(a)pyrene	**ND**	**0.02 J**	ND	**0.15**	ND	**0.02 J**	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	**0.02 J**	ND	**0.27**	ND	**0.03 J**	ND	**0.01 J**	ND
Benzo(ghi)perylene	**--**	0.02 J	ND	0.18	ND	0.02 J	ND	ND	ND
Benzo(k)fluoranthene	**0.002**	ND	ND	**0.07 J**	ND	ND	ND	ND	ND
Benzoic acid	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	1.5 J	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	**50**	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	**0.002**	**0.02 J**	ND	**0.2**	ND	**0.01 J**	ND	ND	ND
Dibenzo(a,h)anthracene	**--**	ND	ND	0.04 J	ND	ND	ND	ND	ND
Dibenzofuran	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	**50**	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**50**	ND	ND	ND	0.43 J	ND	ND	ND	ND
Fluoranthene	**50**	0.04 J	ND	0.53	ND	0.03 J	ND	0.02 J	ND
Fluorene	**50**	ND	ND	0.14	ND	ND	ND	ND	ND
Hexachlorobenzene	**--**	ND	ND	**0.12 J**	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	**0.01 J**	ND	**0.16**	ND	0.01 J	ND	ND	ND
Isophorone	**50**	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**10**	ND	ND	0.56	0.06 J	ND	ND	ND	ND
Pentachlorophenol	**1**	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**50**	0.03 J	ND	0.44	ND	ND	ND	0.02 J	ND
Phenol	**1**	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**50**	0.03 J	ND	0.42	ND	0.03 J	ND	ND	ND
Total SVOCs	**--**	1.72	ND	3.73	0.49	0.15	ND	0.05	ND
SVOCs Tentatively Identified Compounds (TICs)- ug/L									
1-Phenyl-1-butene	--	ND	ND	ND	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Aldol Condensates	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, propyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Caffeine	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Erucylamide	--	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexadecanoic acid	--	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Alcohol	--	ND	ND	16	ND	ND	ND	ND	ND
Unknown Aldehyde	--	ND	ND	ND	ND	ND	ND	2.68	ND
Unknown Alkane	--	ND	3.78 J	66.13 J	ND	42.48 J	ND	54.02	ND
Unknown Amide	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	ND	ND	ND	ND	ND	11.1	ND
Unknown Cycloalkane	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclopentene	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Furan	--	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Organic Acid	**--**	ND	8.25 J	5.38 J	ND	ND	ND	6.11	ND
Unknown Phenol	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Siloxane	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Unknown	**--**	ND	1.78 J	43.42 J	ND	54.79 JB	ND	31.41	4.8 J
Total TICs	**--**	ND	13.81 J	131 J	ND	97.27 J	ND	105 J	4.8 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.

3. MW-5 was not sampled during May 2017 sampling due to damage to the well. MW-5R has been routinely dry.

Qualifiers:

D = Dilution required due to high concentration of target analyte above the laboratory reporting limit.
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no GWQS available for the parameter.
J = Estimated Value - Below calibration range
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.
E = Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
B = Compund was found in the blank and sample.
BOLD = Result exceeds GWQS.

Table 3
Historical Total VOCs, SVOCs, and TICs Concentrations Over Time at TMW-3
1050-1088 Niagara Street Site, BCP Site No. C915277, Buffalo, New York

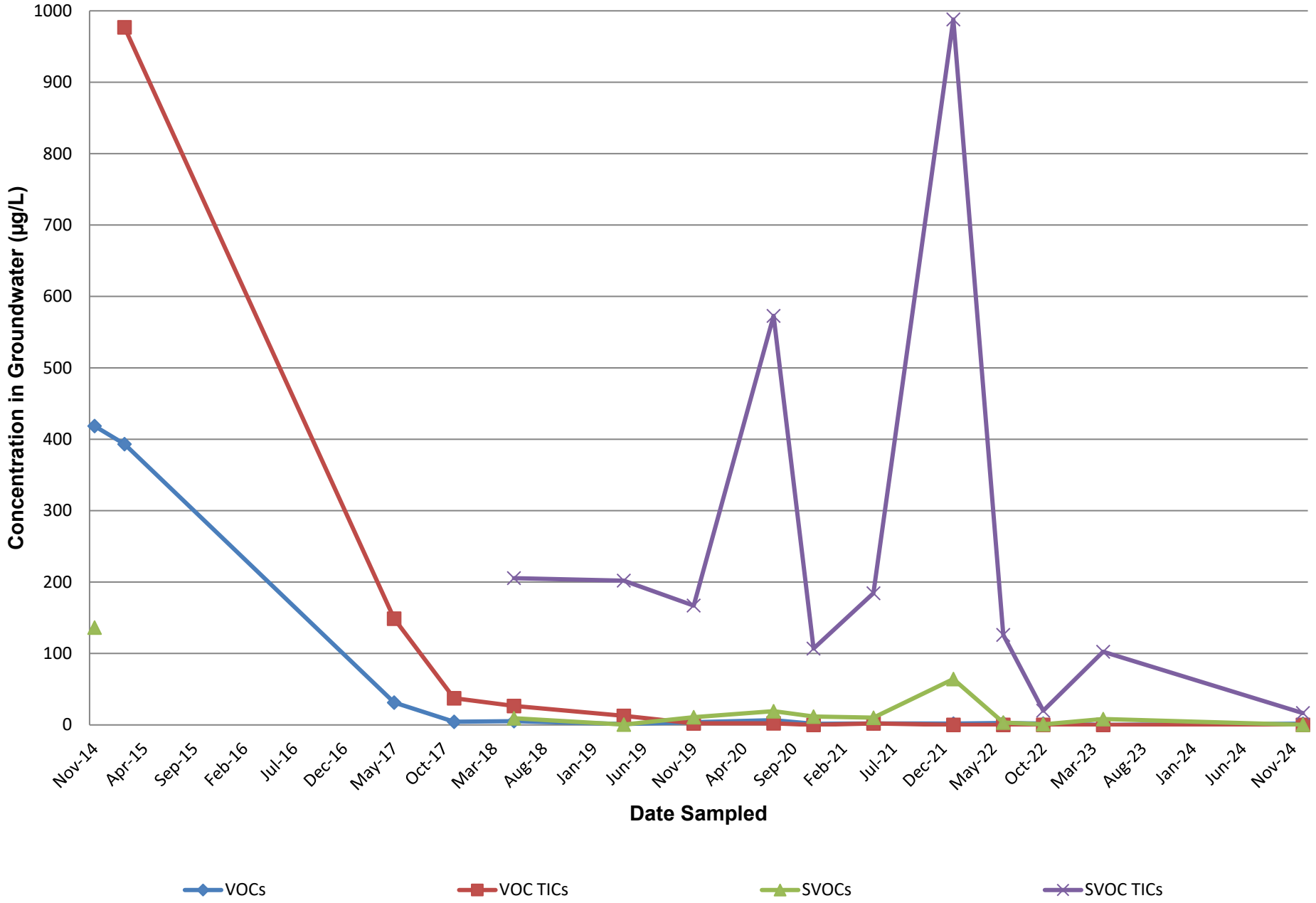


Table 4
Historical Total VOCs, SVOCs, and TICs Concentrations Over Time at MW-3
1050-1088 Niagara Street Site, BCP Site No. C915277, Buffalo, New York

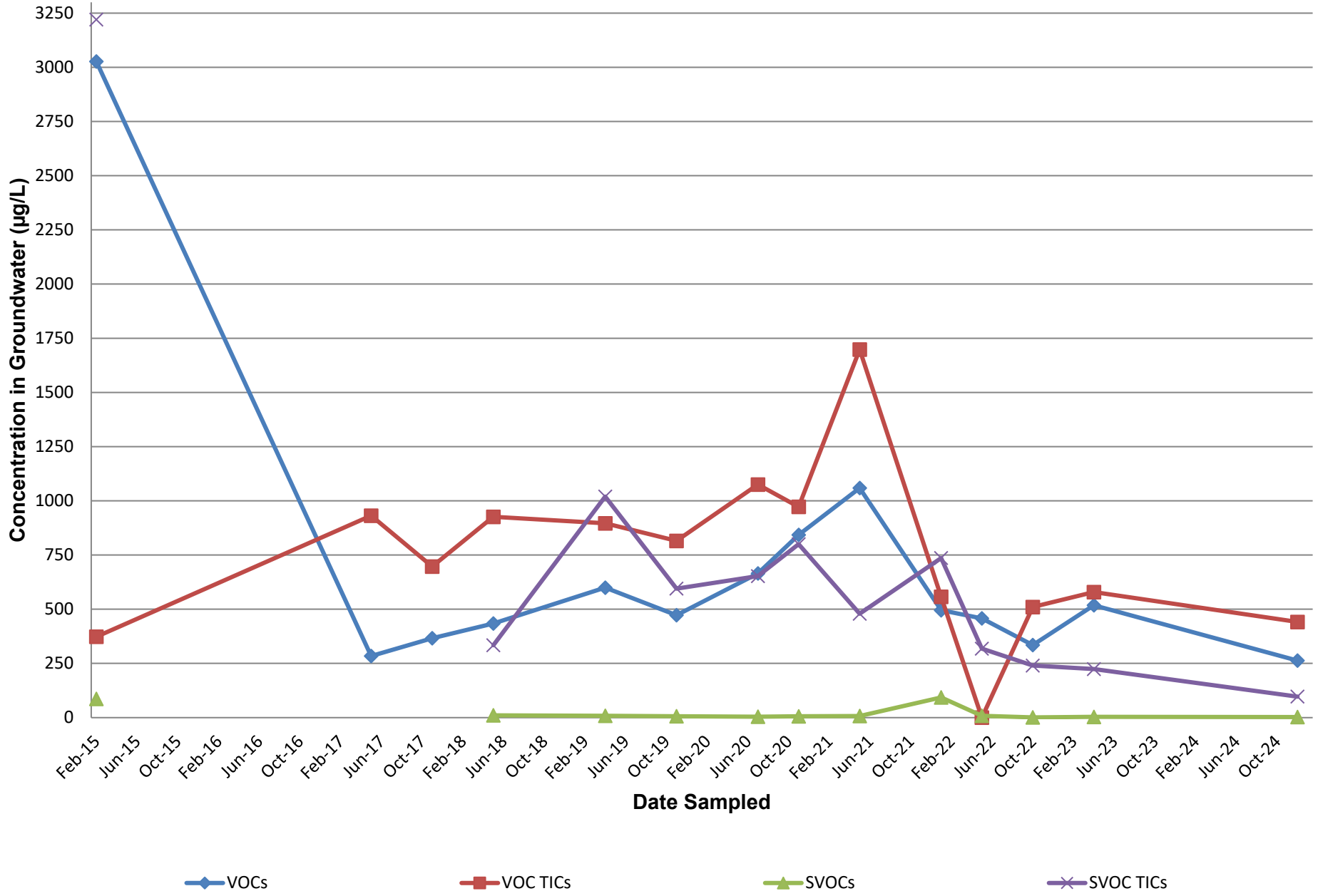
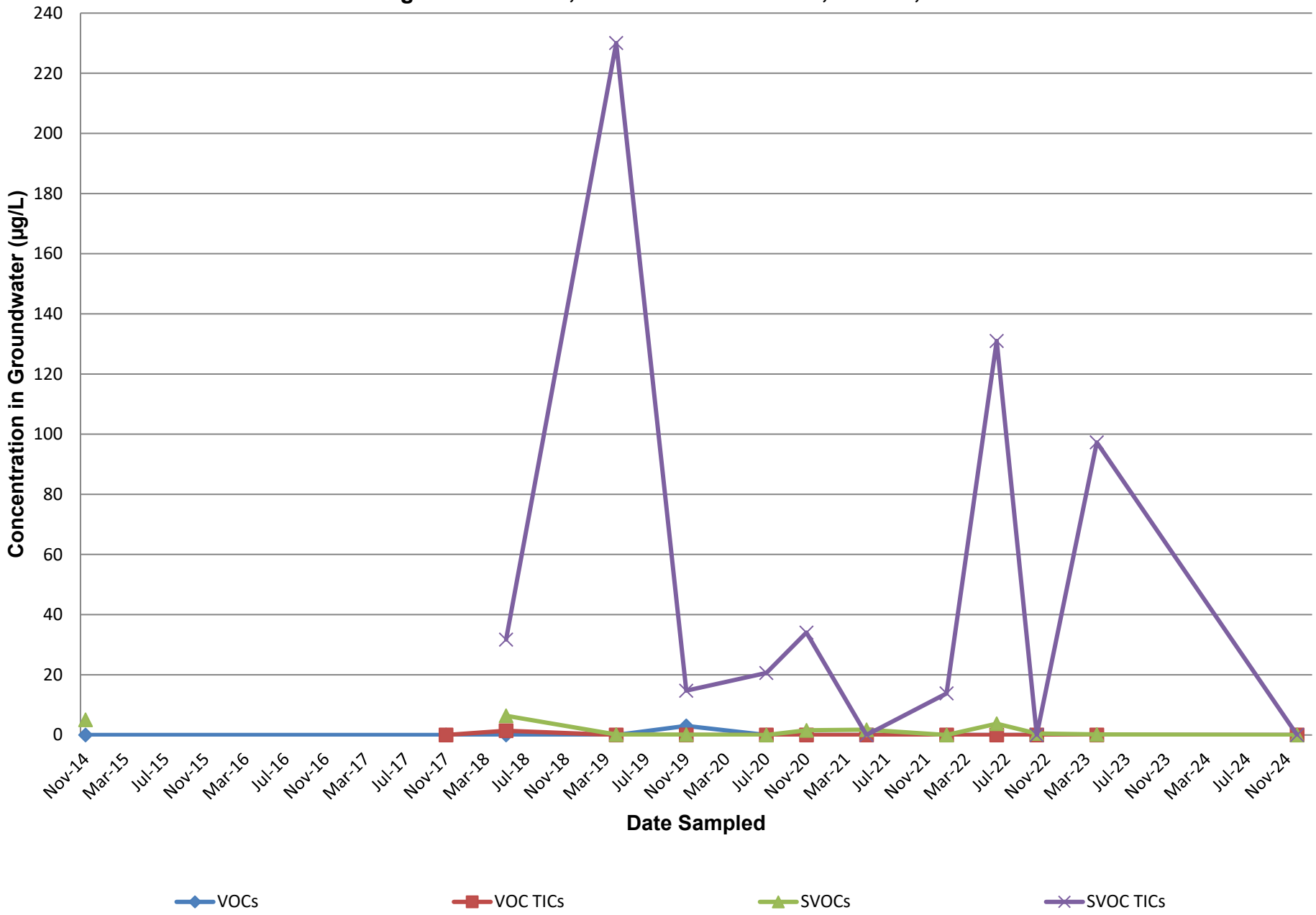
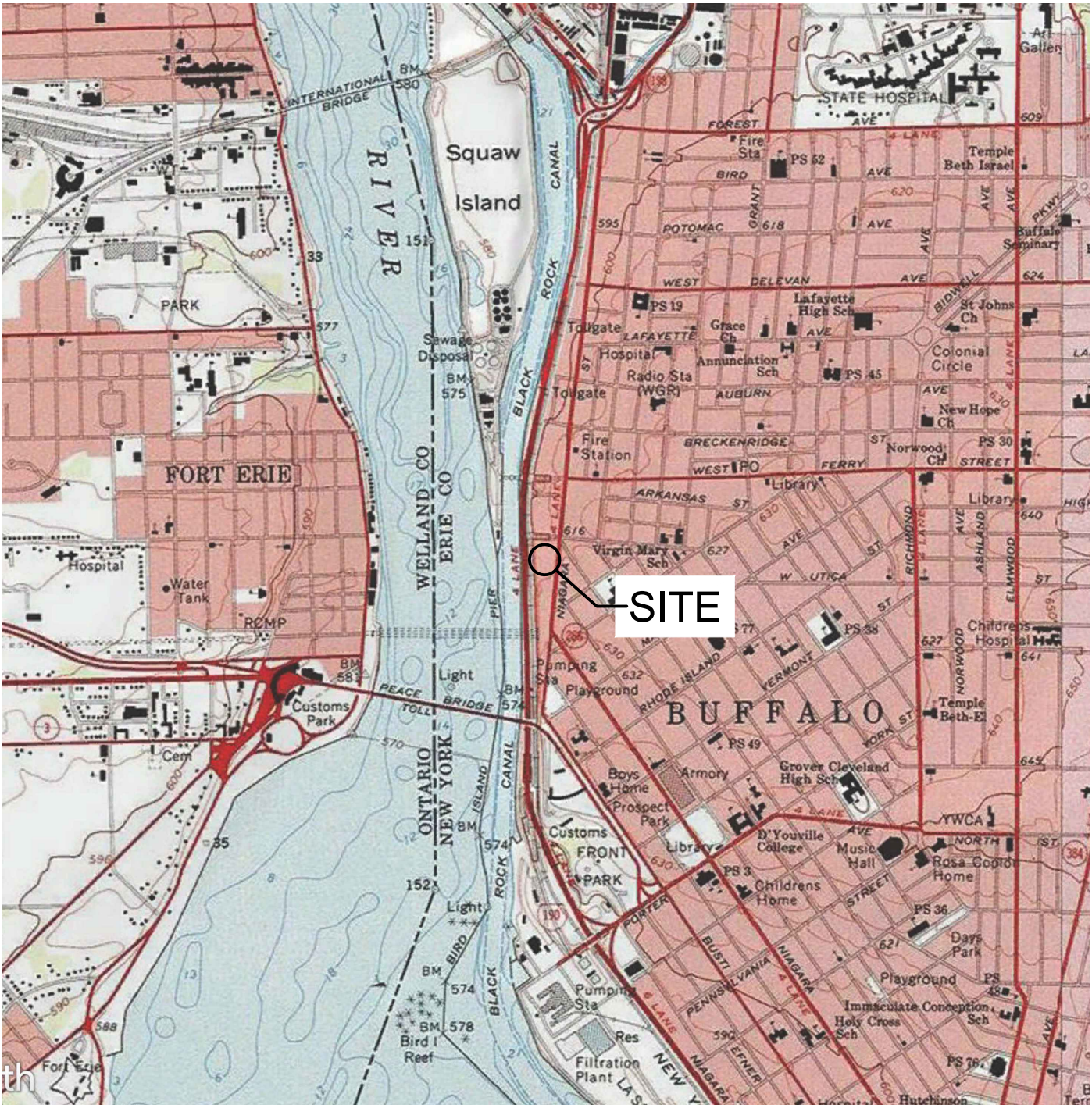
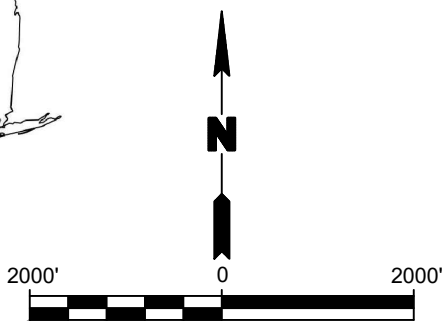


Table 5
Historical Total VOCs, SVOCs, and TICs Concentrations Over Time at MW-6
1050-1088 Niagara Street Site, BCP Site No. C915277, Buffalo, New York



FIGURES





Title:

SITE LOCATION AND VICINITY MAP

1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK

PERIODIC REVIEW REPORT

Prepared for:

9271 GROUP, LLC

ROUX

Compiled by: CMS	Date: APRIL 2025	FIGURE
Prepared by: CMS	Scale: AS SHOWN	1
Project Mgr: NTM	Project: 4331.0007B000	
File: FIGURE 1 - SITE LOCATION AND VICINITY MAP.DWG		

F:\CAD\TURNKEY\ELLICOTT DEVELOPMENT\1050-1088 NIAGARA ST\PRR\2025\FIGURE 1 - SITE LOCATION AND VICINITY MAP.DWG

LEGEND:

BCP SITE BOUNDARY

PARCEL BOUNDARY

NOTE:
- PARCEL INFORMATION PER ERIE COUNTY GIS, JANUARY 2025.
- AERIAL IMAGE PROVIDED BY GOOGLE EARTH DATED JUNE 2024

N

50' 0 50'

Title:

SITE PLAN (AERIAL)

1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915377
BUFFALO, NEW YORK

PERIODIC REVIEW REPORT

Prepared for:

9271 GROUP, LLC

ROUX

Compiled by: CMS	Date: APRIL 2025	FIGURE
Prepared by: CMS	Scale: AS SHOWN	2
Project Mgr: NTM	Project: 4331.0007B000	
File: FIGURE 2 - SITE PLAN (AERIAL).DWG		

F:\CAD\TURNKEY\ELLICOTT DEVELOPMENT\1050-1088 NIAGARA ST\PRR\2025\FIGURE 2 - SITE PLAN (AERIAL).DWG

LEGEND:

- BCP PROPERTY BOUNDARY
- PARCEL BOUNDARY
- FENCE
- RAILROAD
- BUILDING
- SOIL COVER AREA
- STONE COVER AREA
- CONCRETE AREA

N

50' 0 50'

Title:

COVER SYSTEM LAYOUT

1050-1088 NIAGARA STREET
BCP SITE NO. C915277
BUFFALO, NEW YORK

PERIODIC REVIEW REPORT

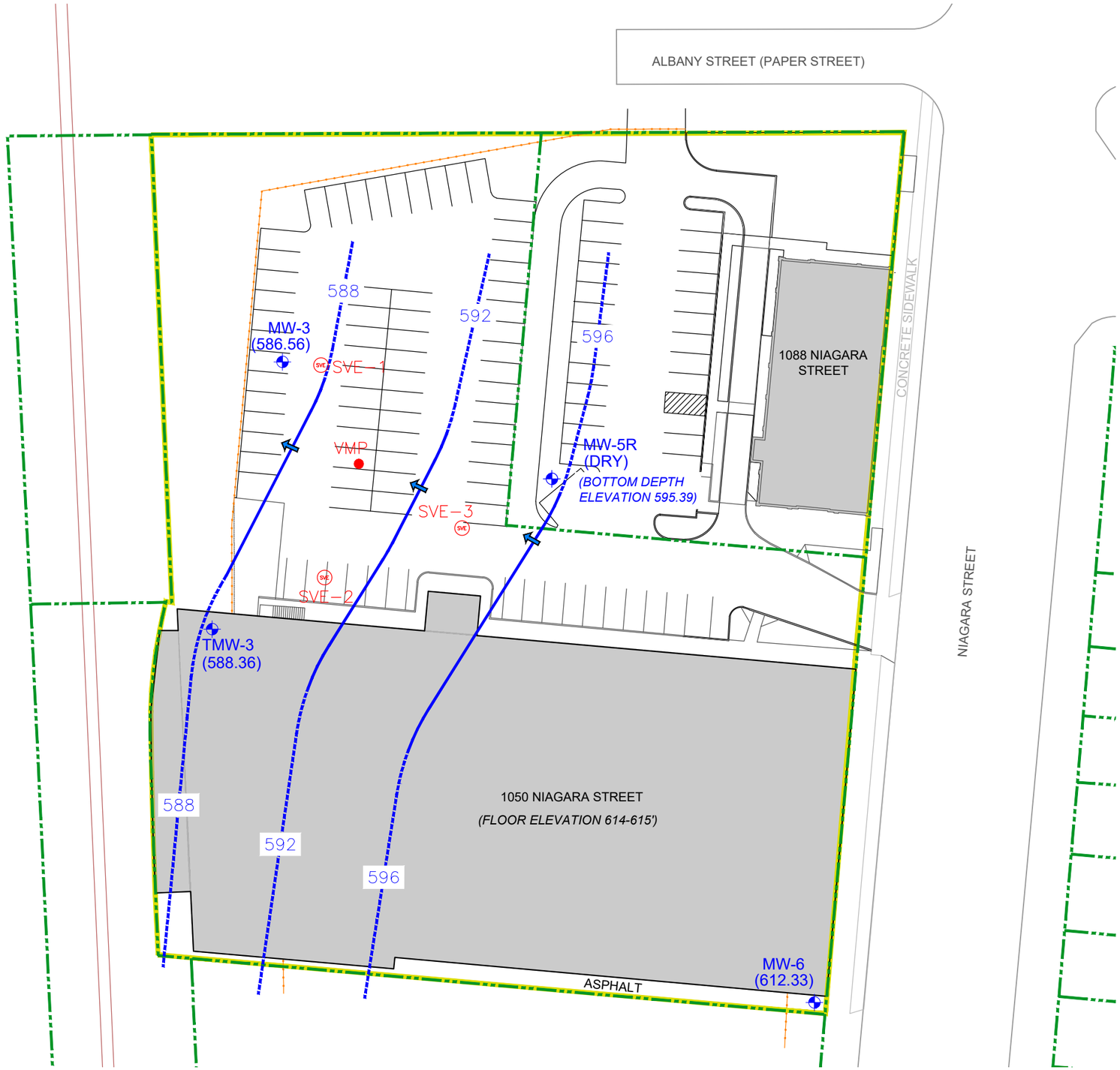
Prepared for:

9271 GROUP, LLC

ROUX

Compiled by: CMS	Date: APRIL 2025	FIGURE
Prepared by: CMS	Scale: AS SHOWN	3
Project Mgr: NTM	Project: 4331.0007B000	
File: FIGURE 3 - COVER SYSTEM LAYOUT.DWG		

F:\CAD\TURNKEY\ELLICOTT DEVELOPMENT\1050-1088 NIAGARA ST\PRR\2023-2024\FIGURE 3 - COVER SYSTEM LAYOUT.DWG



LEGEND:

- BCP SITE BOUNDARY
- PARCEL BOUNDARY
- FENCE
- RAILROAD
- BUILDINGS ONSITE
- MW-1 MONITORING WELL
- SVE-3 SOIL VAPOR EXTRACTION WELL
- VMP VACUUM MONITORING POINT
- 596 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER ELEVATION CONTOUR

NOTE: ELEVATIONS PER FIELD DATA TAKEN DECEMBER 23, 2024.

N

50' 0 50'

Title:
GROUNDWATER NETWORK AND ISOPOTENTIAL (DECEMBER 2024)
1050-1088 NIAGARA STREET SITE
BCP SITE NO. C915277
BUFFALO, NEW YORK
PERIODIC REVIEW REPORT

Prepared for:
9271 GROUP, LLC

ROUX

Compiled by: CMS	Date: APRIL 2025	FIGURE
Prepared by: CMS	Scale: AS SHOWN	4
Project Mgr: NTM	Project: 4331.0007B000	
File: FIGURE 4; GROUNDWATER NETWORK AND ISOPOTENTIAL_DEC 2024.DWG		

F:\CAD\TURNKEY\ELLICOTT DEVELOPMENT\1050-1088 NIAGARA ST\PRR\2025\FIGURE 4; GROUNDWATER NETWORK AND ISOPOTENTIAL_DEC 2024.DWG

APPENDIX A

NYSDEC CERTIFICATION AND NOTIFICATION FORMS AND SITE INSPECTION 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. **C915277**

Site Name 1050-1088 Niagara Street Site

Site Address: 1050-1088 Niagara Street Zip Code: 14213
City/Town: Buffalo
County: Erie
Site Acreage: 2.700

Reporting Period: July 31, 2023 to ~~July 31, 2024~~ December 23, 2024

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

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?	☐	☑

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)	☑	☐

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. C915277 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
99.41-1-15.1	9271 Group, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- Prohibition against well installation (or use of gw without treatment)
- Compliance with the Site Management Plan
- Compliance with the Soils Management Plan
- Semi-Annual monitoring of groundwater
- Highest land use is restricted to restricted residential

99.41-1-15.21	9271 Group, LLC	Monitoring Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan

- Prohibition against well installation (or use of gw without treatment)
- Compliance with the Site Management Plan
- Compliance with the Soils Management Plan
- Semi-Annual monitoring of groundwater
- Highest land use is restricted to restricted residential

Box 4

Description of Engineering Controls

Parcel	Engineering Control
99.41-1-15.1	Cover System Monitoring Wells

- Cover consisting of hardscape or clean soil
- In-situ plume reduction measure

99.41-1-15.21	Monitoring Wells Cover System

- Cover consisting of hardscape or clean soil

Parcel	Engineering Control
• In-situ plume reduction measure	

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
☑	☐

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

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

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

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

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

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

YES	NO
☑	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C915277

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 William H. Paladino at 295 Main St. Ste 700, Buffalo, NY 14203
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

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

5/8/2025
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Thomas Forbes at Roux Environmental Engineering & Geology, DPC
print name print business address

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

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

5-12-25
Date

Annual Site Inspection Checklist

1050-1088 Niagara Street Site
BCP Site No. C915277

Inspector's Initials CS Inspection Date: 12/23/24
Site Use: RES/comm
General Site Conditions: FAIR

Cover Inspection			
Hardscape Areas	Yes	No	Notes
Asphalt			
Cover Area	SEE BELOW		
Grass Cover			
Groundwater Monitoring Network			
	Yes	No	Notes
Roadbox Covers /Collars	SEE BELOW		
Well Condition			

Additional Comments: SITE COVERAGE & WELL CONDITIONS COULD NOT BE OBSERVED DUE HEAVY SNOW COVER. UPON DISCOVERY, MW-3 & MW-6 (SAMPLED) WERE NOTED IN GOOD CONDITION. NO PICS WERE TAKEN DUE TO SNOW COVERAGE

Signature: Chad M Ides Company: Rox Date: 12/23/24

APPENDIX B

GROUNDWATER SAMPLING LOGS

ROUX

GROUNDWATER FIELD FORM

Project Name: 1050-1088 NIAGARA ST SITE — Date: 12/23/24
Location: BUFFALO, NY — Project No.: 4331.0007B020 — Field Team: CS

Well No. TMW-3			Diameter (inches): 1"			Sample Date / Time: 12/23/24 1020			
Product Depth (fbTOR):			Water Column (ft): 5.12			DTW when sampled: 13.77			
DTW (static) (fbTOR): 9.95			One Well Volume (gal): 0.21			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 15.07			Total Volume Purged (gal): 0.63			Purge Method: BAILER			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1005	0 Initial	—	6.10	13.8	4170	684	5.53	199	TURBID, NO
1010	1 13.50	0.25	6.49	13.8	4148	984	5.41	194	ODOR
1015	2 DRY	0.50	6.69	13.8	3866	977	4.92	192	
1018	3 DRY	0.75	6.71	13.8	4211	982	5.51	195	
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1020	S1 13.77	1.00	6.77	13.8	4185	998	5.15	195	SLIGHT TURBID
1025	S2 14.65	1.25	6.79	13.8	4169	962	5.32	197	NO ODOR

Well No. MW-3			Diameter (inches): 2"			Sample Date / Time: 12/23/24 1145			
Product Depth (fbTOR):			Water Column (ft): 1.82			DTW when sampled: 27.50			
DTW (static) (fbTOR): 26.88			One Well Volume (gal): 0.29			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 28.70			Total Volume Purged (gal): 0.90			Purge Method: BAILER			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1040	0 Initial	—	9.88	11.6	2995	64.7	2.86	145	SLIGHTLY TURBID
1045	1 DRY	0.30	9.79	11.4	3111	78.5	3.11	112	FAINT ODOR
1115	2 DRY	0.60	9.84	11.5	2895	101.5	2.91	143	SMELLS LIKE
1130	3 DRY	0.90	9.81	11.7	2991	123.4	2.95	121	INJECTED MATERIAL
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1145	S1 27.50	1.20	9.77	11.6	3011	104.2	3.02	117	11
1155	S2 27.63	1.30	9.85	11.6	2899	95.4	2.87	141	

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: CS

ROUX

GROUNDWATER FIELD FORM

Project Name: 1050-1088 NIAGARA ST SITE Date: 12/23/24
Location: BUFFALO, NY Project No.: 4331.0007B000 Field Team: CS

Well No. MW-6			Diameter (inches): 2"			Sample Date / Time: 12/23/24 1310			
Product Depth (fbTOR):			Water Column (ft): 7.93			DTW when sampled:			
DTW (static) (fbTOR): 9.68			One Well Volume (gal): 1.29			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 17.61			Total Volume Purged (gal): 3.90			Purge Method: BAILER			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1250	0 Initial	—	8.08	16.5	1885	51.4	4.64	19	CLEAR TO
1255	1 10.95	1.30	7.66	16.3	1911	>1000	4.71	58	START. TURBID
1258	2 13.52	2.60	7.71	16.7	1951	↓	4.51	63	AFTER 1ST
1303	3 14.10	3.90	7.69	16.9	1879	↓	4.61	76	BAILER
	4								NO ODOR
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1310	S1 14.52	5.20	7.77	16.5	1918	>1000	4.74	69	TURBID
1325	S2 13.61	7.00	7.63	16.5	1888	>1000	4.48	61	NO ODOR

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS: MS/MSD/BD @ MW-6

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: CS

ROUX

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 1050-1088 NIAGARA ST SITE

Project No.: 4331.00073000

Client: 9271 GROUP, LLC

Date: 12/22/24

Instrument Source: ☒ Roux ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	931	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☒ 6243003 ☐ 6223973 ☐	CS	4.00 7.00 10.01	4.01 7.00 10.01	
☒ Turbidity meter	NTU	933	Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) ☐ 13120C030432 (Q) ☐ 17110C062619 (Q) ☐ 07110C026405 ✓	CS	10 NTU verification <0.4 20 100 800	✓	
☒ Sp. Cond. meter	uS mS	931	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☒ 6243003 ☐ 6223973 ☐	CS	7000 mS @ 25 °C	7001	
☒ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☒ Dissolved Oxygen	ppm	930	HACH Model HQ30d	171932597009 ☐ 100500041867 ☒ 22293299821 ☐	CS	100% Satuartion	100%	
☐ Particulate meter	mg/m^3					zero air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: Chad M Ideta **DATE:** 12/22/23

APPENDIX C

LABORATORY ANALYTICAL DATA PACKAGES

ANALYTICAL REPORT

Lab Number:	L2475702
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1050-1058 NIAGARA ST SITE
Project Number:	4331.0007B000
Report Date:	12/31/24

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2475702-01	TMW-3	WATER	BUFFALO, NY	12/23/24 10:20	12/23/24
L2475702-02	MW-3	WATER	BUFFALO, NY	12/23/24 11:45	12/23/24
L2475702-03	MW-6	WATER	BUFFALO, NY	12/23/24 13:10	12/23/24
L2475702-04	TRIP BLANK	WATER	BUFFALO, NY	12/23/24 00:00	12/23/24
L2475702-05	BLIND DUP	WATER	BUFFALO, NY	12/23/24 12:00	12/23/24

Project Name:	1050-1058 NIAGARA ST SITE	**Lab Number:**	L2475702
Project Number:	4331.0007B000	**Report Date:**	12/31/24

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:	1050-1058 NIAGARA ST SITE	**Lab Number:**	L2475702
Project Number:	4331.0007B000	**Report Date:**	12/31/24

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.

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: Caitlin Walukevich

Title: Technical Director/Representative Date: 12/31/24

ORGANICS

VOLATILES

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-01
Client ID: TMW-3
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 10:20
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/28/24 10:41
Analyst: PID

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: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-01 Date Collected: 12/23/24 10:20

Client ID: TMW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY 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	0.17	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	1.6	J	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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	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
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	114		70-130

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 11:45
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/28/24 12:18
Analyst: PID

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	10		ug/l	0.50	0.16	1
Toluene	1.5	J	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: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02 Date Collected: 12/23/24 11:45

Client ID: MW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY 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	0.17	1
p/m-Xylene	1.7	J	ug/l	2.5	0.70	1
o-Xylene	0.74	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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	9.1		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	130		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	110		ug/l	10	0.40	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02 Date Collected: 12/23/24 11:45

Client ID: MW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	441	J	ug/l			1
Unknown	43.5	J	ug/l			1
Cyclopentane, Methyl-	104	NJ	ug/l			1
Unknown Aromatic	26.1	J	ug/l			1
Unknown Aromatic	35.6	J	ug/l			1
Unknown	70.5	J	ug/l			1
Unknown	27.2	J	ug/l			1
Unknown Cycloalkane	22.4	J	ug/l			1
Unknown Cycloalkane	37.4	J	ug/l			1
Indane	47.8	NJ	ug/l			1
Unknown Cycloalkane	26.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	97		70-130

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-03
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 13:10
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/28/24 11:06
Analyst: PID

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: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-03 Date Collected: 12/23/24 13:10

Client ID: MW-6 Date Received: 12/23/24

Sample Location: BUFFALO, NY 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	0.17	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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	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
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	117		70-130

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-04
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 00:00
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/28/24 11:30
Analyst: PID

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: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-04 Date Collected: 12/23/24 00:00

Client ID: TRIP BLANK Date Received: 12/23/24

Sample Location: BUFFALO, NY 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	0.17	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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	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
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	115		70-130

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 12:00
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/28/24 11:54
Analyst: PID

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: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-05 Date Collected: 12/23/24 12:00

Client ID: BLIND DUP Date Received: 12/23/24

Sample Location: BUFFALO, NY 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	0.17	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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	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
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	112		70-130

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/28/24 10:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014860-5					
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: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/28/24 10:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014860-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
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
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds			
Total TIC Compounds	1.03	J	ug/l
Unknown	1.03	J	ug/l

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/28/24 10:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014860-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	114		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014860-3 WG2014860-4								
Methylene chloride	92		91		70-130	1		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	100		94		63-132	6		20
1,2-Dichloropropane	99		98		70-130	1		20
Dibromochloromethane	90		92		63-130	2		20
1,1,2-Trichloroethane	87		91		70-130	4		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	94		96		70-130	2		20
1,1,1-Trichloroethane	97		94		67-130	3		20
Bromodichloromethane	96		97		67-130	1		20
trans-1,3-Dichloropropene	91		96		70-130	5		20
cis-1,3-Dichloropropene	99		96		70-130	3		20
Bromoform	83		88		54-136	6		20
1,1,2,2-Tetrachloroethane	78		84		67-130	7		20
Benzene	99		95		70-130	4		20
Toluene	97		98		70-130	1		20
Ethylbenzene	98		98		70-130	0		20
Chloromethane	64		**56**	Q	64-130	13		20
Bromomethane	110		120		39-139	9		20
Vinyl chloride	85		78		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014860-3 WG2014860-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	95		91		61-145	4		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	94		88		70-130	7		20
1,2-Dichlorobenzene	96		98		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	96		98		70-130	2		20
Methyl tert butyl ether	89		96		63-130	8		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	47		41		36-147	14		20
Acetone	71		86		58-148	19		20
Carbon disulfide	96		91		51-130	5		20
2-Butanone	83		88		63-138	6		20
4-Methyl-2-pentanone	78		88		59-130	12		20
2-Hexanone	79		89		57-130	12		20
Bromochloromethane	88		89		70-130	1		20
1,2-Dibromoethane	91		96		70-130	5		20
1,2-Dibromo-3-chloropropane	78		84		41-144	7		20
Isopropylbenzene	94		91		70-130	3		20
1,2,3-Trichlorobenzene	87		96		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014860-3 WG2014860-4								
1,2,4-Trichlorobenzene	93		98		70-130	5		20
Methyl Acetate	73		82		70-130	12		20
Cyclohexane	99		91		70-130	8		20
1,4-Dioxane	90		102		56-162	13		20
Freon-113	100		96		70-130	4		20
Methyl cyclohexane	110		91		70-130	19		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		112		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	89		90		70-130
Dibromofluoromethane	111		109		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2014860-6 WG2014860-7 QC Sample: L2475702-03 Client ID: MW-6												
Methylene chloride	ND	10	9.2	92		9.2	92		70-130	0		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	10	100		10	100		70-130	0		20
Carbon tetrachloride	ND	10	9.6	96		9.5	95		63-132	1		20
1,2-Dichloropropane	ND	10	10	100		9.7	97		70-130	3		20
Dibromochloromethane	ND	10	9.2	92		9.2	92		63-130	0		20
1,1,2-Trichloroethane	ND	10	9.4	94		9.2	92		70-130	2		20
Tetrachloroethene	ND	10	10	100		10	100		70-130	0		20
Chlorobenzene	ND	10	10	100		9.8	98		75-130	2		20
Trichlorofluoromethane	ND	10	9.8	98		9.9	99		62-150	1		20
1,2-Dichloroethane	ND	10	9.9	99		10	100		70-130	1		20
1,1,1-Trichloroethane	ND	10	10	100		9.8	98		67-130	2		20
Bromodichloromethane	ND	10	9.6	96		9.5	95		67-130	1		20
trans-1,3-Dichloropropene	ND	10	9.1	91		9.0	90		70-130	1		20
cis-1,3-Dichloropropene	ND	10	9.2	92		9.0	90		70-130	2		20
Bromoform	ND	10	8.2	82		8.4	84		54-136	2		20
1,1,2,2-Tetrachloroethane	ND	10	8.1	81		8.1	81		67-130	0		20
Benzene	ND	10	9.8	98		9.8	98		70-130	0		20
Toluene	ND	10	10	100		9.9	99		70-130	1		20
Ethylbenzene	ND	10	9.8	98		9.6	96		70-130	2		20
Chloromethane	ND	10	5.7	**57**	Q	5.8	**58**	Q	64-130	2		20
Bromomethane	ND	10	9.3	93		11	110		39-139	17		20
Vinyl chloride	ND	10	8.1	81		8.1	81		55-140	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2014860-6 WG2014860-7 QC Sample: L2475702-03 Client ID: MW-6												
Chloroethane	ND	10	12	120		12	120		55-138	0		20
1,1-Dichloroethene	ND	10	9.7	97		9.5	95		61-145	2		20
trans-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Trichloroethene	ND	10	9.0	90		9.0	90		70-130	0		20
1,2-Dichlorobenzene	ND	10	9.3	93		9.2	92		70-130	1		20
1,3-Dichlorobenzene	ND	10	9.4	94		9.4	94		70-130	0		20
1,4-Dichlorobenzene	ND	10	9.5	95		9.3	93		70-130	2		20
Methyl tert butyl ether	ND	10	9.6	96		9.4	94		63-130	2		20
p/m-Xylene	ND	20	20	100		20	100		70-130	0		20
o-Xylene	ND	20	20	100		20	100		70-130	0		20
cis-1,2-Dichloroethene	ND	10	9.9	99		9.7	97		70-130	2		20
Styrene	ND	20	20	100		20	100		70-130	0		20
Dichlorodifluoromethane	ND	10	3.2J	**32**	Q	3.2J	**32**	Q	36-147	0		20
Acetone	ND	10	8.0	80		8.0	80		58-148	0		20
Carbon disulfide	ND	10	9.4	94		9.4	94		51-130	0		20
2-Butanone	ND	10	8.6	86		8.4	84		63-138	2		20
4-Methyl-2-pentanone	ND	10	9.0	90		8.6	86		59-130	5		20
2-Hexanone	ND	10	8.6	86		8.8	88		57-130	2		20
Bromochloromethane	ND	10	9.3	93		9.2	92		70-130	1		20
1,2-Dibromoethane	ND	10	9.7	97		9.4	94		70-130	3		20
1,2-Dibromo-3-chloropropane	ND	10	7.7	77		7.9	79		41-144	3		20
Isopropylbenzene	ND	10	8.8	88		8.9	89		70-130	1		20
1,2,3-Trichlorobenzene	ND	10	7.8	78		8.5	85		70-130	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2014860-6 WG2014860-7 QC Sample: L2475702-03 Client ID: MW-6												
1,2,4-Trichlorobenzene	ND	10	8.3	83		8.6	86		70-130	4		20
Methyl Acetate	ND	10	7.2	72		7.2	72		70-130	0		20
Cyclohexane	ND	10	8.7J	87		8.6J	86		70-130	1		20
1,4-Dioxane	ND	500	500	100		500	100		56-162	0		20
Freon-113	ND	10	8.8	88		8.6	86		70-130	2		20
Methyl cyclohexane	ND	10	8.6J	86		8.0J	80		70-130	7		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		115		70-130
4-Bromofluorobenzene	87		89		70-130
Dibromofluoromethane	110		110		70-130
Toluene-d8	103		102		70-130

SEMIVOLATILES

Project Name: 1050-1058 NIAGARA ST SITE
Lab Number: L2475702
Project Number: 4331.0007B000
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-01
Client ID: TMW-3
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 10:20
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/29/24 18:34
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-01 Date Collected: 12/23/24 10:20

Client ID: TMW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	16.6	J	ug/l			1
Unknown Organic Acid	5.00	J	ug/l			1
Unknown	7.40	J	ug/l			1
Unknown Organic Acid	4.20	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	74		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Lab Number: L2475702
Project Number: 4331.0007B000
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-01
Client ID: TMW-3
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 10:20
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 09:50
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-01 Date Collected: 12/23/24 10:20

Client ID: TMW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	80		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 11:45
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/29/24 18:56
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.8	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02 Date Collected: 12/23/24 11:45

Client ID: MW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02 Date Collected: 12/23/24 11:45

Client ID: MW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	97.0	J	ug/l			1
Unknown	4.10	J	ug/l			1
Unknown	6.70	J	ug/l			1
Unknown	6.40	J	ug/l			1
Unknown Organic Acid	5.50	J	ug/l			1
Unknown	8.90	J	ug/l			1
Unknown	6.60	J	ug/l			1
Unknown	4.30	J	ug/l			1
Unknown	6.80	J	ug/l			1
Unknown	8.70	J	ug/l			1
Unknown	4.70	J	ug/l			1
Unknown	4.70	J	ug/l			1
Unknown	4.90	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	10.3	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	63		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Lab Number: L2475702
Project Number: 4331.0007B000
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 11:45
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 10:06
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	0.09	J	ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.12		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.02	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-02 Date Collected: 12/23/24 11:45

Client ID: MW-3 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	77		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-03
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 13:10
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/29/24 19:19
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-03 Date Collected: 12/23/24 13:10

Client ID: MW-6 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	74		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Lab Number: L2475702
Project Number: 4331.0007B000
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-03
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 13:10
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 10:23
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-03 Date Collected: 12/23/24 13:10

Client ID: MW-6 Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	80		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 12:00
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/29/24 20:26
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-05 Date Collected: 12/23/24 12:00

Client ID: BLIND DUP Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	4.80	J	ug/l			1
Unknown	4.80	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	71		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Lab Number: L2475702
Project Number: 4331.0007B000
Report Date: 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 12/23/24 12:00
Date Received: 12/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 11:12
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1050-1058 NIAGARA ST SITE **Lab Number:** L2475702

Project Number: 4331.0007B000 **Report Date:** 12/31/24

SAMPLE RESULTS

Lab ID: L2475702-05 Date Collected: 12/23/24 12:00

Client ID: BLIND DUP Date Received: 12/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	79		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/29/24 16:42
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG2014326-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/29/24 16:42
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG2014326-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/29/24 16:42
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG2014326-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	73		41-149

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 09:01
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05 Batch: WG2014328-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 09:01
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 10:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05 Batch: WG2014328-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2014326-2 WG2014326-3								
Bis(2-chloroethyl)ether	64		62		40-140	3		30
3,3'-Dichlorobenzidine	93		97		40-140	4		30
2,4-Dinitrotoluene	81		79		48-143	3		30
2,6-Dinitrotoluene	80		83		40-140	4		30
4-Chlorophenyl phenyl ether	71		67		40-140	6		30
4-Bromophenyl phenyl ether	76		72		40-140	5		30
Bis(2-chloroisopropyl)ether	56		54		40-140	4		30
Bis(2-chloroethoxy)methane	67		64		40-140	5		30
Hexachlorocyclopentadiene	**29**	Q	**29**	Q	40-140	0		30
Isophorone	71		66		40-140	7		30
Nitrobenzene	66		60		40-140	10		30
NDPA/DPA	73		74		40-140	1		30
n-Nitrosodi-n-propylamine	69		65		29-132	6		30
Bis(2-ethylhexyl)phthalate	83		85		40-140	2		30
Butyl benzyl phthalate	90		94		40-140	4		30
Di-n-butylphthalate	94		84		40-140	11		30
Di-n-octylphthalate	85		87		40-140	2		30
Diethyl phthalate	81		77		40-140	5		30
Dimethyl phthalate	80		79		40-140	1		30
Biphenyl	79		75		40-140	5		30
4-Chloroaniline	64		64		40-140	0		30
2-Nitroaniline	84		84		52-143	0		30
3-Nitroaniline	86		84		25-145	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2014326-2 WG2014326-3								
4-Nitroaniline	95		90		51-143	5		30
Dibenzofuran	68		68		40-140	0		30
1,2,4,5-Tetrachlorobenzene	70		67		2-134	4		30
Acetophenone	89		83		39-129	7		30
2,4,6-Trichlorophenol	78		82		30-130	5		30
p-Chloro-m-cresol	77		79		23-97	3		30
2-Chlorophenol	72		68		27-123	6		30
2,4-Dichlorophenol	72		75		30-130	4		30
2,4-Dimethylphenol	51		44		30-130	15		30
2-Nitrophenol	68		70		30-130	3		30
4-Nitrophenol	66		65		10-80	2		30
2,4-Dinitrophenol	42		44		20-130	5		30
4,6-Dinitro-o-cresol	73		73		20-164	0		30
Phenol	43		39		12-110	10		30
2-Methylphenol	66		60		30-130	10		30
3-Methylphenol/4-Methylphenol	69		67		30-130	3		30
2,4,5-Trichlorophenol	80		83		30-130	4		30
Carbazole	82		84		55-144	2		30
Atrazine	114		113		40-140	1		30
Benzaldehyde	95		87		40-140	9		30
Caprolactam	34		32		10-130	6		30
2,3,4,6-Tetrachlorophenol	85		88		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2014326-2 WG2014326-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		53		21-120
Phenol-d6	39		37		10-120
Nitrobenzene-d5	70		61		23-120
2-Fluorobiphenyl	68		62		15-120
2,4,6-Tribromophenol	96		96		10-120
4-Terphenyl-d14	78		76		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2014328-2 WG2014328-3								
Acenaphthene	78		79		40-140	1		40
2-Chloronaphthalene	67		68		40-140	1		40
Fluoranthene	91		95		40-140	4		40
Hexachlorobutadiene	54		54		40-140	0		40
Naphthalene	65		66		40-140	2		40
Benzo(a)anthracene	101		104		40-140	3		40
Benzo(a)pyrene	103		107		40-140	4		40
Benzo(b)fluoranthene	101		104		40-140	3		40
Benzo(k)fluoranthene	103		106		40-140	3		40
Chrysene	108		111		40-140	3		40
Acenaphthylene	74		75		40-140	1		40
Anthracene	91		94		40-140	3		40
Benzo(ghi)perylene	98		101		40-140	3		40
Fluorene	85		87		40-140	2		40
Phenanthrene	100		103		40-140	3		40
Dibenzo(a,h)anthracene	100		104		40-140	4		40
Indeno(1,2,3-cd)pyrene	102		107		40-140	5		40
Pyrene	90		93		40-140	3		40
2-Methylnaphthalene	66		67		40-140	2		40
Pentachlorophenol	86		98		40-140	13		40
Hexachlorobenzene	101		103		40-140	2		40
Hexachloroethane	56		58		40-140	4		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 Batch: WG2014328-2 WG2014328-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		53		21-120
Phenol-d6	42		41		10-120
Nitrobenzene-d5	76		74		23-120
2-Fluorobiphenyl	73		70		15-120
2,4,6-Tribromophenol	96		99		10-120
4-Terphenyl-d14	80		82		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2014326-4 WG2014326-5 QC Sample: L2475702-03 Client ID: MW-6												
Bis(2-chloroethyl)ether	ND	20	13	65		15	75		40-140	14		30
3,3'-Dichlorobenzidine	ND	20	18	90		19	95		40-140	5		30
2,4-Dinitrotoluene	ND	20	17	85		17	85		48-143	0		30
2,6-Dinitrotoluene	ND	20	16	80		16	80		40-140	0		30
4-Chlorophenyl phenyl ether	ND	20	14	70		14	70		40-140	0		30
4-Bromophenyl phenyl ether	ND	20	16	80		17	85		40-140	6		30
Bis(2-chloroisopropyl)ether	ND	20	12	60		13	65		40-140	8		30
Bis(2-chloroethoxy)methane	ND	20	14	70		15	75		40-140	7		30
Hexachlorocyclopentadiene	ND	20	7.5J	**38**	Q	7.7J	**39**	Q	40-140	3		30
Isophorone	ND	20	14	70		15	75		40-140	7		30
Nitrobenzene	ND	20	15	75		15	75		40-140	0		30
NDPA/DPA	ND	20	15	75		15	75		40-140	0		30
n-Nitrosodi-n-propylamine	ND	20	14	70		14	70		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	20	15	75		17	85		40-140	13		30
Butyl benzyl phthalate	ND	20	19	95		20	100		40-140	5		30
Di-n-butylphthalate	ND	20	19	95		19	95		40-140	0		30
Di-n-octylphthalate	ND	20	16	80		18	90		40-140	12		30
Diethyl phthalate	ND	20	17	85		17	85		40-140	0		30
Dimethyl phthalate	ND	20	16	80		16	80		40-140	0		30
Biphenyl	ND	20	17	85		17	85		40-140	0		30
4-Chloroaniline	ND	20	13	65		14	70		40-140	7		30
2-Nitroaniline	ND	20	17	85		16	80		52-143	6		30
3-Nitroaniline	ND	20	17	85		17	85		25-145	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2014326-4 WG2014326-5 QC Sample: L2475702-03 Client ID: MW-6												
4-Nitroaniline	ND	20	19	95		19	95		51-143	0		30
Dibenzofuran	ND	20	14	70		15	75		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	15	75		16	80		2-134	6		30
Acetophenone	ND	20	18	90		20	100		39-129	11		30
2,4,6-Trichlorophenol	ND	20	17	85		16	80		30-130	6		30
p-Chloro-m-cresol	ND	20	17	85		18	90		23-97	6		30
2-Chlorophenol	ND	20	14	70		15	75		27-123	7		30
2,4-Dichlorophenol	ND	20	15	75		17	85		30-130	13		30
2,4-Dimethylphenol	ND	20	10	50		11	55		30-130	10		30
2-Nitrophenol	ND	20	15	75		16	80		30-130	6		30
4-Nitrophenol	ND	20	12	60		13	65		10-80	8		30
2,4-Dinitrophenol	ND	20	14.J	70		14.J	70		20-130	0		30
4,6-Dinitro-o-cresol	ND	20	17	85		18	90		20-164	6		30
Phenol	ND	20	7.9	40		8.5	43		12-110	7		30
2-Methylphenol	ND	20	14	70		14	70		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	20	14	70		14	70		30-130	0		30
2,4,5-Trichlorophenol	ND	20	17	85		17	85		30-130	0		30
Carbazole	ND	20	17	85		17	85		55-144	0		30
Atrazine	ND	20	24	120		24	120		40-140	0		30
Benzaldehyde	ND	20	21	110		22	110		40-140	5		30
Caprolactam	ND	20	6.2J	31		7.6J	38		10-130	20		30
2,3,4,6-Tetrachlorophenol	ND	20	17	85		18	90		40-140	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2014326-4 WG2014326-5 QC Sample: L2475702-03 Client ID: MW-6												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	104		99		10-120
2-Fluorobiphenyl	69		69		15-120
2-Fluorophenol	56		59		21-120
4-Terphenyl-d14	76		78		41-149
Nitrobenzene-d5	72		76		23-120
Phenol-d6	42		39		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2014328-4 WG2014328-5 QC Sample: L2475702-03 Client ID: MW-6												
Acenaphthene	ND	20	16	80		16	80		40-140	0		40
2-Chloronaphthalene	ND	20	14	70		15	75		40-140	7		40
Fluoranthene	ND	20	18	90		19	95		40-140	5		40
Hexachlorobutadiene	ND	20	12	60		12	60		40-140	0		40
Naphthalene	ND	20	14	70		14	70		40-140	0		40
Benzo(a)anthracene	ND	20	20	100		21	110		40-140	5		40
Benzo(a)pyrene	ND	20	20	100		21	110		40-140	5		40
Benzo(b)fluoranthene	ND	20	20	100		20	100		40-140	0		40
Benzo(k)fluoranthene	ND	20	20	100		22	110		40-140	10		40
Chrysene	ND	20	21	110		21	110		40-140	0		40
Acenaphthylene	ND	20	15	75		16	80		40-140	6		40
Anthracene	ND	20	18	90		18	90		40-140	0		40
Benzo(ghi)perylene	ND	20	18	90		19	95		40-140	5		40
Fluorene	ND	20	18	90		18	90		40-140	0		40
Phenanthrene	ND	20	21	110		21	110		40-140	0		40
Dibenzo(a,h)anthracene	ND	20	18	90		20	100		40-140	11		40
Indeno(1,2,3-cd)pyrene	ND	20	19	95		20	100		40-140	5		40
Pyrene	ND	20	18	90		18	90		40-140	0		40
2-Methylnaphthalene	ND	20	14	70		14	70		40-140	0		40
Pentachlorophenol	ND	20	21	110		21	110		40-140	0		40
Hexachlorobenzene	ND	20	20	100		20	100		40-140	0		40
Hexachloroethane	ND	20	13	65		13	65		40-140	0		40

Matrix Spike Analysis
Batch Quality Control

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG2014328-4 WG2014328-5 QC Sample: L2475702-03 Client ID: MW-6

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	104		106		10-120
2-Fluorobiphenyl	73		74		15-120
2-Fluorophenol	53		53		21-120
4-Terphenyl-d14	78		81		41-149
Nitrobenzene-d5	77		78		23-120
Phenol-d6	40		40		10-120

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

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(*)
L2475702-01A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-01B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-01C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-01D	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-01E	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-02A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-02B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-02C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-02D	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-02E	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-03A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03A1	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03A2	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03B1	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03B2	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03C1	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03C2	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-03D	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475702-03D1	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-03D2	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-03E	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-03E1	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-03E2	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-05A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-05B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-05C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2475702-05D	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475702-05E	Amber 100ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name:	1050-1058 NIAGARA ST SITE	**Lab Number:**	L2475702
Project Number:	4331.0007B000	**Report Date:**	12/31/24

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:	1050-1058 NIAGARA ST SITE	**Lab Number:**	L2475702
Project Number:	4331.0007B000	**Report Date:**	12/31/24

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:	1050-1058 NIAGARA ST SITE	**Lab Number:**	L2475702
Project Number:	4331.0007B000	**Report Date:**	12/31/24

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: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000
Lab Number: L2475702
Report Date: 12/31/24

REFERENCES

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

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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 Project Manager.

ALPHA

NEW YORK CHAIN OF CUSTODY

L2475702 31DEC24
ROUX – BENCH

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 12/24/24

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@roux-inc.com

Project Information
Project Name: 1050-1088 Niagara St Site
Project Location: Buffalo, NY
Project # 4331.0007B000
(Use Project name as Project #) ☐
Project Manager: Nate Munley
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:
CAT B

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	TCL VOCs +TICs	TCL SVOCs +TICs	Sample Specific Comments	Total Bottle
75702-01	TMW-3	12/23/24	1020	AQUA	CS	X	X		5
-02	MW-3		1145			X	X		5
-03	MW-6 (MS/MSD)		1310			X	X		5
-04	TRIP BLANK		1210			X			2
-05	BLIND DUP		1200			X	X		5

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	A
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
Chad M Shaw	12/23/24 1350	Charles Crawford Jr	12-23-24 1355
Charles Crawford Jr	12-23-24 1353	Buffalo/SK	12-23-24 1355
Russell B Kirby	12-23-24 15:30		
	0030	C	12/24 0030

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)

APPENDIX D

DATA USABILITY SUMMARY REPORT (DUSR)

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

February 14, 2025

Chad Schuster
Roux Environmental Engineering and Geology, D. P. C.
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: 1050-1088 Niagara Street
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Pace/Alpha SDG No. L2475702

Dear Mr. Schuster:

Review has been completed for the data package generated by Pace/Alpha Analytical that pertains to samples collected 12/23/24 at the 1050-1088 Niagara Street site. Three aqueous samples and a field duplicate were processed for TCL volatiles and TCL semivolatiles by USEPA SW846 Methods 8260D and 8270E. Tentatively Identified Compounds (TICs) were also processed.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate and Internal Standard Recoveries
* Method and Calibration Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the samples are usable either as reported or with minor qualification.

Data completeness, accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are acceptable.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report is the client EDD with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

One of the interim laboratory transfers omits the receipt date/time and the subsequent relinquish date.

Blind Field Duplicates

The blind field duplicate evaluation was performed on MW-6. Correlations for the evaluation fall within validation guidelines.

Volatile Analyses by EPA 8260D

The matrix spike evaluation was performed on MW-6. Recoveries and correlations are within validation guidelines, with the exception of the recoveries for chloromethane (57% and 58%) and dichlorodifluoromethane (32% and 32%). Results for those two analytes are qualified as estimated in that parent sample.

Results for 1,4-dioxane are rejected due to low relative response in the calibration standards. Other calibration standards show responses within validation guidelines, with the exception of the following, the results for which are qualified as estimated in the project samples/trip blank: dichlorodifluoromethane (53%D) and 1,1,2,2-tetrachloroethane (22%D).

Surrogate and internal standard recoveries are compliant. Blanks show no contamination. LCS recoveries are within validation guidelines.

Semivolatile Analyses by EPA 8270E – Full Scan and SIM

The results for hexachlorocyclopentadiene in the project samples are qualified as estimated due to low LCS recoveries (29% and 29%).

The matrix spike evaluation was performed on MW-6. Recoveries and correlations are within validation guidelines, with the exception of the recoveries for hexachlorocyclopentadiene (38% and 39%). The result for those that analyte is qualified as estimated in that parent sample.

Calibration standards show responses within validation guidelines.

Surrogate and internal standard recoveries are compliant. Blanks show no contamination. LCS recoveries are within validation guidelines.

The TICs reported in MW-3 can be further characterized as oxygenated and cyclic hydrocarbons.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name: 1050-1058 NIAGARA ST SITE
Project Number: 4331.0007B000

Lab Number: L2475702
Report Date: 12/31/24

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2475702-01	TMW-3	WATER	BUFFALO, NY	12/23/24 10:20	12/23/24
L2475702-02	MW-3	WATER	BUFFALO, NY	12/23/24 11:45	12/23/24
L2475702-03	MW-6	WATER	BUFFALO, NY	12/23/24 13:10	12/23/24
L2475702-04	TRIP BLANK	WATER	BUFFALO, NY	12/23/24 00:00	12/23/24
L2475702-05	BLIND DUP	WATER	BUFFALO, NY	12/23/24 12:00	12/23/24