2022-2023 PERIODIC REVIEW REPORT

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

August 2023 0136-020-002

Prepared for:

9271 Group, LLC

Prepared By:

BENCHMARK TURNKEY

PERIODIC REVIEW REPORT
1050-1088 Niagara Street Site (C915277)
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1.0 INTRODUCTION

Benchmark Civil/Environmental Engineering and Geology, PLLC (Benchmark), in association with TurnKey Environmental Restoration, LLC (TurnKey) 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, 2022 to July 31, 2023 reporting period.

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; and 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 has a long history of being 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. Gulf Oil Corporation and/or Hygrade Petroleum Co. were identified as on-Site operators 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.

1.3 Recommendations

Based on the post-remedial monitoring and analytical results for the Site, the following recommendations are provided for the Site.

- Modification of groundwater sampling to annual (1x per year).
- Removal of TMW-3 from future groundwater sampling events and decommissioning of the well.

1.4 Compliance

The Site is in general compliance with the SMP. The completed IC/EC form is included in Appendix A and a Site photo log is included in Appendix B.

2.0 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 Soil Vapor Extraction (SVE) system to mitigate nuisance petroleum 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.
- 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.

3.0 REMEDY PERFORMANCE

Post-remedial inspections and groundwater monitoring have been completed at the Site for the current reporting period. Groundwater sample analytical results are summarized on Table 1, with representative groundwater isopotential shown on Figures 4A through 4B for the associated sampling events. Groundwater monitoring and sampling logs are provided in Appendix C. Laboratory analytical data reports are provided electronically in Appendix D.

During the reporting period minor modification of the cover system hardscape where the former SVE trailer was located and parking lot maintenance in April 2023, and treatment of the invasive knotweed along the northern and western property boundaries in May and July 2023. Details are provided below.

Additionally, monitoring well MW-4 was decommissioned in accordance with NYSDEC approval on April 24, 2023 prior to placement of the concrete pad described above.

The completed IC/EC Certification form and site photographs are included in Appendix A and Appendix B, respectively. Documentation of the invasive species and varmint removal is provided in Appendix E. Documentation of the well decommissioning activities in include in Appendix F.

With the additional remedial activities identified above, the cover system is maintained in general accordance with the SMP.

4.0 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 Soil Vapor Extraction (SVE) system was approved for shutdown and removal by the Department in December 2020 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 eleven (11) rounds of post-IRM groundwater samples have been collected to date. Two (2) sampling events were completed during this reporting period, on October 30, 2022, and April 24, 2023. Faint odors were noted at MW-3 during pre-sample purge during both sampling events this period. No odors were noted at any of the other well locations.

In June 2021, supplemental groundwater treatment to address low-level residual petroleum-related VOCs was completed on-Site , in accordance with the approved SMP In-Situ Groundwater Treatment Work Plan (November 2020). Regenesis RegenOx® Part A reagent was applied to MW-3 and MW-5R. Presence of the reagent was noted during the January 2022 sampling event. Concentrations of groundwater compounds have continued to decrease, and at this time, no additional applications are planned.

Prior to decommissioning of MW-4, the well was confirmed dry. MW-4 was then decommissioned on April 24, 2023. Monitoring well MW-5R was also checked during the sampling events and confirmed dry. MW-5R will be sampled if recoverable volume is present during future sampling events.

Groundwater sampling logs are provided in Appendix C. Groundwater elevation data is provided on Table 1 and groundwater analytical results are summarized on Table 2.

Laboratory analytical data reports are provided in Appendix D. The Data Usability Summary Report (DUSR) for this reporting period is provided in Appendix G.

Based on the post-remedial groundwater analytical results, it is recommended to modify the ongoing groundwater sampling events to once per year and remove and decommission TMW-3 from the well list.

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 inspections were completed throughout the reporting period. 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. Maintenance of the hardscape cover, including the drive-thru lane, storm drainage inlets, former SVE trailer/stone cover area, invasive species along the northern and western embankment, and erosion along the western embankment were noted. No observable indication of intrusive activities was noted during the Site inspection. No observable use of groundwater was noted during the reporting period.

9271 Group hired a licensed herbicide applicator/landscaper to address the onsite invasive knotweed. The invasive knotweed was treated on May 11 and July 7, 2023 by TruGreen, a New York State licensed pesticide/herbicide applicator (C9823813); however, it

should be noted that knotweed and other invasive species are abundant along the I-190 expressway directly west of the site, and invasive species management will likely be an ongoing maintenance issue. Documentation of work completed and an email from TruGreen indicating that the vegetation is responding to treatment is provided in Appendix E. Another application/treatment of the knotweed is scheduled for the Fall of 2023.

Vegetation identified along the southern side of the 1050 Niagara Street building was also treated to protect the hardscape cover (asphalt) along the site boundary (see Photolog).

Maintenance crew is aware of a varmint burrow (groundhog) present on the western embankment (along the I-190) affecting the soil cover system in this area. Upon satisfactory application and determination of effectiveness of the invasive knotweed treatment the varmint burrow will be removed by a licensed exterminator. Soil cover will then be reestablished to achieve the SMP requirements.

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

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 actives.

No intrusive activities requiring management of on-Site soil or fill material; or the import and placement of backfill materials occurred during the monitoring period.

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.

  Cover system maintenance issues related to encroachment by invasive knotweed is ongoing and appears to be effective. Issues related to varmint burrow erosion will be addressed as knotweed controls appear to be effective. Details are included in Appendix E.

At the time of the site inspection, the Site was generally compliant with the engineering and institutional control requirements, with exceptions as noted above.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions:

The Site was in general compliance with the SMP.

Recommendations:

- Modification of groundwater sampling to annual (1x per year).
- Removal of TMW-3 from future groundwater sampling events and decommissioning of the well.

6.0 DECLARATION/LIMITATION

Benchmark-TurnKey personnel conducted the annual site inspections 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 Benchmark TurnKey.

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 Benchmark-TurnKey.

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)[1]	DTW (fbTOR) [1]		Groundwater Elevation (feet)	
		Sample Date			
		10/30/2022	4/24/2023	10/30/2022	4/24/2023
TMW-3	598.31	10.85	11.14	587.46	587.17
MW-3	613.44	26.65	26.51	586.79	586.93
MW-4[2,3]	616.59	Dry	Dry	589.15	589.15
MW-5R[2]	615.62	Dry	Dry	595.39	595.39
MW-6	622.01	9.95	9.55	612.06	612.46

Notes:

1. DTW based on water levels collected by TurnKey on 10/30/2022 and 4/24/2023.
2. Groundwater elevation based on bottom of well elevation.
3. MW-4 decommissioned in accordance with NYSDEC CP-43 on April 24, 2023.

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	11/7/20	5/23/21	1/8/22	6/12/22	10/30/22	4/24/23
Volatile Organic Compounds (VOCs) - ug/L				D											
1,1 Dichloroethane	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	1.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	ND	0.62 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	4.1 J	ND	ND	2.4 J	ND	3.8 J	5.8	1.5 J	2 J	1.8 J	1.5 J	1.8 J-	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	**60**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	75	66	2.8 J	0.9 J	0.47 J	ND	ND	ND	ND	ND	ND	0.44 J	ND	ND
Ethylbenzene	**5**	ND	1.5	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
Methyl Acetate	**--**	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	0.66 J	ND	ND
Methylene Chloride	**5**	2.6 J,B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	**20**	**17**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	**100**	**98**	**13 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	**21**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene, Total	**5**	ND	1.6 J	ND	ND	ND	ND	ND	ND	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	1.5 J	2 J	1.8 J	2.6 J	1.8 J	ND
VOCs Tentatively Identified Compounds (TICs)- ug/L															
3-Phenylbut-1-ene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, cyclopropyl-	--	--	160 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	140 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	--	200 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	--	49 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	--	ND	ND	3.84 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	--	ND	ND	4.14 NJ	3.09 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, 1,3-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	--	130 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	--	81 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	54 NJ	16.6 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	--	68 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	--	43 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfur Dioxide	--	--	ND	ND	ND	ND	ND	1 NJ	ND	ND	2 NJ	ND	ND	ND	ND
Unknown Benzene	--	--	ND	43.8 J	ND	4.57 J	1.31 J	ND	1.12 J	ND	ND	ND	ND	ND	ND
Unknown Aromatic(s)	--	--	ND	48.8 J	7.35 J	5.53 J	4.03 J	ND	1.07 J	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	--	ND	21.2 J	10.84 J	ND	4.91 J	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cycloalkane(s)	--	--	ND	ND	7.75 J	8.17 J	1.1 J	ND	ND	ND	ND	ND	ND	ND	ND
Unknown(s)	--	--	52 J	18.4 J	3.41 J	5.16 J	1.29 J	1.08 J	ND	ND	ND	ND	ND	ND	ND
Total TICs	--	--	977	148.8	37.33 J	26.52 J	12.64 J	2.08 J	2.19 J	ND	2 J	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - ug/L															
2-Methylnaphthalene	--	44	--	--	--	ND	ND	0.07 J	0.06 J	0.08 J	ND	0.19	0.08	ND	0.18
Acenaphthene	**20**	ND	--	--	--	ND	ND	0.03 J	ND	0.04 J	ND	0.02 J	ND	ND	0.03 J
Acenaphthylene	--	ND	--	--	--	ND	ND	ND	0.03 J	0.04 J	0.02 J	ND	0.03 J	ND	0.04 J
Acetophenone	--	27	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	0.7 J	--	--	--	0.02 J	ND	0.1 J	0.05 J	0.08 J	0.04 J	ND	0.1 J	0.02 J	0.07 J
Benzaldehyde	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	**0.46 J**	--	--	--	ND	ND	**0.46**	**0.2**	**0.15**	**0.09 J**	**0.32**	**0.22**	**0.03 J**	**0.25**
Benzo(a)pyrene	**ND**	**0.66 J**	--	--	--	**0.03 J**	**0.04 J**	**0.49**	**0.27**	**0.17**	**0.1**	**0.35**	**0.24**	ND	**0.39**
Benzo(b)fluoranthene	**0.002**	**1.5 J**	--	--	--	**0.04 J**	**0.04 J**	**0.77**	**0.33**	**0.21**	**0.14**	**0.54**	**0.34**	**0.02 J**	**0.52**
Benzo(ghi)perylene	--	0.67 J	--	--	--	0.02 J	0.03 J	0.48 J	0.31	0.23	0.1	0.46	0.3	0.02 J	0.36
Benzo(k)fluoranthene	**0.002**	ND	--	--	--	**0.02 J**	**0.04 J**	**0.22**	**0.14**	**0.09 J**	**0.04 J**	**0.16**	**0.09**	ND	**0.14**
Benzoic acid	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	**6.7 B**	--	--	--	**8.2 B**	ND	3.6	**7.8**	2 J	1.7 J	ND	ND	ND	ND
Butyl benzyl phthalate	**50**	ND	--	--	--	ND	ND	ND	7.9	6.6	3.5 J	10	ND	ND	3.6 J
Carbazole	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	--	ND	--	--	--	ND	ND	ND	ND	ND	3.5 J	49	ND	ND	ND
Chrysene	**0.002**	**0.49 J**	--	--	--	ND	**0.04 J**	**0.44**	**0.35**	**0.21**	**0.11**	**0.49**	**0.32**	**0.01 J**	**0.37**
Dibenzo(a,h)anthracene	**--**	ND	--	--	--	ND	ND	0.11	0.05 J	0.05 J	0.03 J	ND	0.05 J	ND	0.08 J
Dibenzofuran	--	0.95 J	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	**50**	ND	--	--	--	0.73 J	ND	1.6 J	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**50**	ND	--	--	--	ND	ND	ND	ND	0.56 J	ND	ND	ND	0.53 J	ND
Fluoranthene	**50**	1.3 J	--	--	--	0.07 J	0.07 J	0.73 J	0.4	0.23	0.18	0.62	0.44	0.02 J	0.56
Fluorene	**50**	1.2 J	--	--	--	0.02 J	ND	0.05 J	0.03 J	0.05 J	0.02 J	ND	0.03 J	ND	0.04 J
Hexachlorobenzene	--	ND	--	--	--	ND	ND	ND	ND	ND	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**	**0.16**	**0.1 J**	**0.33**	**0.2**	**0.01 J**	**0.27**
Isophorone	**50**	37	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**10**	9.6	--	--	--	ND	ND	0.09 J	0.06 J	0.08 J	0.09 J	0.16	0.1	0.05 J	0.16
Pentachlorophenol	**1**	--	--	--	--	ND	ND	ND	0.32 J	0.21 J	ND	0.48 J	ND	ND	0.22 J
Phenanthrene	**50**	2.5 J	--	--	--	0.07 J	0.05 J	0.41	0.29	0.2	0.11	0.58	0.38	0.05 J	0.43
Phenol	**1**	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**50**	1 J	--	--	--	0.06 J	0.07 J	0.66	0.35	0.2	0.16	0.54	0.38	ND	0.48
Total SVOCs	--	136.37	--	--	--	9.3	0.41	10.79	19.16	11.64	10.03	64.24	3.3	0.76	8.19 J
SVOCs Tentatively Identified Compounds (TICs)- ug/L															
1-Phenyl-1-butene	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldol Condensates	--	--	--	--	--	34 J	188.3 J	14.1 J	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,-trimethyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--			--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--			--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--			--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--			--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--			--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, propyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caffeine	--					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	--	--	--	--	ND	ND	ND	ND	4.47 NJ	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Erucylamide	--					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexadecanoic acid	--					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Alcohol	--	--	--	--	--	ND	ND	ND	128.8 J	ND	3.31 J	ND	ND	2.11 JB	ND
Unknown Aldehyde	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	4.44 J	ND	ND
Unknown Alkane	--	--	--	--	--	ND	ND	31.41 J	ND	11.85	ND	ND	64.91 J	4.65 JB	61.8 J
Unknown Amide	--	--	--	--	--	ND	ND	ND	ND	6.91 J	ND	ND	ND	ND	ND
Unknown Benzene	--	--	--	--	--	ND	ND	ND	ND	4.04	ND	ND	13.6 J	ND	13 J
Unknown Cycloalkane	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclopentene	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Furan	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	1.78 JB	ND
Unknown Organic Acid	--	--	--	--	--	161.49 J	1.45 J	42.1 J	94.7 J	10.2 J	15.45 J	50.1 J	12.83 J	7.45 JB	ND
Unknown Phenol	--	--	--	--	--	ND	ND	2.84 J	ND	ND	ND	ND	ND	ND	ND
Unknown Siloxane	--	--	--	--	--	ND	ND	ND	12.2 J	ND	ND	ND	ND	ND	ND
Unknown	--	--	--	--	--	9.99 J	12.21 J	76.61 J	337.1 J	69.42 J	165.59 J	841.44 J	15.16 J	3.78 J	27.57 JB
Total TICs	--	--	--	--	--	205.48 J	201.96 J	167.06 J	572.8 J	106.89 J	184.35 J	988 J	126 J	19.8 J	102.37 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-4 and MW-5R has/have been routinely dry.
4. MW-4 decommissioned in accordance with NYSDEC CP-43 on April 24, 2023.

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.

BENCHMARK TURNKEY

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	11/7/20	5/23/21	1/8/22	6/12/22	10/30/22	4/24/23
Volatile Organic Compounds (VOCs) - ug/L													D	
1,1 Dichloroethane	**5**	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	0.83 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	**100 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	**54 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	21	ND	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND
Benzene	**1**	**67 D**	**7.9**	**10**	**31**	**39**	**28**	**32**	**36**	**31**	**16 J-**	**7.6 J-**	**25 J-**	**28**
Carbon disulfide	**60**	0.37 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	1000 D	70	100	160	260	210	350 D	370 D	540	280 J-	230 D, J-	150 J-	250 D
Ethylbenzene	**5**	**30 D**	ND	ND	ND	ND	1.7 J	2.2 J	2.8	3.6 J	2.9 J-	2.4 J-	3.1 J-	2.6
Isopropylbenzene	**5**	**200 D**	**36**	**44**	**27**	**60**	**60**	**57**	**70**	**88**	**55 J-**	**51 J-**	**48 J-**	**48**
Methyl Acetate	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	--	1200 D	170	210	210	230	160	210 D	320 D	380	130 J-	160 J-	100 J-	180
Methylene Chloride	**5**	**18**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	**54 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	**200 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	**50 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	**7.1**	ND	ND	2.4 J	4.2 J	4 J	4.2	**5.1**	**5.2 J**	3.4 J-	1.9 J-	3.4 J-	3.9
Xylene, Total	**5**	**13 J, D**	ND	2.1 J	3.6 J	**6.2 J**	**8.8 J**	**9.6**	**11.9**	**11.2 J**	**7.9 J-**	4.6 J-	4.9 J-	**5.7 J**
Total VOCs	--	3027.2 J, D	283.9	366.1 J	434 J	599.4 J	472.5 J	665 J	842.8	1059 J	495.2 J-	457.5 J	334.4 J	518.2 J
VOCs Tentatively Identified Compounds (TICs)- ug/L														
3-Phenylbut-1-ene	--	ND	ND	ND	ND	ND	ND	ND	ND	133 NJ	ND	ND	ND	ND
Benzene, cyclopropyl-	--	29 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	50 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	ND	ND	ND	ND	ND	57.2 NJ	ND	ND	116 NJ	38.7 NJ	ND	ND	ND
Cyclohexane	--	ND	ND	ND	ND	93.4 NJ	ND	ND	ND	154 NJ	41.4 NJ	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	ND	71.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	102 NJ	ND	ND	ND
Cyclopentane, methyl-	--	83 NJ	ND	77.3 NJ	87.4 NJ	150 NJ	151 NJ	207 NJ	169 NJ	390 NJ	153 NJ	ND	97.9 NJ	103 NJ
Cyclopentane, 1,3-dimethyl-	--	ND	ND	ND	89.2 NJ	ND	58.4 NJ	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	26 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	ND	ND	ND	ND	ND	ND	ND	83.2 NJ	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	21 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	33 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	30 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.4 NJ
Cyclohexene, 1-methyl-	--	37 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexane	--	19 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	ND	ND	ND	ND	153 NJ	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	ND	ND	94.3 NJ	111 NJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	ND	ND	65.4 NJ	ND	62.8 NJ	55.2 NJ	ND	ND	98.8 NJ	ND	ND	ND	ND
Indane	--	ND	124 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	126 NJ
Pentane	--	ND	ND	ND	ND	47 NJ	55.1 NJ	80.5 NJ	ND	133 NJ	34.7 NJ	ND	ND	ND
Sulfur Dioxide	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.6 J	29.8 J
Unknown Aromatic(s)	--	ND	62.9 J	39.7 J	77.3 J	124.9 J	60 J	154.5	166.6 J	ND	32.6 J	ND	129.2 J	122.8 J
Unknown Cyclohexane	--	ND	164 J	141.6 J	159 J	90.7 J	68.5 J	106 J	121 J	140 J	ND	ND	ND	ND
Unknown Cycloalkane(s)	--	ND	ND	180.1 J	238.1 J	174.4 J	71.9 J	158.2 J	141.2 J	143 J	ND	ND	25.5 J	32.6 J
Unknown(s)	--	45 J	508.8 J	98.4 J	164.1 J	ND	237.8 J	368.9	291.3	390.3 J	154.7 J	ND	222.3 J	125.9 J
Total TICs	--	373	931.3	696.8 J	926.1 J	896.2 J	815.1 J	1075.1 J	972.3 J	1698.1 J	557.1 J	ND	510 J	579 J
Semivolatile Organic Compounds (SVOCs) - ug/L														
2-Methylnaphthalene	--	ND	--	--	0.04 J	0.06 J	0.1 J	0.07 J	0.13	0.11 J	0.13	ND	ND	0.1 J
Acenaphthene	**20**	ND	--	--	0.07 J	0.13	0.12	0.49	0.35	0.1	0.07 J	ND	ND	0.5
Acenaphthylene	--	ND	--	--	ND	0.02 J	ND	ND	0.05 J	0.05 J	ND	ND	ND	0.02 J
Acetophenone	--	86 J	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	ND	--	--	0.05 J	0.06 J	0.06 J	0.05 J	0.11	0.11 J	ND	0.02 J	0.03 J	0.03 J
Benzaldehyde	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	ND	--	--	**0.09 J**	**0.1 J**	**0.12**	**0.12**	**0.23**	**0.24**	ND	**0.02 J**	**0.03 J**	**0.05 J**
Benzo(a)pyrene	**ND**	ND	--	--	**0.08 J**	**0.07 J**	**0.08 J**	**0.09 J**	**0.18**	**0.18**	ND	ND	ND	**0.09 J**
Benzo(b)fluoranthene	**0.002**	ND	--	--	**0.13**	**0.08 J**	**0.13**	**0.13**	**0.23**	**0.24**	ND	**0.01 J**	**0.03 J**	**0.14**
Benzo(ghi)perylene	--	ND	--	--	0.04 J	0.05 J	0.05 J	0.06 J	0.13	0.11 J	ND	ND	ND	0.09 J
Benzo(k)fluoranthene	**0.002**	ND	--	--	**0.05 J**	**0.07 J**	**0.04 J**	**0.06 J**	**0.12**	**0.08 J**	ND	ND	ND	**0.04 J**
Benzoic acid	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	ND	--	--	**7.2 B**	3.6	2.6 J	2 J	2.6 J	2.4 J	ND	**6.2**	ND	ND
Butyl benzyl phthalate	**50**	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	--	ND	--	--	ND	ND	ND	ND	ND	ND	93	ND	ND	ND
Chrysene	**0.002**	ND	--	--	**0.13**	ND	**0.1**	**0.12**	**0.23**	**0.26**	ND	ND	**0.01 J**	**0.08 J**
Dibenzo(a,h)anthracene	--	ND	--	--	ND	0.01 J	0.02 J	ND	0.04 J	0.03 J	0.02 J	ND	ND	0.02 J
Dibenzofuran	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	**50**	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**50**	ND	--	--	ND	2.6 J	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	**50**	ND	--	--	0.23	0.22	0.22	0.22	0.36	0.47	ND	ND	0.05 J	0.19
Fluorene	**50**	ND	--	--	0.06 J	0.07 J	0.08 J	0.08 J	0.1 J	0.12	ND	ND	ND	0.07 J
Hexachlorobenzene	--	ND	--	--	ND	ND	ND	ND	ND	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**	**0.14**	**0.13**	ND	ND	ND	**0.09 J**
Isophorone	**50**	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**10**	ND	--	--	ND	0.59	0.58	ND	0.19	1.6	ND	0.19	0.53	0.24
Pentachlorophenol	**1**	ND	--	--	0.11 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**50**	ND	--	--	0.2	0.24	0.21	0.18	0.3	0.4	ND	0.03 J	0.11	0.16
Phenol	**1**	ND	--	--	**1.6 J**	ND	**1.3 J**	ND	ND	ND	ND	**1.7 J**	ND	**1.3 J**
Pyrene	**50**	ND	--	--	0.22	0.22	0.21	0.23	0.38	0.46	ND	ND	0.05 J	0.15
Total SVOCs	--	86	--	--	10.35	8.23	6.09	3.96	5.87	7.09	93.22	8.17	0.84	3.36
SVOCs Tentatively Identified Compounds (TICs)- ug/L														
1-Phenyl-1-butene	--	230 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldol Condensates	--	ND	--	--	ND	375.3 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,-trimethyl-	--	280 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	180 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	220 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	180 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, propyl-	--	150 JN	--	--	ND	ND	ND	ND	ND	ND	19.5 NJ	16.5 NJ	ND	ND
Caffeine	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	11.3 NJ	ND	ND
Cyclic Octaatomic Sulfur	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	170 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	120 JNB	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	ND	--	--	ND	ND	34.9 NJ	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	ND	--	--	ND	ND	29.2 NJ	ND	ND	ND	ND	ND	ND	ND
Erucylamide	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	200 JN	--	--	ND	ND	97.5 NJ	115 NJ	46.6 NJ	79.7 NJ	71.4 NJ	69.1 NJ	78.9 NJ	68.8 NJ
n-Hexadecanoic acid	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	150 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	140 JN	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Alcohol	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	13.9 J	14.6 J
Unknown Aldehyde	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Alkane	--	ND	--	--	40.6 J	271.9 J	117.4 J	201.9 J	270.6 J	150.6 J	ND	51.7 J	ND	ND
Unknown Amide	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	ND	--	--	63.1 J	42.8 J	60 J	ND	ND	71.1 J	33.3 J	34.4 J	38.7 J	19.47 J
Unknown Cycloalkane	--	ND	--	--	13.7 J	ND	ND	86.5 J	205.2 J	55.1 J	ND	ND	18.61 J	ND
Unknown Cyclohexane	--	ND	--	--	ND	92.2 J	138.3 J	ND	ND	ND	ND	ND	11.4 J	ND
Unknown Cyclopentene	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	8.14 J	ND
Unknown Furan	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Organic Acid	--	ND	--	--	ND	ND	ND	ND	ND	ND	444.9 J	12.4	ND	ND
Unknown Phenol	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Siloxane	--	ND	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown	--	1200 J	--	--	216.4 J	237.7 J	117.5 J	249.1 J	277.5 J	122.5 J	134.5 J	100.3 J	70.37 J	120.74 JB
Total TICs	--	3220	--	--	333.8 J	1019.9 J	594.8 J	652.5 J	799.9 J	479 J	736 J	318 J	240.02 J	223.61 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-4 and MW-5R has/have been routinely dry.
4. MW-4 decommissioned in accordance with NYSDEC CP-43 on April 24, 2023.

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-4[4]			MW-5R
		2/12/15	5/8/17	11/15/2017 - 4/24/2023	11/15/2017 - 4/24/2023
Volatile Organic Compounds (VOCs) - ug/L				DRY	DRY
1,1 Dichloroethane	**5**	0.59 J	ND	--	--
1,2,4-Trimethylbenzene	**5**	**12 D**	ND	--	--
1,3,5-Trimethylbenzene	**5**	**9.2 J, D**	ND	--	--
2-Butanone (MEK)	**50**	6.5 J	ND	--	--
2-Hexanone	**50**	4.9 J	ND	--	--
4-Isopropyltoluene	**5**	2.4	ND	--	--
Acetone	**50**	17	5.4	--	--
Benzene	**1**	**370 D**	**66**	--	--
Carbon disulfide	**60**	1	ND	--	--
Cyclohexane	**--**	240 D	33	--	--
Ethylbenzene	**5**	**6.2**	0.75 J	--	--
Isopropylbenzene	**5**	**120 D**	**9**	--	--
Methyl Acetate	**--**	ND	ND	--	--
Methylcyclohexane	**--**	240 D	14	--	--
Methylene Chloride	**5**	5	ND	--	--
n-Butylbenzene	**5**	**23 D**	ND	--	--
n-Proplybenzene	**5**	**130 D**	ND	--	--
sec-Butylbenzene	**5**	**25 D**	ND	--	--
tert-butylbenzene	**5**	3	ND	--	--
Toluene	**5**	**12 D**	1.2 J	--	--
Xylene, Total	**5**	**19 J, D**	1 J	--	--
Total VOCs	--	1246.79 J, D	130.35 J	--	--
VOCs Tentatively Identified Compounds (TICs)- ug/L					
3-Phenylbut-1-ene	--	ND	ND	--	--
Benzene, cyclopropyl-	--	150 NJ	ND	--	--
Benzene, 1-methyl-2-(1-methylethyl)-	--	120 NJ	ND	--	--
Benzene, 1-methyl-3-(1-methylethyl)-	--	ND	ND	--	--
Benzene, 1,2,3-trimethyl-	--	ND	ND	--	--
Benzene, 1,2,3,4-tetramethyl-	--	ND	ND	--	--
Butane, 2-Methyl-	--	ND	2.22 NJ	--	--
Cyclohexane	--	ND	ND	--	--
Cyclohexane,1,1-dimethyl-	--	ND	ND	--	--
Cyclohexane,1,1,3-trimethyl-	--	ND	2.46 NJ	--	--
Cyclohexene, 3-methyl-	--	66 NJ	ND	--	--
Cyclohexene, 4-methyl-	--	47 NJ	4.35 NJ	--	--
Cyclopentane	--	48 NJ	ND	--	--
Cyclopentane, methyl-	--	81 NJ	14.9 NJ	--	--
Cyclopentane, 1,3-dimethyl-	--	ND	ND	--	--
1,4-Pentadiene, 3,3-dimethyl-	--	ND	ND	--	--
Ethylidenecyclobutane	--	ND	ND	--	--
Isopropylcyclobutane	--	ND	ND	--	--
Cyclohexane, 1,3-dimethyl-,cis-	--	ND	ND	--	--
Cyclohexane,4-methyl-	--	ND	ND	--	--
Cyclohexane, ethyl-	--	56 NJ	ND	--	--
Cyclobutane, (1-methylethylidene)-	--	39 NJ	ND	--	--
Cyclohexene	--	ND	ND	--	--
Cyclohexene, 1-methyl-	--	ND	ND	--	--
Indan, 1-methyl-	--	194 NJ	ND	--	--
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	ND	ND	--	--
Hexane	--	ND	ND	--	--
1-Pentane	--	ND	ND	--	--
Pentane, 2-methyl-	--	ND	ND	--	--
Pentane, 3-methyl-	--	ND	ND	--	--
Indane	--	ND	26 NJ	--	--
Pentane	--	ND	1.79 NJ	--	--
Sulfur Dioxide	--	ND	ND	--	--
Unknown Benzene	--	ND	11.92 J	--	--
Unknown Aromatic(s)	--	ND	13.58 J	--	--
Unknown Cyclohexane	--	ND	ND	--	--
Unknown Cycloalkane(s)	--	ND	4.06 J	--	--
Unknown(s)	--	ND	17.01 J	--	--
Total TICs	--	801	98.29	--	--
Semivolatile Organic Compounds (SVOCs) - ug/L					
2-Methylnaphthalene	**--**	0.94 J	--	--	--
Acenaphthene	**20**	ND	--	--	--
Acenaphthylene	**--**	ND	--	--	--
Acetophenone	**--**	6	--	--	--
Anthracene	**50**	ND	--	--	--
Benzaldehyde	**--**	ND	--	--	--
Benzo(a)anthracene	**0.002**	ND	--	--	--
Benzo(a)pyrene	**ND**	ND	--	--	--
Benzo(b)fluoranthene	**0.002**	ND	--	--	--
Benzo(ghi)perylene	**--**	ND	--	--	--
Benzo(k)fluoranthene	**0.002**	ND	--	--	--
Benzoic acid	**--**	ND	--	--	--
Bis(2-ethylhexyl) phthalate	**5**	ND	--	--	--
Butyl benzyl phthalate	**50**	ND	--	--	--
Carbazole	**--**	ND	--	--	--
Caprolactam	**--**	ND	--	--	--
Chrysene	**0.002**	ND	--	--	--
Dibenzo(a,h)anthracene	**--**	ND	--	--	--
Dibenzofuran	**--**	ND	--	--	--
Diethyl phthalate	**50**	ND	--	--	--
Di-n-butylphthalate	**50**	ND	--	--	--
Fluoranthene	**50**	ND	--	--	--
Fluorene	**50**	0.7 J	--	--	--
Hexachlorobenzene	**--**	ND	--	--	--
Indeno(1,2,3-cd)pyrene	**0.002**	ND	--	--	--
Isophorone	**50**	ND	--	--	--
Naphthalene	**10**	ND	--	--	--
Pentachlorophenol	**1**	ND	--	--	--
Phenanthrene	**50**	0.63 J	--	--	--
Phenol	**1**	ND	--	--	--
Pyrene	**50**	ND	--	--	--
Total SVOCs	**--**	8.27	--	--	--
SVOCs Tentatively Identified Compounds (TICs)- ug/L					
1-Phenyl-1-butene	--	ND	--	--	--
1h-Indene, 2,3-dihydro-5-methyl-	--	17 NJ	--	--	--
Aldol Condensates	--	ND	--	--	--
Benzene, 1,2,4,-trimethyl-	--	ND	--	--	--
Benzene, 1,2,4,5-tetramethyl-	--	38 NJ	--	--	--
Benzene, 1,3-diethyl-	--	16 NJ	--	--	--
Benzene, 1-ethyl-2-methyl-	--	ND	--	--	--
Benzene, (1-methylethyl)-	--	31 NJ	--	--	--
Benzene, (1-methylpropyl)-	--	15 NJ	--	--	--
Benzene, 1-methyl-2-(1-methylethyl)-	--	ND	--	--	--
Benzene, 1-ethyl-2,3-dimethyl-	--	52 NJ	--	--	--
Benzene, 1,4-diethyl-	--	23 NJ	--	--	--
Benzene, propyl-	--	30 NJ	--	--	--
Caffeine	--	ND	--	--	--
Cyclic Octaatomic Sulfur	--	ND	--	--	--
Cyclohexane, 1,1,2,3-tetramethyl-	--	ND	--	--	--
Cyclohexane, 1,1,3-trimethyl-	--	ND	--	--	--
Cyclohexane, ethyl-	--	ND	--	--	--
Cyclohexane, propyl-	--	ND	--	--	--
Erucylamide	--	19 NJB	--	--	--
Indane	--	80 NJ	--	--	--
n-Hexadecanoic acid	--	16 NJB	--	--	--
Octane, 2,6-dimethyl-	--	ND	--	--	--
Octane, 3-methyl-	--	ND	--	--	--
Unknown Alcohol	--	ND	--	--	--
Unknown Aldehyde	--	ND	--	--	--
Unknown Alkane	--	ND	--	--	--
Unknown Amide	--	ND	--	--	--
Unknown Benzene	--	ND	--	--	--
Unknown Cycloalkane	--	ND	--	--	--
Unknown Cyclohexane	--	ND	--	--	--
Unknown Cyclopentene	--	ND	--	--	--
Unknown Furan	--	ND	--	--	--
Unknown Organic Acid	**--**	ND	--	--	--
Unknown Phenol	**--**	ND	--	--	--
Unknown Siloxane	**--**	ND	--	--	--
Unknown	**--**	318 JB	--	--	--
Total TICs	**--**	655	--	--	--

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-4 and MW-5R has/have been routinely dry.
4. MW-4 decommissioned in accordance with NYSDEC CP-43 on April 24, 2023.

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.

BENCHMARK TURNKEY

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)
		11/9/14	11/15/17	5/12/18	4/6/19	11/2/19	7/2/20	11/7/20	5/23/21	1/8/22	6/12/2022	10/30/2022	4/24/2023	6/12/2022
Volatile Organic Compounds (VOCs) - ug/L														
1,1 Dichloroethane	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	**60**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	**--**	ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Proplybenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene, Total	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	--	ND	ND	ND	ND	3.03 J	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	ND	ND	ND	ND
Benzene, cyclopropyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-3-(1-methylethyl)-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3-trimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,3,4-tetramethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,1,1,3-trimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 3-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 4-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclopentane, 1,3-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Pentadiene, 3,3-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylidenecyclobutane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylcyclobutane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,3-dimethyl-,cis-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane,4-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclobutane, (1-methylethylidene)-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexene, 1-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indan, 1-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H-Indene, 2,3-dihydro-2,2-dimethyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Pentane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 2-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane, 3-methyl-	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfur Dioxide	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Aromatic(s)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cycloalkane(s)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown(s)	--	--	ND	1.41 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total TICs	--	--	ND	1.41 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - ug/L														
2-Methylnaphthalene	**--**	ND	--	ND	ND	0.1 J	ND	0.03 J	ND	ND	ND	ND	ND	ND
Acenaphthene	**20**	ND	--	ND	ND	ND	ND	ND	ND	ND	0.14	ND	ND	ND
Acenaphthylene	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**50**	ND	--	ND	ND	ND	ND	ND	ND	ND	0.14	ND	ND	ND
Benzaldehyde	**--**	0.54 JB	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	ND	--	ND	ND	ND	ND	ND	**0.03 J**	ND	**0.17**	ND	ND	ND
Benzo(a)pyrene	**ND**	ND	--	ND	ND	ND	ND	ND	**0.02 J**	ND	**0.15**	ND	**0.02 J**	ND
Benzo(b)fluoranthene	**0.002**	ND	--	ND	ND	ND	ND	ND	**0.02 J**	ND	**0.27**	ND	**0.03 J**	**0.01 J**
Benzo(ghi)perylene	**--**	ND	--	ND	ND	ND	ND	ND	0.02 J	ND	0.18	ND	0.02 J	ND
Benzo(k)fluoranthene	**0.002**	ND	--	ND	ND	ND	ND	ND	ND	ND	**0.07 J**	ND	ND	ND
Benzoic acid	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**5**	4.5 JB	--	**6.4 B**	ND	ND	ND	1.5 J	1.5 J	ND	ND	ND	ND	ND
Butyl benzyl phthalate	**50**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	**0.002**	ND	--	ND	**0.02 J**	ND	ND	**0.01 J**	**0.02 J**	ND	**0.2**	ND	**0.01 J**	ND
Dibenzo(a,h)anthracene	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	0.04 J	ND	ND	ND
Dibenzofuran	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	**50**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**50**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	0.43 J	ND	ND
Fluoranthene	**50**	ND	--	ND	ND	ND	ND	ND	0.04 J	ND	0.53	ND	0.03 J	0.02 J
Fluorene	**50**	ND	--	ND	0.03 J	ND	ND	ND	ND	ND	0.14	ND	ND	ND
Hexachlorobenzene	**--**	ND	--	ND	ND	ND	ND	ND	ND	ND	**0.12 J**	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	ND	--	ND	ND	ND	ND	ND	**0.01 J**	ND	**0.16**	ND	0.01 J	ND
Isophorone	**50**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**10**	ND	--	ND	ND	ND	ND	ND	ND	ND	0.56	0.06 J	ND	ND
Pentachlorophenol	**1**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**50**	ND	--	ND	0.07 J	ND	ND	ND	0.03 J	ND	0.44	ND	ND	0.02 J
Phenol	**1**	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**50**	ND	--	ND	ND	ND	ND	ND	0.03 J	ND	0.42	ND	0.03 J	ND
Total SVOCs	**--**	5.04	--	6.4	0.12	0.1	ND	1.54	1.72	ND	3.73	0.49	0.15	0.05
SVOCs Tentatively Identified Compounds (TICs)- ug/L														
1-Phenyl-1-butene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1h-Indene, 2,3-dihydro-5-methyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldol Condensates	--	--	--	31.7 J	226.5 J	10.7 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,-trimethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,2,4,5-tetramethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,3-diethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2-methyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylethyl)-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, (1-methylpropyl)-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-methyl-2-(1-methylethyl)-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1-ethyl-2,3-dimethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, 1,4-diethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene, propyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caffeine	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclic Octaatomic Sulfur	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,2,3-tetramethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, 1,1,3-trimethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, ethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane, propyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Erucylamide	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexadecanoic acid	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 2,6-dimethyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octane, 3-methyl-	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Alcohol	--	--	--	ND	ND	ND	ND	2.14 J	ND	ND	16	ND	ND	ND
Unknown Aldehyde	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.68
Unknown Alkane	--	--	--	ND	ND	ND	ND	11.27 J	ND	3.78 J	66.13 J	ND	42.48 J	54.02
Unknown Amide	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Benzene	--	--	--	ND	ND	ND	ND	3.27 J	ND	ND	ND	ND	ND	11.1
Unknown Cycloalkane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclohexane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Cyclopentene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Furan	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Organic Acid	**--**	--	--	ND	1.93 J	1.6 J	2.62 J	3.89 J	ND	8.25 J	5.38 J	ND	ND	6.11
Unknown Phenol	**--**	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown Siloxane	**--**	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Unknown	**--**	--	--	ND	1.64 J	2.4 J	17.98 J	13.45 J	ND	1.78 J	43.42 J	ND	54.79 JB	31.41
Total TICs	**--**	--	--	31.7 J	230.07 J	14.7 J	20.6 J	34.02 J	ND	13.81 J	131 J	ND	97.27 J	105 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-4 and MW-5R has/have been routinely dry.
4. MW-4 decommissioned in accordance with NYSDEC CP-43 on April 24, 2023.

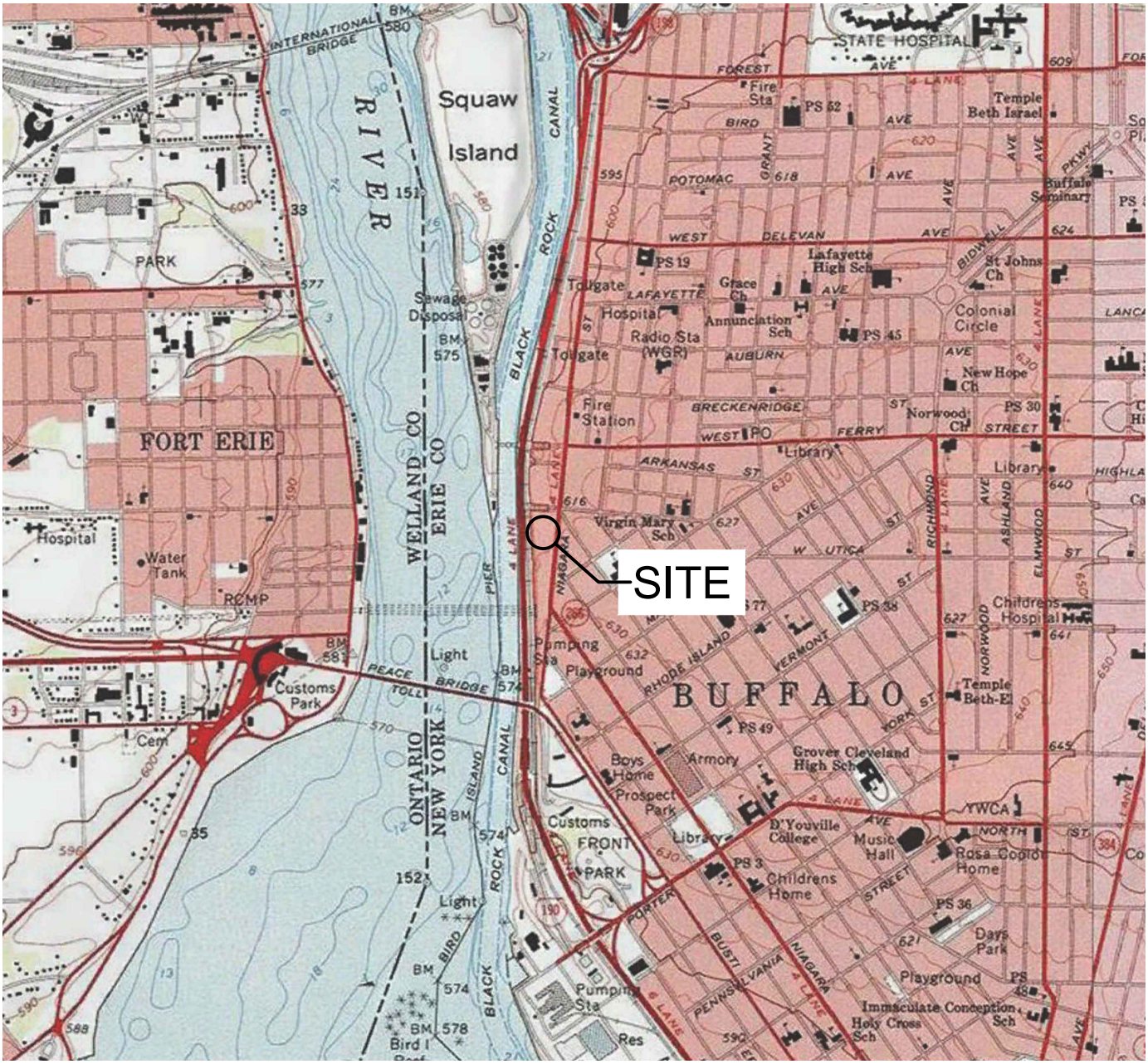
Qualifiers:

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.

FIGURES

FIGURE 1

F:\CAD\TurnKey\Ellicott Development\1050-1088 Niagara St\PRR\2023\Figure 1 - Site Location and Vicinity Map.dwg



N

2000' 0' 2000' 4000'

SCALE: 1 INCH = 2000 FEET
SCALE IN FEET
(approximate)

BENCHMARK IN ASSOCIATION WITH TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0136-020-002

DATE: MAY 2023

DRAFTED BY: CMS

SITE LOCATION AND VICINITY MAP

PERIODIC REVIEW REPORT

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

PREPARED FOR

9271 GROUP, LLC

F:\CAD\TurnKey\Ellicott Development\1050-1088 Niagara St\PRR\2023\Figure 2 - Site Plan (Aerial).dwg

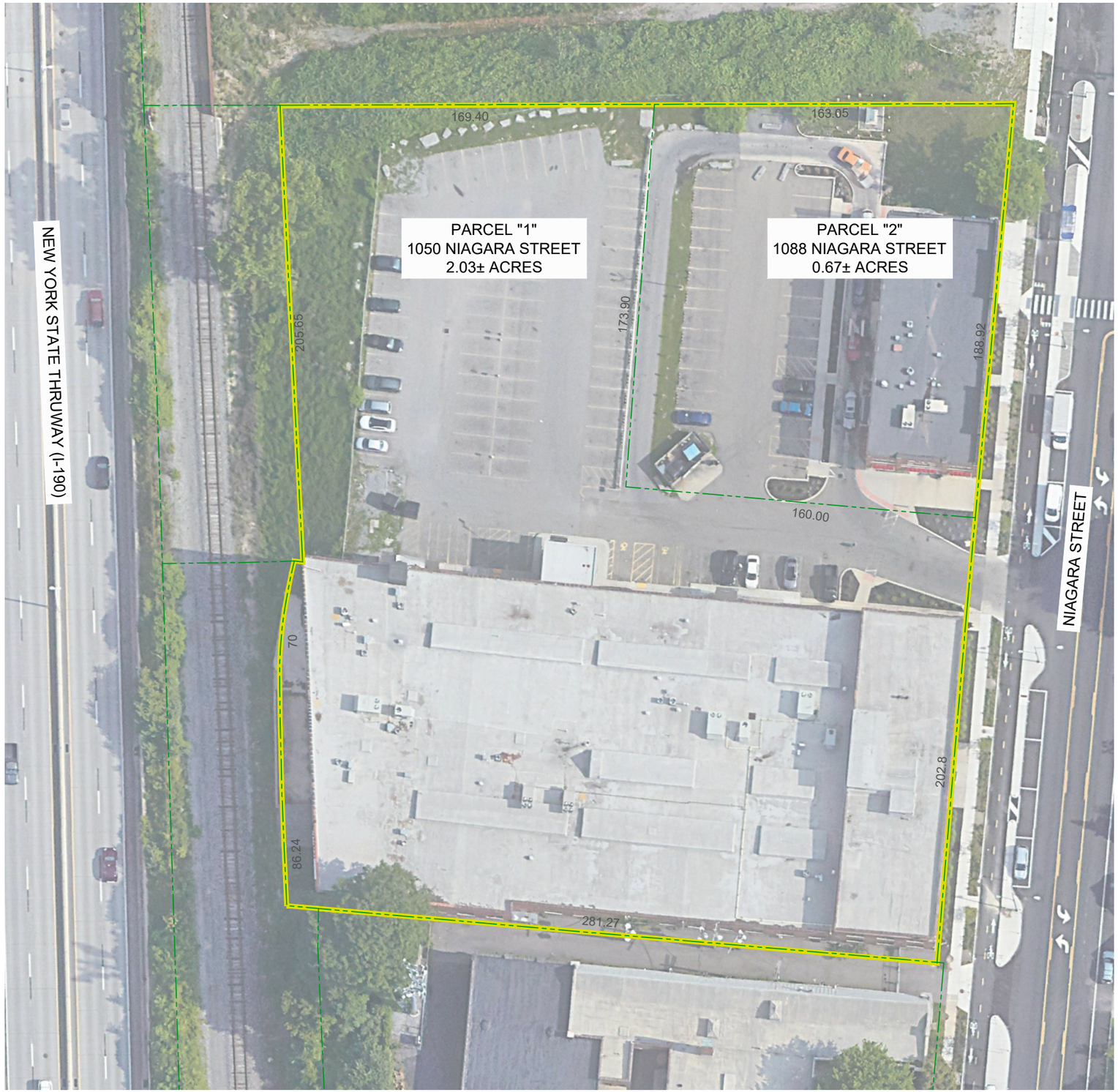
LEGEND:

BCP SITE BOUNDARY

PARCEL BOUNDARY

NOTE:

- PARCEL INFORMATION PER SURVEY BY KHEOPS ARCHITECTURE, ENGINEERING & SURVEY, DPC REVISED MAY 16, 2017.
- ERIE COUNTY REAL ESTATE ONLY REVISES TAX MAPS AND ISSUES S.B.L. NUMBERS BI-ANNUALLY, AND AT THE TIME OF THIS REPORT, THE NEWLY RECONFIGURED PARCELS HAVE NOT BEEN UPDATED BY ERIE COUNTY. WHEN ERIE COUNTY UPDATES THE DATABASE, A COPY OF THE PARCEL REPORTS WILL BE PROVIDED TO THE DEPARTMENT.
- AERIAL IMAGE PROVIDED BY GOOGLE EARTH DATED JULY 2021.



N

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

DATE: MAY 2023
DRAFTED BY: CMS

TURNKEY ENVIRONMENTAL RESTORATION, LLC
IN ASSOCIATION WITH
BENCHMARK
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218,
(716) 856-0599

JOB NO.: 0136-020-002

SITE PLAN (AERIAL)

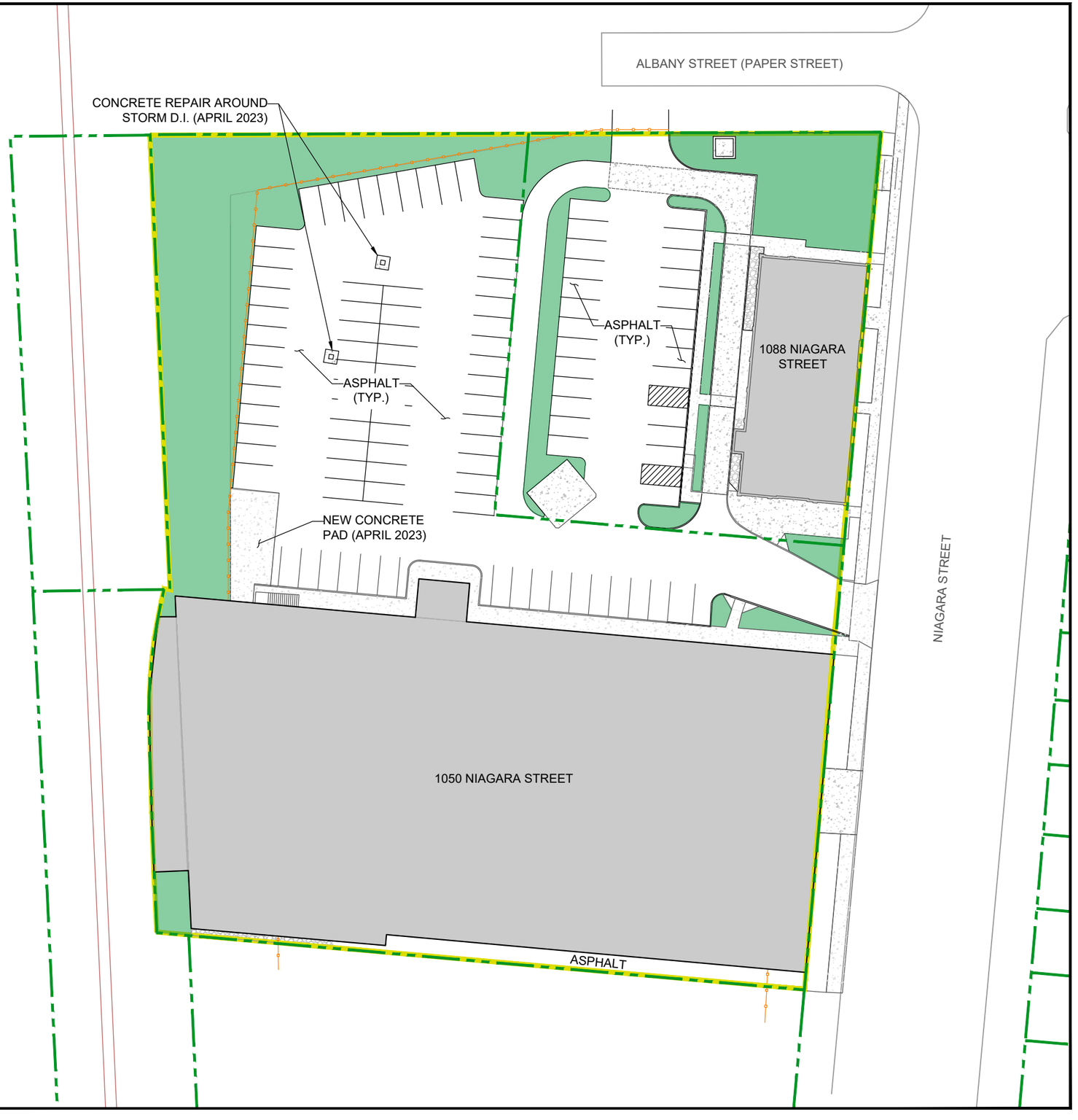
PERIODIC REVIEW REPORT
1050-1088 NIAGARA STREET
BCP SITE NO. C915277
BUFFALO, NEW YORK
PREPARED FOR
9271 GROUP, LLC

FIGURE 2

F:\CAD\TurnKey\Ellicott Development\1050-1088 Niagara St\PRR\2023\Figure 3 - Cover System Layout.dwg

LEGEND:

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



N

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

DATE: JULY 2022
DRAFTED BY: CMS

TURNKEY ENVIRONMENTAL RESTORATION, LLC
IN ASSOCIATION WITH
BENCHMARK

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218,
(716) 856-0599

JOB NO.: 0136-013-005

COVER SYETM LAYOUT

PERIODIC REVIEW REPORT

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

PREPARED FOR
9271 GROUP, LLC

FIGURE 3

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 OCTOBER 30, 2022.

N

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

DATE: MAY 2023
DRAFTED BY: CMS

F:\CAD\TurnKey\Ellicott Development\1050-1088 Niagara St\PRR\2023\Figure 4A: Groundwater Network and Isopotential_October 2022.dwg

TurnKey Environmental Restoration, LLC
In Association With
Benchmark

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218,
(716) 856-0599

JOB NO.: 0136-013-005

GROUNDWATER NETWORK AND ISOPOTENTIAL (OCTOBER 2022)

PERIODIC REVIEW REPORT

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

PREPARED FOR
9271 GROUP, LLC

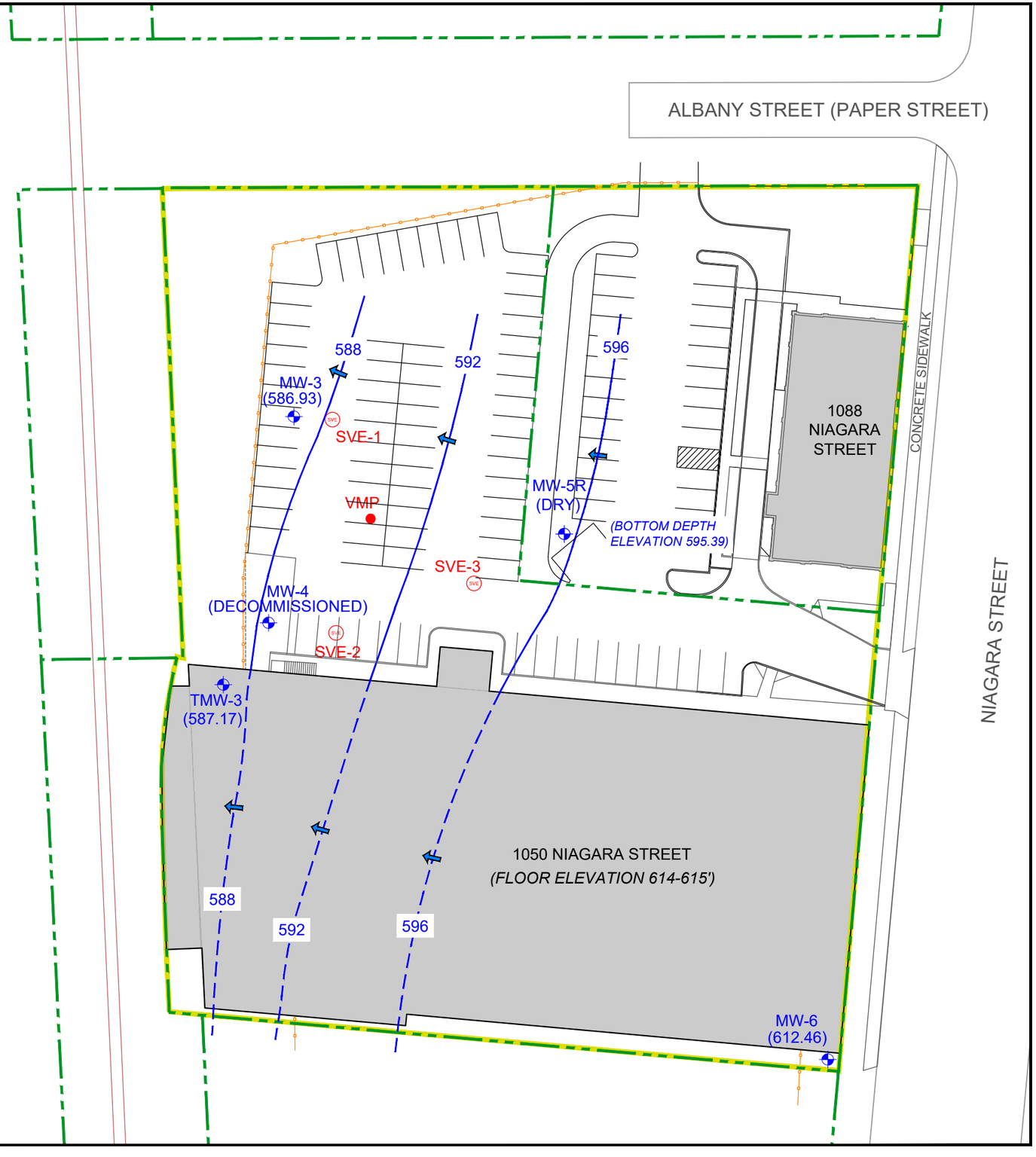
FIGURE 4A

F:\CAD\TurnKey\Ellicott Development\1050-1088 Niagara St\PRR\2023\Figure 4B; Groundwater Network and Isopotential_April 2023.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 APRIL 24, 2023.



N

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

DATE: MAY 2023
DRAFTED BY: CMS

TURNKEY ENVIRONMENTAL RESTORATION, LLC
IN ASSOCIATION WITH
BENCHMARK

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218,
(716) 856-0599

JOB NO.: 0136-013-005

GROUNDWATER NETWORK AND ISOPOTENTIAL (APRIL 2023)

PERIODIC REVIEW REPORT

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

PREPARED FOR
9271 GROUP, LLC

FIGURE 4B

APPENDIX A

NYSDEC CERTIFICATION AND NOTIFICATION FORMS

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, 2022 to July 31, 2023

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

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

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

	YES	NO
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 O&M 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

Parcel	Engineering Control
• Cover consisting of hardscape or clean soil • 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
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative _____ Date _____

IC CERTIFICATIONS
SITE NO. 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 Paladino at 295 Main St, Ste 700 Buffalo NY 14203
print name print business address

am certifying as Owner 9271 Group, LLC (Owner or Remedial Party)

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

[signature], Manager 8/30/23
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Thomas H. Forbes, P.E. at 2558 Hamburg Turnpike, Buffalo, NY 14218,
print name print business address

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

STATE OF NEW YORK
THOMAS H. FORBES
No. 70350-1
LICENSED PROFESSIONAL ENGINEER

9-8-23

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

Stamp (Required for PE)

Date

APPENDIX B

SITE PHOTO LOG

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: View of groundwater well decommissioning activities at MW-4.

Photo 2: Final view of the decommissioned groundwater well MW-4.

Photo 3: Preparation of cover system repair around storm drainage inlet (typ. of 2).

Photo 4: View of subbase preparation for new concrete pad.

1050-1088 Niagara Street Site
BCP Site No. C915277

Photo Date: April 24 and 27, 2023

BENCHMARK TURNKEY

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: View of new concrete cover around storm drainage inlet (typ. of 2).

Photo 6: View of new concrete pad.

Photo 7: View of the asphalt cover system within the 1088 Niagara Street parcel – facing south

Photo 8: View of the soil cover system within the 1088 Niagara Street parcel – facing southeast

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: View of the asphalt and concrete cover system within the 1050 Niagara Street parcel – facing south

Photo 10: View of the soil cover system within the 1050 Niagara Street parcel – facing northeast

Photo 11: View of the dead and removed knotweed along the northern Site boundary – facing east

Photo 12: View of stabilized embankment along the western property boundary – facing southeast

SITE PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

Photo 16:

Photo 13: View of the stabilized bank and stone cover along the southern property boundary – facing west

Photo 14: View of the asphalt cover system along the southern property boundary – facing west

Photo 15: View of typical landscaping within the 1050 Niagara Street parcel – facing southeast

Photo 16: View of typical landscaping and asphalt cover – facing north

APPENDIX C

GROUNDWATER MONITORING SAMPLING LOGS

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: 1050-1088 NIAGARA Date: 10/30/22

Location: Project No.: Field Team: CS

Well No. MW-3 | Diameter (inches): 2" | Sample Date / Time: 10/30/22 1035

Product Depth (fbTOR): | Water Column (ft): 2.07 | DTW when sampled: 28.72

DTW (static) (fbTOR): 26.65 | One Well Volume (gal): 0.34 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample

Total Depth (fbTOR): 28.72 | Total Volume Purged (gal): 1.01 | 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
835	0 Initial	—	9.82	11.3	5302	25.4	2.74	47	CLEAR VERY
844	1 DRY	0.5	10.20	11.6	5303	184	2.46	-33	FAINT ODOR
930	2 DRY	1.0	9.83	13.3	3909	77.1	3.48	-38	
1000	3 DRY	1.5	9.76	13.2	3927	37.7	3.31	-71	
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1035	S1 DRY	1.75	9.74	13.5	3783	58.0	3.43	-82	
1045	S2 27.53	2.00	9.74	13.7	3787	67.4	3.12	-85	

Well No. TMW-3 | Diameter (inches): 1" | Sample Date / Time: 10/30/22 1015

Product Depth (fbTOR): | Water Column (ft): 4.21 | DTW when sampled: 15.06

DTW (static) (fbTOR): 10.85 | One Well Volume (gal): 0.17 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample

Total Depth (fbTOR): 15.06 | Total Volume Purged (gal): 0.52 | 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
913	0 Initial	—	7.35	13.8	2117	71000	5.29	141	TURBID
916	1 11.71	0.2	7.54	14.3	1894	71000	5.13	140	NO ODOR
920	2 14.51	0.4	7.48	14.5	1733	71000	3.53	141	
924	3 DRY	0.6	7.48	14.8	1673	71000	3.67	137	
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1015	S1 DRY	0.7	7.49	14.7	1710	>1000	3.78	140	"
1025	S2 DRY	0.8	7.50	14.4	1724	>1000	3.91	138	

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

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: 1050-1088 NIAGARA Date: 10/30/22

Location: Project No.: Field Team: CS

Well No. MW-6			Diameter (inches): 2"			Sample Date / Time: 10/30/22			
Product Depth (fbTOR):			Water Column (ft): 6.99			DTW when sampled:			
DTW (static) (fbTOR): ~~9.96~~ 9.95			One Well Volume (gal): 1.14			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 16.94			Total Volume Purged (gal): 3.42			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
			26						
1055	0 Initial	—	8.~~15~~	16.6	1864	47.0	4.50	9	CLEAR NO
1100	1 11.90	1.20	7.66	17.1	1822	>1000	4.39	50	ODOR 4
1104	2 14.02	2.40	7.52	16.9	1906	>1000	4.40	76	TURBID
1108	3 14.64	3.60	7.52	16.9	1895	>1000	4.23	86	
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1115	S1 14.84	3.80	7.50	16.9	1893	>1000	3.58	90	
11~~15~~ 24	S2 13.97	4.00	7.51	17.0	1897	>1000	3.81	94	

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:

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

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 1050-1088 NIACARA

Project No.: T0136-013-025

Client: ELLICOTT

Date: 10/30/22

Instrument Source: ☒ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	830	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☐ 6243003 ☐ 6223973 ☒	CS	4.00 7.00 10.01	4.00 7.00 10.01	
☒ Turbidity meter	NTU	831	Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) ☐ 13120C030432 (Q) ☒ 17110C062619 (Q) ☐	CS	10 NTU verification < 0.4 20 100 800	9.62	
☒ Sp. Cond. meter	uS mS	830	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☒ 6243003 ☐ 6223973 ☐	CS	7000 mS @ 25 °C	6994	
☐ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☒ Dissolved Oxygen	ppm	833	HACH Model HQ30d	080700023281 ☐ 100500041867 ☒ 140200100319 ☐	CS	100% Satuartion	100% 97.8 SLOPE	
☐ Particulate meter	mg/m³					zero air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: CS **DATE:** 10/30/22

GROUNDWATER FIELD FORM

Project Name: 1050-1088 NIALAMA
Location: Project No.:
Date: 4/24/23
Field Team: CS

Well No. TMW-3
Product Depth (fbTOR):
DTW (static) (fbTOR): 11.14
Total Depth (fbTOR): 15.08
Diameter (inches): 1"
Water Column (ft): 3.94
One Well Volume (gal): 0.16
Total Volume Purged (gal): 0.48
Sample Date / Time: 4/24/23 1245
DTW when sampled: 15.08
Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Purge Method: BA

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1220	0	Initial	—	7.30	12.8	7893	127	2.47	175	SLIGHT TURBID
1225	1	13.52	0.2	7.28	13.0	5130	>1000	[illegible]	163	NO ODOR
1230	2	DRY	0.4	7.31	13.1	5540	>1000	3.87 4.46	172	
1235	3	DRY	0.6	7.32	13.1	5615	>1000	3.52	175	
	4									
	5									
	6									
	7									
	8									
	9									
	10									

Sample Information:

1245	S1 DRY	0.7	7.27	13.0	5412	>1000	3.67	187	
1250	S2 DRY	0.89	7.29	13.2	5278	>1000	3.75	180	

Well No. MW-3
Product Depth (fbTOR):
DTW (static) (fbTOR): 26.51
Total Depth (fbTOR): 28.78
Diameter (inches): 2"
Water Column (ft): 2.27
One Well Volume (gal): 0.37
Total Volume Purged (gal): 1.11
Sample Date / Time: 1323 4/24/23
DTW when sampled: 28.29
Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Purge Method: BA

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1303	0	Initial	—	9.09	11.6	2955	47.4	2.52	149	CLEAR NO
1309	1	28.21	0.50	9.26	11.6	2883	25.7	2.60	111	ODOR TO
1313	2	DRY	1.00	9.26	11.5	2870	38.3	2.75	102	FAINT ODOR
1316	3	28.05	1.50	9.29	10.9	2836	33.9	2.64	97	
	4									
	5									
	6									
	7									
	8									
	9									
	10									

Sample Information:

1323	S1 28.29	2.00	9.27	10.7	2810	46.7	2.70	87	
1330	S2 28.15	2.25	9.23	10.8	2833	48.5	2.63	85	

REMARKS:

Note: All 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

GROUNDWATER FIELD FORM

Project Name: 1050-1088 NIAGARA
Location: Project No.:
Date: 4/24/23
Field Team: CS

Well No. MW-6			Diameter (inches): 2			Sample Date / Time: 1430 4/24/23			
Product Depth (fbTOR):			Water Column (ft): 7.37			DTW when sampled: 13.78			
DTW (static) (fbTOR): 9.55			One Well Volume (gal): 1.20			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 16.92			Total Volume Purged (gal): 3.60			Purge Method: BA			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1410	0 Initial	—	8.01	10.7	2330	76.4	4.37	114	CLEAR NO
1415	1 10.72	1.20	8.08	10.8	2170	7000	4.90	122	ODOR
1420	2 12.10	2.40	7.76	10.8	2071	>1000	4.32	126	
1425	3 13.25	3.60	7.69	10.8	2012	>1000	4.50	127	
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1430	S1 13.78	3.80	7.71	10.9	2112	71000	4.27	125	
1440	S2 12.99	4.00	7.65	10.8	2043	>1000	4.34	132	

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:

Note: All 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

TH MW-3 12:45
MW-3 13:33

TurnKey Environmental Restoration, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 1050-1058 HANCOCK

Project No.:

Client:

Date: 4/24/23

Instrument Source: ☐ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	1145	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☒ 6243003 ☐ 6223973 ☐	CS	4.00 7.00 10.01	4.00 7.00 10.01	
☒ Turbidity meter	NTU	1150	Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) ☐ 13120C030432 (Q) ☒ 17110C062619 (Q) ☐	CS	10 NTU verification <0.4 20 100 800	12.0 20.3 109 845	10.1 AFTER CAL.
☒ Sp. Cond. meter	uS mS	1145	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	1155	HACH Model HQ30d	080700023281 ☐ 100500041867 ☐ 140200100319 ☐	CS	100% Satuartion	100% 105.2 SLOPE	
☐ Particulate meter	mg/m^3					zero air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: CS **DATE:** 4/24/23

APPENDIX D

LABORATORY ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

Lab Number:	L2260874
Client:	Turnkey Environmental Restoration, LLC 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	150-1088 NIAGARA ST SITE
Project Number:	T0136-013-005
Report Date:	11/14/22

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

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

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2260874-01	TMW-3	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 10:15	10/31/22
L2260874-02	MW-3	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 10:35	10/31/22
L2260874-03	MW-6	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 11:15	10/31/22
L2260874-04	TRIP BLANK	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 00:00	10/31/22

Project Name:	150-1088 NIAGARA ST SITE	**Lab Number:**	L2260874
Project Number:	T0136-013-005	**Report Date:**	11/14/22

Case Narrative

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

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

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

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

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

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

Project Name:	150-1088 NIAGARA ST SITE	**Lab Number:**	L2260874
Project Number:	T0136-013-005	**Report Date:**	11/14/22

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2260874-02D: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

L2260874-02D: The analysis was performed utilizing a compromised vial.

Semivolatile Organics

The WG1707483-1 Method Blank, associated with L2260874-01 through -03, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/14/22

ORGANICS

VOLATILES

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01 Date Collected: 10/30/22 10:15
Client ID: TMW-3 Date Received: 10/31/22
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/10/22 03:12
Analyst: MJV

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

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01 Date Collected: 10/30/22 10:15

Client ID: TMW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	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	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	111		70-130

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02 D
Client ID: MW-3
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 10:35
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/11/22 09:05
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	25		ug/l	1.0	0.32	2
Toluene	3.4	J	ug/l	5.0	1.4	2
Ethylbenzene	3.1	J	ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Trichloroethene	ND		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02 D Date Collected: 10/30/22 10:35

Client ID: MW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	1.4	2
p/m-Xylene	3.4	J	ug/l	5.0	1.4	2
o-Xylene	1.5	J	ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	6.7	J	ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	48		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	150		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	100		ug/l	20	0.79	2

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02 D Date Collected: 10/30/22 10:35

Client ID: MW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	510	J	ug/l			2
Unknown	41.9	J	ug/l			2
Unknown	59.6	J	ug/l			2
Unknown Cycloalkane	25.5	J	ug/l			2
Unknown	50.2	J	ug/l			2
Unknown Aromatic	52.1	J	ug/l			2
Unknown	27.7	J	ug/l			2
Unknown Aromatic	77.1	J	ug/l			2
Cyclopentane, Methyl-	97.9	NJ	ug/l			2
Unknown	42.9	J	ug/l			2
Unknown Benzene	34.6	J	ug/l			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	89		70-130

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-03 Date Collected: 10/30/22 11:15
Client ID: MW-6 Date Received: 10/31/22
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/10/22 03:32
Analyst: MJV

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

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-03 Date Collected: 10/30/22 11:15

Client ID: MW-6 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
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	98		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	112		70-130

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-04
Client ID: TRIP BLANK
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 00:00
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/13/22 01:15
Analyst: MJV

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

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-04 Date Collected: 10/30/22 00:00

Client ID: TRIP BLANK Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
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						
Total TIC Compounds	3.34	J	ug/l			1
Unknown	3.34	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/09/22 22:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1710388-5					
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: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/09/22 22:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1710388-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
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					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/09/22 22:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1710388-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	113		70-130

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/11/22 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1711484-5					
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: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/11/22 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1711484-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
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

No Tentatively Identified Compounds ND ug/l

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/11/22 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1711484-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/12/22 19:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1711834-5					
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: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/12/22 19:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1711834-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
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

No Tentatively Identified Compounds ND ug/l

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/12/22 19:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1711834-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1710388-3 WG1710388-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	95		98		63-132	3		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	80		83		63-130	4		20
1,1,2-Trichloroethane	89		91		70-130	2		20
Tetrachloroethene	95		97		70-130	2		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	85		84		62-150	1		20
1,2-Dichloroethane	93		95		70-130	2		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	91		94		67-130	3		20
trans-1,3-Dichloropropene	77		81		70-130	5		20
cis-1,3-Dichloropropene	82		87		70-130	6		20
Bromoform	72		74		54-136	3		20
1,1,2,2-Tetrachloroethane	84		92		67-130	9		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	120		130		64-130	8		20
Bromomethane	60		61		39-139	2		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE

Project Number: T0136-013-005

Lab Number: L2260874

Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1710388-3 WG1710388-4								
Chloroethane	90		86		55-138	5		20
1,1-Dichloroethene	84		82		61-145	2		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	83		89		63-130	7		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	110		110		58-148	0		20
Carbon disulfide	66		64		51-130	3		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	84		92		59-130	9		20
2-Hexanone	93		100		57-130	7		20
Bromochloromethane	91		95		70-130	4		20
1,2-Dibromoethane	83		88		70-130	6		20
1,2-Dibromo-3-chloropropane	81		88		41-144	8		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	84		88		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1710388-3 WG1710388-4								
1,2,4-Trichlorobenzene	86		86		70-130	0		20
Methyl Acetate	100		110		70-130	10		20
Cyclohexane	120		110		70-130	9		20
1,4-Dioxane	96		114		56-162	17		20
Freon-113	85		80		70-130	6		20
Methyl cyclohexane	93		94		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		95		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	113		113		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1711484-3 WG1711484-4								
Methylene chloride	94		97		70-130	3		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	96		99		70-130	3		20
Carbon tetrachloride	93		96		63-132	3		20
1,2-Dichloropropane	99		100		70-130	1		20
Dibromochloromethane	90		91		63-130	1		20
1,1,2-Trichloroethane	93		94		70-130	1		20
Tetrachloroethene	93		96		70-130	3		20
Chlorobenzene	97		99		75-130	2		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	96		99		67-130	3		20
Bromodichloromethane	93		94		67-130	1		20
trans-1,3-Dichloropropene	95		97		70-130	2		20
cis-1,3-Dichloropropene	95		96		70-130	1		20
Bromoform	81		81		54-136	0		20
1,1,2,2-Tetrachloroethane	92		93		67-130	1		20
Benzene	98		99		70-130	1		20
Toluene	97		100		70-130	3		20
Ethylbenzene	97		100		70-130	3		20
Chloromethane	100		100		64-130	0		20
Bromomethane	95		100		39-139	5		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1711484-3 WG1711484-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	93		98		61-145	5		20
trans-1,2-Dichloroethene	94		97		70-130	3		20
Trichloroethene	87		90		70-130	3		20
1,2-Dichlorobenzene	96		99		70-130	3		20
1,3-Dichlorobenzene	98		99		70-130	1		20
1,4-Dichlorobenzene	96		98		70-130	2		20
Methyl tert butyl ether	92		96		63-130	4		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	95		97		70-130	2		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	96		100		58-148	4		20
Carbon disulfide	95		98		51-130	3		20
2-Butanone	100		100		63-138	0		20
4-Methyl-2-pentanone	92		97		59-130	5		20
2-Hexanone	100		110		57-130	10		20
Bromochloromethane	98		99		70-130	1		20
1,2-Dibromoethane	97		99		70-130	2		20
1,2-Dibromo-3-chloropropane	84		90		41-144	7		20
Isopropylbenzene	96		97		70-130	1		20
1,2,3-Trichlorobenzene	90		94		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1711484-3 WG1711484-4								
1,2,4-Trichlorobenzene	92		96		70-130	4		20
Methyl Acetate	96		98		70-130	2		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	114		120		56-162	5		20
Freon-113	98		100		70-130	2		20
Methyl cyclohexane	98		100		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		95		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1711834-3 WG1711834-4								
Methylene chloride	91		90		70-130	1		20
1,1-Dichloroethane	97		100		70-130	3		20
Chloroform	91		96		70-130	5		20
Carbon tetrachloride	97		100		63-132	3		20
1,2-Dichloropropane	96		96		70-130	0		20
Dibromochloromethane	96		97		63-130	1		20
1,1,2-Trichloroethane	92		92		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	97		98		75-130	1		20
Trichlorofluoromethane	94		97		62-150	3		20
1,2-Dichloroethane	95		95		70-130	0		20
1,1,1-Trichloroethane	95		98		67-130	3		20
Bromodichloromethane	89		92		67-130	3		20
trans-1,3-Dichloropropene	83		85		70-130	2		20
cis-1,3-Dichloropropene	86		88		70-130	2		20
Bromoform	88		91		54-136	3		20
1,1,2,2-Tetrachloroethane	85		86		67-130	1		20
Benzene	93		94		70-130	1		20
Toluene	94		94		70-130	0		20
Ethylbenzene	93		95		70-130	2		20
Chloromethane	88		89		64-130	1		20
Bromomethane	**20**	Q	**28**	Q	39-139	**33**	Q	20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE

Project Number: T0136-013-005

Lab Number: L2260874

Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1711834-3 WG1711834-4								
Chloroethane	92		92		55-138	0		20
1,1-Dichloroethene	93		96		61-145	3		20
trans-1,2-Dichloroethene	96		99		70-130	3		20
Trichloroethene	85		88		70-130	3		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	96		99		70-130	3		20
1,4-Dichlorobenzene	96		99		70-130	3		20
Methyl tert butyl ether	82		82		63-130	0		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	97		98		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	83		86		36-147	4		20
Acetone	76		76		58-148	0		20
Carbon disulfide	60		60		51-130	0		20
2-Butanone	82		90		63-138	9		20
4-Methyl-2-pentanone	92		92		59-130	0		20
2-Hexanone	86		89		57-130	3		20
Bromochloromethane	110		120		70-130	9		20
1,2-Dibromoethane	95		96		70-130	1		20
1,2-Dibromo-3-chloropropane	81		86		41-144	6		20
Isopropylbenzene	90		93		70-130	3		20
1,2,3-Trichlorobenzene	88		99		70-130	12		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1711834-3 WG1711834-4								
1,2,4-Trichlorobenzene	95		100		70-130	5		20
Methyl Acetate	92		94		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	112		116		56-162	4		20
Freon-113	97		99		70-130	2		20
Methyl cyclohexane	93		94		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	86		89		70-130
Dibromofluoromethane	101		100		70-130

SEMIVOLATILES

Project Name: 150-1088 NIAGARA ST SITE
Lab Number: L2260874
Project Number: T0136-013-005
Report Date: 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01
Client ID: TMW-3
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 10:15
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/03/22 15:16
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.53	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01 Date Collected: 10/30/22 10:15

Client ID: TMW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	19.8	J	ug/l			1
Unknown	1.93	J	ug/l			1
Unknown	1.85	J	ug/l			1
Unknown Alcohol	2.11	JB	ug/l			1
Unknown Alkane	2.58	JB	ug/l			1
Unknown Alkane	2.07	JB	ug/l			1
Unknown Furan	1.78	JB	ug/l			1
Unknown Organic Acid	7.45	JB	ug/l			1

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01 Date Collected: 10/30/22 10:15

Client ID: TMW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	62		41-149

Project Name: 150-1088 NIAGARA ST SITE
Lab Number: L2260874
Project Number: T0136-013-005
Report Date: 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01
Client ID: TMW-3
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 10:15
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/10/22 16:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:38

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

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-01 Date Collected: 10/30/22 10:15

Client ID: TMW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	54		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	71		41-149

Project Name: 150-1088 NIAGARA ST SITE
Lab Number: L2260874
Project Number: T0136-013-005
Report Date: 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02
Client ID: MW-3
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 10:35
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/03/22 15:42
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02 Date Collected: 10/30/22 10:35

Client ID: MW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02 Date Collected: 10/30/22 10:35

Client ID: MW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	252	J	ug/l			1
Indane	78.9	NJ	ug/l			1
Unknown	14.8	J	ug/l			1
Unknown	7.96	J	ug/l			1
Unknown	11.4	J	ug/l			1
Unknown	28.5	J	ug/l			1
Unknown	7.71	J	ug/l			1
Unknown Alcohol	13.9	J	ug/l			1
Unknown Benzene	12.3	J	ug/l			1
Unknown Benzene	9.20	J	ug/l			1
Unknown Benzene	17.2	J	ug/l			1
Unknown Cycloalkane	10.5	J	ug/l			1
Unknown Cycloalkane	8.11	J	ug/l			1
Unknown Cyclohexene	11.4	J	ug/l			1
Unknown Cyclopentene	8.14	J	ug/l			1
Unknown Organic Acid	11.9	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	63		41-149

Project Name: 150-1088 NIAGARA ST SITE
Lab Number: L2260874
Project Number: T0136-013-005
Report Date: 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02
Client ID: MW-3
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 10:35
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/10/22 17:11
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.53		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.11		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.05	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-02 Date Collected: 10/30/22 10:35

Client ID: MW-3 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	62		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	74		41-149

Project Name: 150-1088 NIAGARA ST SITE
Lab Number: L2260874
Project Number: T0136-013-005
Report Date: 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-03
Client ID: MW-6
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 11:15
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/03/22 16:08
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.43	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-03 Date Collected: 10/30/22 11:15

Client ID: MW-6 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1
Tentatively Identified Compounds						
Total TIC Compounds	13.9	J	ug/l			1
Unknown	2.00	JB	ug/l			1
Unknown Alkane	2.91	JB	ug/l			1
Unknown Alkane	2.11	JB	ug/l			1
Unknown Furan	6.91	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	63		41-149

Project Name: 150-1088 NIAGARA ST SITE
Lab Number: L2260874
Project Number: T0136-013-005
Report Date: 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-03
Client ID: MW-6
Sample Location: 150-1088 NIAGARA ST, BUFFALO, NY

Date Collected: 10/30/22 11:15
Date Received: 10/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/10/22 17:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:38

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

Project Name: 150-1088 NIAGARA ST SITE **Lab Number:** L2260874

Project Number: T0136-013-005 **Report Date:** 11/14/22

SAMPLE RESULTS

Lab ID: L2260874-03 Date Collected: 10/30/22 11:15

Client ID: MW-6 Date Received: 10/31/22

Sample Location: 150-1088 NIAGARA ST, 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	34		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	76		41-149

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/03/22 13:59
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1707483-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/03/22 13:59
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1707483-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	26.2	J	ug/l
Unknown	2.51	J	ug/l
Unknown	1.56	J	ug/l
Unknown	3.16	J	ug/l
Unknown Furan	7.93	J	ug/l
Unknown Alkane	2.84	J	ug/l
Unknown	2.33	J	ug/l

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/03/22 13:59
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1707483-1					
Tentatively Identified Compounds					
Unknown	1.82	J	ug/l		
Unknown Alkane	2.22	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	68		41-149

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/03/22 13:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1707484-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005
Lab Number: L2260874
Report Date: 11/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/03/22 13:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/03/22 02:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1707484-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

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 Batch: WG1707483-2 WG1707483-3								
Bis(2-chloroethyl)ether	59		64		40-140	8		30
3,3'-Dichlorobenzidine	50		58		40-140	15		30
2,4-Dinitrotoluene	53		63		48-143	17		30
2,6-Dinitrotoluene	49		58		40-140	17		30
4-Chlorophenyl phenyl ether	53		63		40-140	17		30
4-Bromophenyl phenyl ether	53		57		40-140	7		30
Bis(2-chloroisopropyl)ether	53		58		40-140	9		30
Bis(2-chloroethoxy)methane	57		64		40-140	12		30
Hexachlorocyclopentadiene	48		52		40-140	8		30
Isophorone	52		58		40-140	11		30
Nitrobenzene	52		58		40-140	11		30
NDPA/DPA	57		66		40-140	15		30
n-Nitrosodi-n-propylamine	53		61		29-132	14		30
Bis(2-ethylhexyl)phthalate	64		72		40-140	12		30
Butyl benzyl phthalate	54		62		40-140	14		30
Di-n-butylphthalate	58		68		40-140	16		30
Di-n-octylphthalate	61		67		40-140	9		30
Diethyl phthalate	54		63		40-140	15		30
Dimethyl phthalate	52		59		40-140	13		30
Biphenyl	60		68		40-140	13		30
4-Chloroaniline	**39**	Q	**33**	Q	40-140	17		30
2-Nitroaniline	52		61		52-143	16		30
3-Nitroaniline	49		58		25-145	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

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 Batch: WG1707483-2 WG1707483-3								
4-Nitroaniline	**50**	Q	58		51-143	15		30
Dibenzofuran	61		71		40-140	15		30
1,2,4,5-Tetrachlorobenzene	55		63		2-134	14		30
Acetophenone	59		68		39-129	14		30
2,4,6-Trichlorophenol	52		61		30-130	16		30
p-Chloro-m-cresol	50		56		23-97	11		30
2-Chlorophenol	60		66		27-123	10		30
2,4-Dichlorophenol	60		66		30-130	10		30
2,4-Dimethylphenol	50		59		30-130	17		30
2-Nitrophenol	64		72		30-130	12		30
4-Nitrophenol	35		39		10-80	11		30
2,4-Dinitrophenol	49		51		20-130	4		30
4,6-Dinitro-o-cresol	49		56		20-164	13		30
Phenol	44		49		12-110	11		30
2-Methylphenol	55		64		30-130	15		30
3-Methylphenol/4-Methylphenol	55		62		30-130	12		30
2,4,5-Trichlorophenol	54		60		30-130	11		30
Carbazole	59		69		55-144	16		30
Atrazine	61		73		40-140	18		30
Benzaldehyde	60		67		40-140	11		30
Caprolactam	20		21		10-130	5		30
2,3,4,6-Tetrachlorophenol	57		66		40-140	15		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

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 Batch: WG1707483-2 WG1707483-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		57		21-120
Phenol-d6	42		49		10-120
Nitrobenzene-d5	52		59		23-120
2-Fluorobiphenyl	56		65		15-120
2,4,6-Tribromophenol	47		53		10-120
4-Terphenyl-d14	56		66		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

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 Batch: WG1707484-2 WG1707484-3								
Acenaphthene	72		78		40-140	8		40
2-Chloronaphthalene	73		78		40-140	7		40
Fluoranthene	72		76		40-140	5		40
Hexachlorobutadiene	69		73		40-140	6		40
Naphthalene	73		77		40-140	5		40
Benzo(a)anthracene	77		81		40-140	5		40
Benzo(a)pyrene	84		85		40-140	1		40
Benzo(b)fluoranthene	82		82		40-140	0		40
Benzo(k)fluoranthene	78		84		40-140	7		40
Chrysene	80		79		40-140	1		40
Acenaphthylene	74		79		40-140	7		40
Anthracene	74		80		40-140	8		40
Benzo(ghi)perylene	88		89		40-140	1		40
Fluorene	73		80		40-140	9		40
Phenanthrene	74		80		40-140	8		40
Dibenzo(a,h)anthracene	88		94		40-140	7		40
Indeno(1,2,3-cd)pyrene	92		94		40-140	2		40
Pyrene	74		76		40-140	3		40
2-Methylnaphthalene	73		78		40-140	7		40
Pentachlorophenol	97		94		40-140	3		40
Hexachlorobenzene	75		83		40-140	10		40
Hexachloroethane	74		78		40-140	5		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

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 Batch: WG1707484-2 WG1707484-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		75		21-120
Phenol-d6	59		64		10-120
Nitrobenzene-d5	107		112		23-120
2-Fluorobiphenyl	75		79		15-120
2,4,6-Tribromophenol	107		115		10-120
4-Terphenyl-d14	72		74		41-149

Project Name: 150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

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(*)
L2260874-01A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-01B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-01C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-01D	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260874-01E	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260874-02A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-02B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-02C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-02D	Amber 250ml unpreserved	A	10	10	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260874-02E	Amber 250ml unpreserved	A	10	10	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260874-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-03C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-03D	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260874-03E	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2260874-04A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2260874-04B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	150-1088 NIAGARA ST SITE	**Lab Number:**	L2260874
Project Number:	T0136-013-005	**Report Date:**	11/14/22

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:	150-1088 NIAGARA ST SITE	**Lab Number:**	L2260874
Project Number:	T0136-013-005	**Report Date:**	11/14/22

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:	150-1088 NIAGARA ST SITE	**Lab Number:**	L2260874
Project Number:	T0136-013-005	**Report Date:**	11/14/22

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	150-1088 NIAGARA ST SITE	**Lab Number:**	L2260874
Project Number:	T0136-013-005	**Report Date:**	11/14/22

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 11/01/22

ALPHA Job #: L2260874

Client Information
Client: TURNKEY
Address: 2558 HAMBURG TRPK
BUFFALO, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@bm-tk.com

Project Information
Project Name: 1050-1058 NIAGARA ST SITE
Project Location: 1050-1058 NIAGARA ST, BUFFALO, NY
Project #: T0136-013-005
(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

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

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 SVOC +TICs	Total Bottle	Sample Specific Comments
00874 -01	TMW-3	10/30/22	1015	A2VA	CB	X	X	5	
-02	MW-3		1035			X	X	5	
-03	MW-6		1115			X	X	5	
-04	TRIP BLANK		—			X		2	

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

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

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

Container Type	V	A							
Preservative	B	A							

Relinquished By:	Date/Time	Received By:	Date/Time
Chad M. Schust	10/31/22 911	AAL	10/31/22 1530
AAL	10/31/22 1625	Unattended	11/1/22 00:05

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

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

ANALYTICAL REPORT

Lab Number:	L2322160
Client:	Turnkey Environmental Restoration, LLC 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1050-1088 NIAGARA ST SITE
Project Number:	T0136-020-002
Report Date:	05/09/23

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

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

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2322160-01	TMW-3	WATER	BUFFALO, NY	04/24/23 12:45	04/25/23
L2322160-02	MW-3	WATER	BUFFALO, NY	04/24/23 13:33	04/25/23
L2322160-03	MW-6	WATER	BUFFALO, NY	04/24/23 15:10	04/25/23
L2322160-04	TRIP BLANK	WATER	BUFFALO, NY	04/24/23 12:00	04/25/23

Project Name:	1050-1088 NIAGARA ST SITE	**Lab Number:**	L2322160
Project Number:	T0136-020-002	**Report Date:**	05/09/23

Case Narrative

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

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

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

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

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

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

Project Name:	1050-1088 NIAGARA ST SITE	**Lab Number:**	L2322160
Project Number:	T0136-020-002	**Report Date:**	05/09/23

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

The WG1772738-1 Method Blank, associated with L2322160-01 through -03, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

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: Cristin Walker

Title: Technical Director/Representative Date: 05/09/23

ORGANICS

VOLATILES

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01
Client ID: TMW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 12:45
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/28/23 16:18
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	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: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01 Date Collected: 04/24/23 12:45

Client ID: TMW-3 Date Received: 04/25/23

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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
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	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 1050-1088 NIAGARA ST SITE
Lab Number: L2322160
Project Number: T0136-020-002
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 13:33
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/28/23 17:30
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	28		ug/l	0.50	0.16	1
Toluene	3.9		ug/l	2.5	0.70	1
Ethylbenzene	2.6		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: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02 Date Collected: 04/24/23 13:33

Client ID: MW-3 Date Received: 04/25/23

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	0.70	1
p/m-Xylene	3.9		ug/l	2.5	0.70	1
o-Xylene	1.8	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	48		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	220	E	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	180		ug/l	10	0.40	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02 Date Collected: 04/24/23 13:33

Client ID: MW-3 Date Received: 04/25/23

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	579	J	ug/l			1
Unknown Cycloalkane	32.6	J	ug/l			1
Unknown	66.2	J	ug/l			1
Unknown	26.9	J	ug/l			1
Unknown Aromatic	47.1	J	ug/l			1
Unknown Aromatic	75.7	J	ug/l			1
Cyclohexene	38.4	NJ	ug/l			1
Indane	126	NJ	ug/l			1
Unknown Benzene	29.8	J	ug/l			1
Unknown	32.8	J	ug/l			1
Cyclopentane, Methyl-	103	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	87		70-130

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02 D
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 13:33
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/04/23 01:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Cyclohexane	250		ug/l	25	0.68	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 15:10
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/28/23 16:42
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: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03 Date Collected: 04/24/23 15:10

Client ID: MW-6 Date Received: 04/25/23

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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
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	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-04
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 12:00
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/28/23 17:06
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: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-04 Date Collected: 04/24/23 12:00

Client ID: TRIP BLANK Date Received: 04/25/23

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	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	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						
Total TIC Compounds	1.36	J	ug/l			1
Unknown	1.36	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/28/23 09:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1773063-5					
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: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/28/23 09:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1773063-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
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	1.34	J	ug/l
Unknown	1.34	J	ug/l

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/28/23 09:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1773063-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/03/23 19:38
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1774769-5					
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: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/03/23 19:38
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1774769-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
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

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/03/23 19:38
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1774769-5					

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE

Project Number: T0136-020-002

Lab Number: L2322160

Report Date: 05/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1773063-3 WG1773063-4								
Methylene chloride	120		110		70-130	9		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	120		120		70-130	0		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	120		120		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	120		120		70-130	0		20
Toluene	120		120		70-130	0		20
Ethylbenzene	120		110		70-130	9		20
Chloromethane	110		110		64-130	0		20
Bromomethane	81		68		39-139	17		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE

Project Number: T0136-020-002

Lab Number: L2322160

Report Date: 05/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1773063-3 WG1773063-4								
Chloroethane	**140**	Q	**150**	Q	55-138	7		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	120		110		70-130	9		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	120		120		70-130	0		20
1,3-Dichlorobenzene	120		110		70-130	9		20
1,4-Dichlorobenzene	120		120		70-130	0		20
Methyl tert butyl ether	120		120		63-130	0		20
p/m-Xylene	115		115		70-130	0		20
o-Xylene	110		115		70-130	4		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	110		115		70-130	4		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	96		100		58-148	4		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	110		100		63-138	10		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	100		100		57-130	0		20
Bromochloromethane	120		110		70-130	9		20
1,2-Dibromoethane	120		110		70-130	9		20
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Isopropylbenzene	120		110		70-130	9		20
1,2,3-Trichlorobenzene	120		110		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1773063-3 WG1773063-4								
1,2,4-Trichlorobenzene	120		110		70-130	9		20
Methyl Acetate	120		110		70-130	9		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	122		120		56-162	2		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	120		120		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	99		103		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1774769-3 WG1774769-4								
Methylene chloride	98		100		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	98		97		70-130	1		20
Carbon tetrachloride	93		91		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	86		90		63-130	5		20
1,1,2-Trichloroethane	94		98		70-130	4		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	98		98		75-130	0		20
Trichlorofluoromethane	100		90		62-150	11		20
1,2-Dichloroethane	94		98		70-130	4		20
1,1,1-Trichloroethane	95		92		67-130	3		20
Bromodichloromethane	90		91		67-130	1		20
trans-1,3-Dichloropropene	90		90		70-130	0		20
cis-1,3-Dichloropropene	92		92		70-130	0		20
Bromoform	77		83		54-136	8		20
1,1,2,2-Tetrachloroethane	89		92		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	99		98		70-130	1		20
Ethylbenzene	98		96		70-130	2		20
Chloromethane	97		97		64-130	0		20
Bromomethane	75		73		39-139	3		20
Vinyl chloride	95		90		55-140	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE

Project Number: T0136-020-002

Lab Number: L2322160

Report Date: 05/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1774769-3 WG1774769-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	96		92		61-145	4		20
trans-1,2-Dichloroethene	97		95		70-130	2		20
Trichloroethene	95		93		70-130	2		20
1,2-Dichlorobenzene	98		99		70-130	1		20
1,3-Dichlorobenzene	96		97		70-130	1		20
1,4-Dichlorobenzene	98		98		70-130	0		20
Methyl tert butyl ether	90		97		63-130	7		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	95		95		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	87		79		36-147	10		20
Acetone	81		90		58-148	11		20
Carbon disulfide	97		95		51-130	2		20
2-Butanone	85		96		63-138	12		20
4-Methyl-2-pentanone	87		94		59-130	8		20
2-Hexanone	78		89		57-130	13		20
Bromochloromethane	96		99		70-130	3		20
1,2-Dibromoethane	91		95		70-130	4		20
1,2-Dibromo-3-chloropropane	78		87		41-144	11		20
Isopropylbenzene	94		93		70-130	1		20
1,2,3-Trichlorobenzene	91		95		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1774769-3 WG1774769-4								
1,2,4-Trichlorobenzene	96		98		70-130	2		20
Methyl Acetate	90		99		70-130	10		20
Cyclohexane	100		94		70-130	6		20
1,4-Dioxane	104		116		56-162	11		20
Freon-113	98		94		70-130	4		20
Methyl cyclohexane	100		91		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	101		102		70-130

SEMIVOLATILES

Project Name: 1050-1088 NIAGARA ST SITE
Lab Number: L2322160
Project Number: T0136-020-002
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01
Client ID: TMW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 12:45
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/01/23 20:33
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	3.6	J	ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01 Date Collected: 04/24/23 12:45

Client ID: TMW-3 Date Received: 04/25/23

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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01 Date Collected: 04/24/23 12:45

Client ID: TMW-3 Date Received: 04/25/23

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	179	J	ug/l			1
Unknown	4.58	JB	ug/l			1
Unknown	11.8	JB	ug/l			1
Unknown	12.5	JB	ug/l			1
Unknown	4.44	J	ug/l			1
Unknown	6.22	J	ug/l			1
Unknown	4.80	J	ug/l			1
Unknown	5.64	J	ug/l			1
Unknown	6.47	J	ug/l			1
Unknown Alkane	11.1	J	ug/l			1
Unknown Alkane	27.2	J	ug/l			1
Unknown Alkane	17.1	J	ug/l			1
Unknown Alkane	6.40	J	ug/l			1
Unknown Benzene	13.0	J	ug/l			1
Unknown Organic Acid	21.9	JB	ug/l			1
Unknown Organic Acid	25.7	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	47		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01
Client ID: TMW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 12:45
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/30/23 18:37
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.56		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.16		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.25		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.39		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.52		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.14		ug/l	0.10	0.01	1
Chrysene	0.37		ug/l	0.10	0.01	1
Acenaphthylene	0.04	J	ug/l	0.10	0.01	1
Anthracene	0.07	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.36		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.43		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.08	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.27		ug/l	0.10	0.01	1
Pyrene	0.48		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.18		ug/l	0.10	0.02	1
Pentachlorophenol	0.22	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-01 Date Collected: 04/24/23 12:45

Client ID: TMW-3 Date Received: 04/25/23

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	49		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	63		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 13:33
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/01/23 20:56
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02 Date Collected: 04/24/23 13:33

Client ID: MW-3 Date Received: 04/25/23

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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	1.3	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02 Date Collected: 04/24/23 13:33

Client ID: MW-3 Date Received: 04/25/23

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	278	J	ug/l			1
Indane	68.8	NJ	ug/l			1
Unknown	11.3	J	ug/l			1
Unknown	14.0	J	ug/l			1
Unknown	8.51	J	ug/l			1
Unknown	16.6	JB	ug/l			1
Unknown	21.6	J	ug/l			1
Unknown	16.4	J	ug/l			1
Unknown	9.53	J	ug/l			1
Unknown	22.9	J	ug/l			1
Unknown	16.5	J	ug/l			1
Unknown Alcohol	14.6	J	ug/l			1
Unknown Benzene	8.87	J	ug/l			1
Unknown Benzene	10.6	J	ug/l			1
Unknown Organic Acid	12.9	JB	ug/l			1
Unknown Organic Acid	25.1	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	56		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 13:33
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/30/23 18:54
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.50		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.19		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.24		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.09	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.14		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.08	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.01	1
Fluorene	0.07	J	ug/l	0.10	0.01	1
Phenanthrene	0.16		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.15		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.10	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-02 Date Collected: 04/24/23 13:33

Client ID: MW-3 Date Received: 04/25/23

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	58		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	73		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 15:10
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/01/23 21:19
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03 Date Collected: 04/24/23 15:10

Client ID: MW-6 Date Received: 04/25/23

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	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03 Date Collected: 04/24/23 15:10

Client ID: MW-6 Date Received: 04/25/23

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	175	J	ug/l			1
Unknown	6.11	J	ug/l			1
Unknown	20.0	J	ug/l			1
Unknown	16.8	JB	ug/l			1
Unknown	4.84	JB	ug/l			1
Unknown	12.0	J	ug/l			1
Unknown	4.65	J	ug/l			1
Unknown	3.89	J	ug/l			1
Unknown	8.14	J	ug/l			1
Unknown Alkane	7.20	J	ug/l			1
Unknown Alkane	19.4	J	ug/l			1
Unknown Alkane	3.78	J	ug/l			1
Unknown Alkane	12.1	J	ug/l			1
Unknown Amide	11.7	JB	ug/l			1
Unknown Organic Acid	19.1	JB	ug/l			1
Unknown Organic Acid	25.2	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	84		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/24/23 15:10
Date Received: 04/25/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/30/23 19:10
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

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

Project Name: 1050-1088 NIAGARA ST SITE **Lab Number:** L2322160

Project Number: T0136-020-002 **Report Date:** 05/09/23

SAMPLE RESULTS

Lab ID: L2322160-03 Date Collected: 04/24/23 15:10

Client ID: MW-6 Date Received: 04/25/23

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	55		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	76		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/01/23 14:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1772738-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/01/23 14:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1772738-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	76.9	J	ug/l
Unknown	5.42	J	ug/l
Unknown	2.40	J	ug/l
Unknown	14.6	J	ug/l
Unknown Organic Acid	8.00	J	ug/l
Toluene	3.13	NJ	ug/l
Unknown	1.64	J	ug/l

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/01/23 14:17
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1772738-1					
Tentatively Identified Compounds					
Unknown	3.64	J	ug/l		
Unknown	1.78	J	ug/l		
Unknown	2.65	J	ug/l		
Unknown Organic Acid	6.44	J	ug/l		
Unknown	2.80	J	ug/l		
Unknown	3.09	J	ug/l		
Unknown	3.85	J	ug/l		
Unknown	15.7	J	ug/l		
Unknown	1.71	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	54		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/30/23 12:04
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1772739-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002
Lab Number: L2322160
Report Date: 05/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/30/23 12:04
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/29/23 08:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1772739-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	66		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

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 Batch: WG1772738-2 WG1772738-3								
Bis(2-chloroethyl)ether	79		57		40-140	**32**	Q	30
3,3'-Dichlorobenzidine	70		54		40-140	26		30
2,4-Dinitrotoluene	96		67		48-143	**36**	Q	30
2,6-Dinitrotoluene	86		67		40-140	25		30
4-Chlorophenyl phenyl ether	87		65		40-140	29		30
4-Bromophenyl phenyl ether	94		72		40-140	27		30
Bis(2-chloroisopropyl)ether	68		52		40-140	27		30
Bis(2-chloroethoxy)methane	81		59		40-140	**31**	Q	30
Hexachlorocyclopentadiene	81		66		40-140	20		30
Isophorone	78		60		40-140	26		30
Nitrobenzene	80		62		40-140	25		30
NDPA/DPA	90		64		40-140	**34**	Q	30
n-Nitrosodi-n-propylamine	81		67		29-132	19		30
Bis(2-ethylhexyl)phthalate	101		72		40-140	**34**	Q	30
Butyl benzyl phthalate	99		73		40-140	30		30
Di-n-butylphthalate	93		70		40-140	28		30
Di-n-octylphthalate	97		69		40-140	**34**	Q	30
Diethyl phthalate	88		64		40-140	**32**	Q	30
Dimethyl phthalate	88		69		40-140	24		30
Biphenyl	81		62		40-140	27		30
4-Chloroaniline	54		53		40-140	2		30
2-Nitroaniline	92		68		52-143	30		30
3-Nitroaniline	78		61		25-145	24		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

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 Batch: WG1772738-2 WG1772738-3								
4-Nitroaniline	94		65		51-143	**36**	Q	30
Dibenzofuran	87		64		40-140	30		30
1,2,4,5-Tetrachlorobenzene	79		62		2-134	24		30
Acetophenone	78		57		39-129	**31**	Q	30
2,4,6-Trichlorophenol	91		75		30-130	19		30
p-Chloro-m-cresol	91		74		23-97	21		30
2-Chlorophenol	89		63		27-123	**34**	Q	30
2,4-Dichlorophenol	100		73		30-130	**31**	Q	30
2,4-Dimethylphenol	61		42		30-130	**37**	Q	30
2-Nitrophenol	94		72		30-130	27		30
4-Nitrophenol	**90**	Q	66		10-80	**31**	Q	30
2,4-Dinitrophenol	102		68		20-130	**40**	Q	30
4,6-Dinitro-o-cresol	108		81		20-164	29		30
Phenol	58		42		12-110	**32**	Q	30
2-Methylphenol	83		61		30-130	**31**	Q	30
3-Methylphenol/4-Methylphenol	86		66		30-130	26		30
2,4,5-Trichlorophenol	110		80		30-130	**32**	Q	30
Carbazole	90		67		55-144	29		30
Atrazine	109		79		40-140	**32**	Q	30
Benzaldehyde	74		60		40-140	21		30
Caprolactam	38		27		10-130	**34**	Q	30
2,3,4,6-Tetrachlorophenol	101		74		40-140	**31**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

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 Batch: WG1772738-2 WG1772738-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		55		21-120
Phenol-d6	63		46		10-120
Nitrobenzene-d5	81		57		23-120
2-Fluorobiphenyl	85		67		15-120
2,4,6-Tribromophenol	110		80		10-120
4-Terphenyl-d14	89		69		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

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 Batch: WG1772739-2 WG1772739-3								
Acenaphthene	66		53		40-140	22		40
2-Chloronaphthalene	67		54		40-140	21		40
Fluoranthene	73		60		40-140	20		40
Hexachlorobutadiene	57		46		40-140	21		40
Naphthalene	62		50		40-140	21		40
Benzo(a)anthracene	79		62		40-140	24		40
Benzo(a)pyrene	81		65		40-140	22		40
Benzo(b)fluoranthene	77		62		40-140	22		40
Benzo(k)fluoranthene	74		61		40-140	19		40
Chrysene	72		57		40-140	23		40
Acenaphthylene	75		60		40-140	22		40
Anthracene	72		58		40-140	22		40
Benzo(ghi)perylene	74		59		40-140	23		40
Fluorene	70		57		40-140	20		40
Phenanthrene	65		53		40-140	20		40
Dibenzo(a,h)anthracene	74		60		40-140	21		40
Indeno(1,2,3-cd)pyrene	74		59		40-140	23		40
Pyrene	71		58		40-140	20		40
2-Methylnaphthalene	67		54		40-140	21		40
Pentachlorophenol	74		56		40-140	28		40
Hexachlorobenzene	58		47		40-140	21		40
Hexachloroethane	64		52		40-140	21		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1050-1088 NIAGARA ST SITE

Project Number: T0136-020-002

Lab Number: L2322160

Report Date: 05/09/23

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 Batch: WG1772739-2 WG1772739-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		51		21-120
Phenol-d6	57		46		10-120
Nitrobenzene-d5	83		66		23-120
2-Fluorobiphenyl	67		54		15-120
2,4,6-Tribromophenol	91		72		10-120
4-Terphenyl-d14	66		54		41-149

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2322160-01A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-01B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-01C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-01D	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2322160-01E	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2322160-02A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-02B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-02C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-02D	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2322160-02E	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2322160-03A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-03B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-03C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-03D	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2322160-03E	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2322160-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2322160-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1050-1088 NIAGARA ST SITE	**Lab Number:**	L2322160
Project Number:	T0136-020-002	**Report Date:**	05/09/23

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1050-1088 NIAGARA ST SITE	**Lab Number:**	L2322160
Project Number:	T0136-020-002	**Report Date:**	05/09/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1050-1088 NIAGARA ST SITE	**Lab Number:**	L2322160
Project Number:	T0136-020-002	**Report Date:**	05/09/23

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1050-1088 NIAGARA ST SITE	**Lab Number:**	L2322160
Project Number:	T0136-020-002	**Report Date:**	05/09/23

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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: 4/26/23

ALPHA Job #: L2322160

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

Project Information
Project Name: 1050-1088 NIAGARA ST SITE
Project Location: BUFFALO, NY
Project # T0136-020-002
(Use Project name as Project #) ☐
Project Manager: NATE MUNLEY
ALPHAQuote #:

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

Billing Information
☒ Same as Client Info
PO #

Client Information
Client: TURNKEY ENV. REST.
Address: 2558 HAMBURG TPKE
BUFFALO, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@bm-tk.com

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

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.

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 VOC + TICs	TCL SVOC + TIC							Sample Specific Comments	Total Bottles
22160-01	TMW-3	4/24/23	1245	AQUA	CS	X	X								5
02	MW-3	↓	1333	↓	↓	X	X								5
03	MW-6	↓	1510	↓	↓	X	X								5
04	TRIP BLANK	↓	1200	↓	↓	X									2

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

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 [signature]	4/25/23 918	E. Malley	4/25/23 10:00
		[signature]	4/26/23 0000

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 E

INVASIVE SPECIES REMOVAL DOCUMENTATION

TRUGREEN COMMERCIAL

5515 - BUFFALO SOUTH, NY
100 MID COUNTY DR
ORCHARD PARK, NY, 14127
(716)662-1200

Master Form #:

Work order #: WO6618376145

CUSTOMER SERVICE INFORMATION

ELLICOTT DEVELOPMENT
5515-7002381710-L# 1088 NIAGARA ST
1088 NIAGARA ST
BUFFALO, NY, 14213
HOME: (716)854-0060

SPECIALIST INFORMATION

TRUCK ID:	106762
SPECIALIST:	9931-WILLIAM WALESZCZAK
LICENSE #:	C9901010
SUPERVISOR:	RONEY, JOHN
LICENSE #	C9823813

CUSTOMER BILLING INFORMATION

ELLICOTT DEVELOPMENT
295 MAIN ST RM 210
BUFFALO, NY, 14203
HOME: (716)854-0060

CONDITIONS

START:	
TEMP:	67 ° F
WIND:	6.6 MPH SW

TODAY'S SERVICE	DESCRIPTION	DATE	TIME
Lawn Vegetation Control	Vegetation Control	5/11/2023	2:37 PM

COMMENTS

- Thank you for choosing us to care for your property.

WHAT I DID AND WHAT TO EXPECT

- Today, I treated areas with non-selective weed controls to remove unwanted vegetation. Weeds will begin to discolor in 7-10 days. Complete control may take a few weeks.

WHAT I NOTICED

- I sprayed the entire fence line for weeds especially the knot weed

WHAT I RECOMMEND

- Have a nice day

- Thank you for choosing TruGreen. It was a pleasure to serve you today.

PRODUCTS APPLIED		TOTAL VOLUME
	VEGETATION CONTROL - POST-EMERGENT	18.00 GAL
METHOD:	Mechanical Sprayer, 2.00 GAL/1000 SQFT	
PRODUCTS:	INDUCE (ALKYL FATTY ACID) EPA#	
	RATE: 0.0050 GAL/1000 SQFT	
	APPLIED AMT: 0.0450 GAL	
	AREAS: BACK LEFT: 0.0054 GAL, BACK CENTER: 0.0054 GAL, BACK RIGHT: 0.0054 GAL, SIDE LEFT: 0.0054 GAL, SIDE RIGHT: 0.0059 GAL, FRONT LEFT: 0.0059 GAL, FRONT CENTER: 0.0059 GAL, FRONT RIGHT: 0.0059 GAL	
	FINALE XL T&O (GLUFOSINATE-AMMONIUM) EPA# 7969-464	
	RATE: 1.2626 FLOZ/1000 SQFT	
	APPLIED AMT: 11.3637 FLOZ	
	TARGETS: Annual Grassy Weeds, Annual Bluegrass, Annual Ryegrass, Annual Broadleaf Weeds, Clover, Canada Thistle, Crabgrass, Dandelion, Dollarweed, Fescue Clumps, Ground Ivy, Grassy Weeds, Henbit, Lambsquarter, Lespedeza, Oxalis, Perennial Broadleaf Weeds, Plantain, Ragweed, Sandbur, Spurge, Thistle, Tree Seedlings, Wild Onion, Violet	
	AREAS: BACK LEFT: 1.3636 FLOZ, BACK CENTER: 1.3636 FLOZ, BACK RIGHT: 1.3636 FLOZ, SIDE LEFT: 1.3636 FLOZ, SIDE RIGHT: 1.4773 FLOZ, FRONT LEFT: 1.4773 FLOZ, FRONT CENTER: 1.4773 FLOZ, FRONT RIGHT: 1.4773 FLOZ	

Thank you for your business!

Please note: This is not an invoice. For billing questions, please call 1-866-TRUGREEN.

TRUGREEN COMMERCIAL

5515 - BUFFALO SOUTH, NY
100 MID COUNTY DR
ORCHARD PARK, NY, 14127
(716)662-1200

Master Form #:

Work order #: WO6618376148

CUSTOMER SERVICE INFORMATION

ELLICOTT DEVELOPMENT
5515-7002381710-L# 1088 NIAGARA ST
1088 NIAGARA ST
BUFFALO, NY, 14213
HOME: (716)854-0060

SPECIALIST INFORMATION

TRUCK ID: 114980
SPECIALIST: 188973-DAVID PATERSON

SUPERVISOR: RONEY, JOHN
LICENSE # C9823813

CUSTOMER BILLING INFORMATION

ELLICOTT DEVELOPMENT
295 MAIN ST RM 700
BUFFALO, NY, 14203
HOME: (716)854-0060

CONDITIONS

START:
TEMP: 75 ° F
WIND: 4.4 MPH NW

TODAY'S SERVICE	DESCRIPTION	DATE	TIME
Lawn Vegetation Control	Vegetation Control	7/7/2023	11:37 AM

COMMENTS

- Thank you for choosing us to care for your property.

WHAT I DID AND WHAT TO EXPECT

- Today, I treated areas with non-selective weed controls to remove unwanted vegetation. Weeds will begin to discolor in 7-10 days. Complete control may take a few weeks.

WHAT I NOTICED

- I sprayed all Japanese not weed right and back of fence line

- Have a nice day

- Thank you for choosing TruGreen. It was a pleasure to serve you today.

PRODUCTS APPLIED		TOTAL VOLUME
	VEGETATION CONTROL - POST-EMERGENT	18.00 GAL
METHOD:	Mechanical Sprayer, 2.00 GAL/1000 SQFT	
PRODUCTS:	INDUCE (ALKYL FATTY ACID) EPA#	
	RATE: 0.0050 GAL/1000 SQFT	
	APPLIED AMT: 0.0450 GAL	
	AREAS: BACK LEFT: 0.0054 GAL, BACK CENTER: 0.0054 GAL, BACK RIGHT: 0.0054 GAL, SIDE LEFT: 0.0054 GAL, SIDE RIGHT: 0.0059 GAL, FRONT LEFT: 0.0059 GAL, FRONT CENTER: 0.0059 GAL, FRONT RIGHT: 0.0059 GAL	
	FINALE XL T&O (GLUFOSINATE-AMMONIUM) EPA# 7969-464	
	RATE: 1.2626 FLOZ/1000 SQFT	
	APPLIED AMT: 11.3637 FLOZ	
	TARGETS: Chickweed, Clover, Canada Thistle, Crabgrass, Dandelion, Ground Ivy, Henbit, Oxalis, Plantain, Poison Ivy, Poison Oak, Sedge, Thistle, Tree Seedlings, Wild Onion, Wild Carrot	
	AREAS: BACK LEFT: 1.3636 FLOZ, BACK CENTER: 1.3636 FLOZ, BACK RIGHT: 1.3636 FLOZ, SIDE LEFT: 1.3636 FLOZ, SIDE RIGHT: 1.4773 FLOZ, FRONT LEFT: 1.4773 FLOZ, FRONT CENTER: 1.4773 FLOZ, FRONT RIGHT: 1.4773 FLOZ	

Thank you for your business!

Please note: This is not an invoice. For billing questions, please call 1-866-TRUGREEN.

Chad Schuster

From: Nathan T. Munley
Sent: Wednesday, July 19, 2023 11:49 AM
To: Chad Schuster
Subject: FW: TruGreen 1088

Nathan T. Munley
Sr. Project Manager
nmunley@bm-tk.com

TurnKey Environmental Restoration, LLC
Benchmark Civil/Environmental Engineering & Geology, PLLC
www.benchmarkturnkey.com

2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
Phone: (716) 856-0635, *Mobile:* (716) 289-1072, *Facsimile:* (716) 856-0583

Strong Advocates | Effective Solutions | Integrated Implementation

---

From: Rob Banks <RBanks@ellicottdevelopment.com>
Sent: Tuesday, July 18, 2023 2:09 PM
To: Nathan T. Munley <NMunley@bm-tk.com>; Rich Giambra <RGiambra@ellicottdevelopment.com>
Subject: Fwd: TruGreen 1088

FYI.

Rob Banks
716-818-2421

Begin forwarded message:

> **From:** "Nabinger, David" <davidnabinger@trugreenmail.com>
> **Date:** July 18, 2023 at 1:26:18 PM EDT
> **To:** Rob Banks <RBanks@ellicottdevelopment.com>
> **Subject: TruGreen 1088**
>
> Good Afternoon Rob,
> My operations manager and I took a look at 1088 Niagara ST. The vegetation around the property is responding to treatments we do recommend having the landscape team cut the dead plant material down so that future applications will continue to knock down the vegetation.
> The next application will be in the first week of August.
> Please let me know if you have any questions or concerns .
> Thank you for using TruGreen.

David J. Nabinger
Business Development Representative
100 Mid County DR
Orchard Park, NY 14127
(585) 303-1524 Cell
(901) 252-2523 Fax

TRUGREEN
Live life outside.

This is a link to the product labels that may be used in your TruGreen Programs for 2023:
https://www.trugreen.com/StateRegulationHub

APPENDIX F

WELL DECOMMISSION DOCUMENTATION

TurnKey Environmental Restoration, LLC

WELL ABANDONMENT/ DECOMMISSIONING LOG

PROJECT INFORMATION	WELL INFORMATION
PROJECT/SITE NAME: 1050 - 1088 NIAGARA	WELL I.D.: MW-4
Client: 9271 CROUP	Stick-up (feet): 3'
Project Job Number: 0136-020-002	Screen Interval (fbgs): 23.5-28
Date: 4/24/25	Drilling Company: —
Weather: CLOUDY 46° WSW 7 MPH	Drill Rig Type: —
Prepared by: CS	Drilling Company Personnel: —

DECOMMISSIONING PROCEDURES (per NYSDEC DER-10)

	YES	NO
Well visibile? (If not, provide directions below)	X	
Well I.D. visible?	X	
Well location matches site map? (If not, sketch actual location on back)	X	

Well I.D. as it appears on protective casing or well: MW-4

Surface seal present?		X
Surface seal competenet? (If cracked, heaved, etc., describe below) NA		
Protective casing in good condition? (If damaged, describe below)	X	

Headspace reading (ppm) and instrument used: 2.0 PPM
Type of protective casing and height of stickup in feet (if applicable): METAL 3.5'
Protective casing material type: METAL
Measure protective casing inside diameter (inches): 4.5

Lock present?	X	
Lock functional?	X	
Did you replace the lock?		X
Is there evidence that the well is double cased? (If yes, describe below)		X
Well measuring point visible?	X	

Measure depth to water from measuring point (feet): DRY
Measure well depth from measuring point (feet): 31.5 (TOP OF RISER/STICKUP)
Measure well diameter (inches): 2"
Well casing material: PVC
Physical condition of visible well casing: OK
Attach I.D. marker (if well I.D. is confirmed) and identify marker type: —
Proximity to underground or overhead utilities: NONE

Describe access to well: (Include accessibility to truck mounted rig, natural obstructions, overhead utilities, proximity to permenant structures, etc.); Add sketch of location on back, if necessary.
FULL ACCESS

Describe well setting (for example, located in a field, in a playground, on pavement, in a garden, etc.) and assess the type of restoration required. IN STONE PORTION OF PARKING LOT. PROXIMATE TO FORMER SVE TRAILER

Identify any nearby potential sources of contamination, if present (e.g., gas station, salt pile, etc.)
NONE

Remarks:

TurnKey Environmental Restoration, LLC

WELL ABANDONMENT/ DECOMMISSIONING LOG

DECOMMISSIONING PROCEDURES (per NYSDEC DER-10) - continued

PROJECT/SITE NAME: 1250-1088 NIAGARA

WELL I.D.: MW-4

Decommissioning Data (Fill in all that apply)

Overdrillling
- Interval Drilled
- Drilling Method(s)
- Borehole Diameter (in.)
- Temp. Casing Installed? (Y/N)
- Depth temp. casing installed
- Casing type/diam (in.)
- Method of Installation

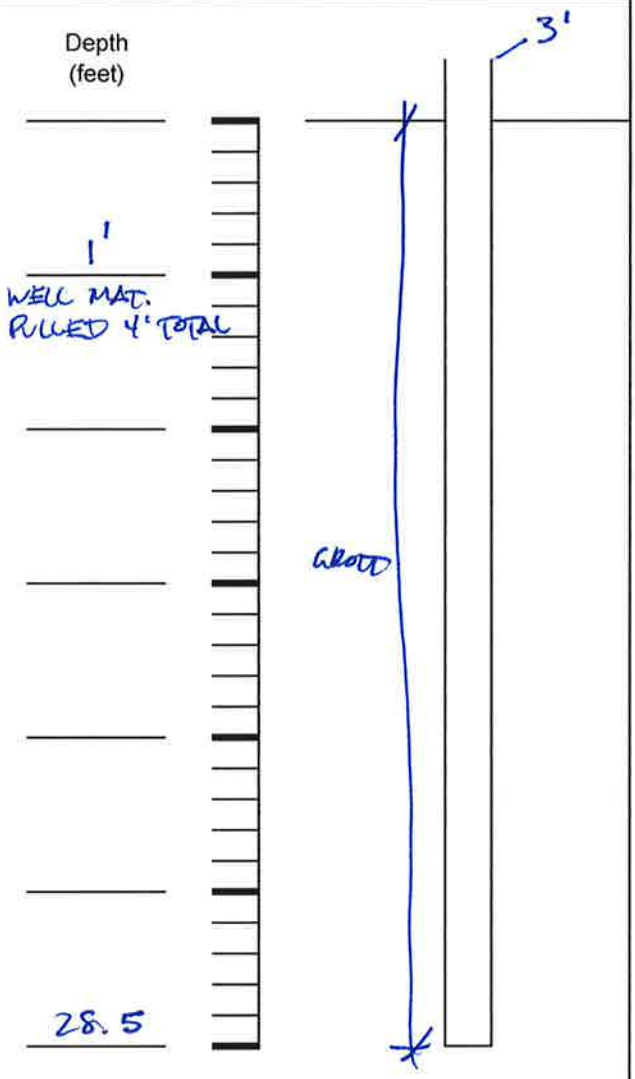
Casing Pulling
- Method employed: PULLED BY HAND
- Casing retrieved (feet): 4'
- Casing type/diam. (in.): 2" PVC

Casing Perforating
- Equipment used
- Number of perforaitons/foot
- Size of perforations
- Interval perforated

Grouting
- Interval grouted (fbgs): FILL WELL
- No. of batches prepared: 1
- For each batch record:
  - Quantity of water used (gal.): 6
  - Quantity of cement used (lbs.): 80
  - Cement type: PORTLAND
  - Quantity of bentonite used (lbs.): 2
  - Quantity of calcium chloride used (lbs.): —
  - Volume of grout prepared (gal.): ~9-10
  - Volume of grount used (gal.): 8

Comments

Well Schematic*



* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor:

Department Rep.:

APPENDIX G

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

June 6, 2023

Chad Schuster
Turnkey Environmental Restoration, LLC
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: Validation of the 1050-1088 Niagara Street Analytical Laboratory Data
Data Usability Summary Report (DUSR)
Alpha Analytical SDG Nos. L2260874 and L2322160

Dear Mr. Schuster:

Review has been completed for the data packages generated by Alpha Analytical that pertain to samples collected between 10/23/22 and 04/24/23 at the 1050-1088 Niagara Street site. Three aqueous samples were processed in each of two events for TCL volatiles, TCL semivolatiles, and Tentatively Identified Compounds (TICs). Trip blanks were also processed in each event. The analytical methodologies are USEPA SW846 8260D and 8270E (full scan and Selective Ion Monitoring {SIM}).

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 the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Method/Trip Blanks
* Matrix Spike Recoveries/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 package.

In summary, the results for the sample target analytes are usable either as reported or with minor qualification, with the exception of 1,4-dioxane in the volatile fraction of all samples, and of bromomethane in one trip blank, which are rejected due to poor instrument response.

Data completeness, laboratory accuracy and precision, representativeness, reproducibility, and comparability are acceptable. Matrix spikes and field duplicates were not processed, and therefore the effect of matrix on sample accuracy and precision has not been determined.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report are the client EDDs with recommended qualifiers/edits applied in red. The same client sample IDs were used in each event and are differentiated in the report parenthetically by collection date.

Chain-of-Custody/Sample Receipt

The custody forms associated with the samples collected in April do not include the final laboratory personnel relinquish entry.

TCL Volatile Analyses by EPA 8260D

The detected results for acetone in the samples collected in April are considered external contamination and edited to reflect non-detection due to presence in the associated trip blank.

MW-3 (October) exhibited a buffering effect that resulted in elevated pH despite acid preservation. Because pH cannot be checked until analysis, the analysis was performed beyond the allowable holding time. The results of that sample are therefore qualified as estimated, with a low bias. Additionally, due to multiple analyses of that sample, the reported analysis is from a compromised vial that had been used previously.

Surrogate and internal standard recoveries are compliant.

The results for 1,4-dioxane in the samples are rejected due to low relative responses inherent in the laboratory processing. Due to very low continuing calibration standard response (80%D), the result for bromomethane in the trip blank from October is rejected. The result for carbon disulfide in that sample is qualified as estimated due to low response (40.2%D) in that same standard. The following results are also qualified as estimated due to associated calibration standard responses outside validation guidelines:

- Bromomethane and bromoform (40%D and 28%D) in TMW-3 and MW-6 (both October)
- Chloroethane (44%D) in all samples and trip blank collected in April

TCL Semivolatile Analyses by EPA 8270E Full Scan and SIM

Blanks show no contamination of target analytes, but do show numerous TICs. The laboratory flagged those also present in the samples, and those have been removed from consideration as sample components.

The results for 4-chloroaniline in the samples collected in October have been qualified as estimated due to low recoveries (39% and 33%) in the associated LCSs.

Surrogate and internal standard recoveries are compliant. Calibration standards show responses within validation action levels. Holding times were met.

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 EDDs

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: 1050150-1088 NIAGARA ST SITE
Project Number: T0136-013-005

Lab Number: L2260874
Report Date: 11/14/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2260874-01	TMW-3	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 10:15	10/31/22
L2260874-02	MW-3	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 10:35	10/31/22
L2260874-03	MW-6	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 11:15	10/31/22
L2260874-04	TRIP BLANK	WATER	150-1088 NIAGARA ST, BUFFALO, NY	10/30/22 00:00	10/31/22

Project Name: 1050-1088 NIAGARA ST SITE
Project Number: T0136-020-002

Lab Number: L2322160
Report Date: 05/09/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2322160-01	TMW-3	WATER	BUFFALO, NY	04/24/23 12:45	04/25/23
L2322160-02	MW-3	WATER	BUFFALO, NY	04/24/23 13:33	04/25/23
L2322160-03	MW-6	WATER	BUFFALO, NY	04/24/23 15:10	04/25/23
L2322160-04	TRIP BLANK	WATER	BUFFALO, NY	04/24/23 12:00	04/25/23