Period Review Report

73 – 79 West Huron Street Site
Buffalo, New York
BCP Site No. C915282

April 28th, 2025, to April 28th, 2026, Certifying Period

July 2026

Prepared for:

75 Huron Fee, LLC

Prepared by:

Roux Environmental Engineering and Geology, D.P.C.

2558 Hamburg Turnpike, Suite 300
Buffalo, New York 14218

Environmental Consulting
& Management
+1.800.322.ROUX
rouxinc.com

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1. Introduction

Roux Environmental Engineering & Geology, D.P.C. (Roux), has prepared this Periodic Review Report (PRR) on behalf of 75 Huron Fee, LLC to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C915282, deemed the "73-79 West Huron Street Site", located in the City of Buffalo, Erie County, New York (hereinafter referred to as the "Site") (see Figure 1).

This PRR has been prepared in accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref 1). Appendix A includes the Institutional and Engineering Control (IC/EC) Certification Forms completed based on the Site inspection performed on April 7th, 2026. This PRR and associated certifications have been completed to document post remedial activities at the Site for the April 28th, 2025, to April 28th, 2026, PRR reporting period.

1.1 Site Background

The Site is approximately 0.6-acres in size and comprised of three separate parcels identified as 73-79 West Huron Street in the City of Buffalo, Erie County, New York. The three parcels include Erie County Tax Map SBLs #111.37-4-10 (73 West Huron), #111.37-4-11 (77 West Huron), and #111.37-4-17.2 (79 West Huron) (see Figures 1 and 2). The subject site is located in a commercial district in the City of Buffalo and is bound to the north by another paved parking lot, to the south by West Huron Street, and to the east by 210 Franklin Street (Curtiss Hotel) and 220 Franklin Street (Capello Salon). The properties to the west include an auto repair shop (former Sunoco), as well as a mix of commercial and office buildings. The Site is currently improved with a renovated six-story brick building (73 West Huron) and a two-story gymnasium built on piers to accommodate parking below (77 and 79 West Huron) (see Figure 2). Building renovations and the gymnasium construction activities were completed in March 2020; the building is currently used as the Emerson School of Hospitality.

The original on-site building was constructed around 1892-94 as a three-bay Romanesque-Style commercial building and horse stable with a flat roof by C.W. Miller Livery. The building was constructed with a steel frame used as structural support for the first floor with a supporting truss to suspend the remaining floors. The building was modified in 1924 with ramps to accommodate motor vehicle parking. The exterior of the building is constructed of brick and large stone blocks and consists of six floors, a roof top mechanical room, and subterranean basement. An automotive fueling station with underground storage tanks (USTs) once operated in the parking lot west of the building; however, on-site excavation confirmed that any associated tanks have since been removed. Historic operations impacted the on-Site soil, soil vapor, and groundwater with petroleum related volatile organic compounds (VOCs).

The Site, along with the adjacent parcel addressed as 181 Delaware Avenue to the west (a former Sunoco Inc. gas station) has been the subject of several environmental site assessments and subsurface investigations (soil, groundwater, and soil vapor) since 1993 and under a remedial action since 2008. Most of these remedial activities were associated with NYSDEC Spill No. 03-75208 that included the three contiguous properties of 181 Delaware (former Sonoco station) and the Hurondel Site parcels of 73 and 77 West Huron (Figure 1).

1. Iyer Environmental Group, PLLC (IEG). *Site Investigation/Interim Remedial Measure (SI/IRM) Work Plan, 73-79 West Huron Street Site, Buffalo, New York. BCP Site #C915282*. June 2015.

1.2 Remedial History

In September of 2011 the NYSDEC separated the 181 Delaware Avenue site from the three-parcel group and issued new Spill No. 11-06834 for the 73-77 Huron St. Site. In September of 2014, the 73-79 W. Huron St. Site was entered into the NYSDEC Brownfield Cleanup Program (BCP) by Hurondel I, Inc. and issued BCP site No. C915282. Remedial actions undertaken for the BCP site are as follows.

- February through April 2015 - start of BCP Site Investigations (SI) activities.
- March through December 2015 – Completion of an Interim Remedial Measures (IRM) involving impacted soil/fill excavation and backfill with low permeability soil on the western sidewall adjacent to the 181 Delaware property as further described below and, in the SI/IRM Work Plan (Ref. 2)..
- June 2016 - Completion of intrusive site investigation work for the SI/IRM.
- May 2017 - Completion of SI-IRM- Alternative Analysis (AA) Report (Ref. 3)
- March – April 2019 - Completion of Final Remedial Measures involving ASD system installation (March 2019) and final cover system construction (April 2019)
- November 2017 - Submission of Site Management Plan (SMP) (Ref. 4)
- December 2017 Final Engineering Report (Ref. 5) Submitted and NYSDEC issuance of Certificate of Completion (COC) issued.

1.2.1 IRM

IRM activities involved excavation and off-site disposal of 4,458.1 tons of petroleum-impacted soil at the Tonawanda Landfill (a NYSDEC-permitted solid waste disposal facility located in Tonawanda, New York); treatment and sanitary sewer discharge of approximately 10,000 gallons of groundwater through granular-activated carbon (GAC); confirmatory soil sampling; and backfilling with stockpiled “clean” overburden sand mixed with a low permeable clay. Twenty-four confirmatory post-excavation sidewall and 12 bottom samples were collected by IEG to verify compliance with NYSDEC Restricted Residential Soil Clean up Objectives (RRSCOs). Figures 7 through 12 from the SMP, which, illustrate IRM activities, are located in Appendix H.

Emerson Huron, LLC completed redevelopment of the Site as the Emerson School of Hospitality in March 2020

1.3 Compliance

At the time of the annual Site inspection (April 7th, 2026), the Site was fully compliant with the NYSDEC-approved SMP (Ref 4). Signed IC/EC forms can be found in Appendix A, a photolog documenting site conditions during the April 7th, 2026, site visit can be found in Appendix B. System sheets documenting monthly ASD readings can be found in Appendix C. Field forms and analytical data package can be found in Appendix D. The 2020 Spill closure report for 181 Delaware Ave (Former Sunoco Station) is located in Appendix E and Historical trend analysis for monitoring wells HMW-2, HMW-3, HMW-4, MW-10 and GSW-1 can be located in Appendix F.

During the 2025 reporting period ownership of the Site changed from Emerson Huron, LLC to 75 Huron Fee, LLC which closed and finalized the sale of the property on September 25th, 2025. Documents pertaining to the sale and change of ownership are located in Appendix I.

1.4 Recommendations

At the time of the annual Site inspection (April 7th, 2026), the Site was compliant with the NYSDEC-approved SMP (Ref 4), Following the Site inspection the ASD notification signage was updated referencing personnel from 75 Huron Fee, LLC to be contacted in the event of vacuum loss.

2. Site Overview

Previous environmental investigations completed at the Site identified contamination from past uses of the Site that required remediation. Hurondel I, Inc. entered into the BCP to further investigate and remediate the Site for future redevelopment. The remedial activities were completed in 2015, including:

- Excavation and off-site disposal of 4,458.1 tons of petroleum-impacted soil at the Tonawanda Landfill.
- Treatment and sanitary sewer discharge of approximately 10,000 gallons of groundwater through granular activated carbon (GAC).
- Removal of ACM, which included 150 linear feet (LF) of pipe insulation, 100 square feet (SF) of boiler insulation, and 2,500 SF of floor tiles and transportation with off-Site by The Environmental Service Group (NY) Inc. to Waste Management's Chaffee Landfill for disposal.

The remedial program was successful in achieving the remedial objectives for the Site. An Environmental Easement restricting end use of the Site and enforcing adherence to the SMP was filed in November 2017 and approved in December 2017. The Final Engineering Report (FER) was approved in December 2017. Concurrently, a Certificate of Completion (COC) was issued for the Site by the NYSDEC in December 2017.

3. Remedy Performance

A post-remedial site inspection involving a walk-over of the Site covered by this PRR was performed on April 7th, 2026, to visually observe and document the use of the Site for restricted residential use, confirm absence of site groundwater use, and verify performance of the SSDS system under the SMP. The Site inspection confirmed that the controls are in place and functioning as intended in accordance with the SMP.

4. Site Management Plan

A Site-wide SMP was prepared for the Site and approved by the Department in December 2017. Benchmark Environmental Engineering & Science, PLLC (now Roux) updated the SMP in October of 2021 to address the ASD system operation, maintenance and monitoring requirements. In December 2022, Benchmark prepared and submitted to the NYSDEC an errata sheet to document a change to the SMP. The errata documented changes to the reported magnehelic gauge readings incorrectly stated in previous versions of the SMP. Section 5.3 of the SMP was revised to state: "*Over the past two years, magnehelic gauge MAG-1 readings have ranged between 0.75 and 1-inches of water column (iwc) and magnehelic gauge MAG-2 readings have ranged between 1.25 and 1.9 iwc."* Key components of the SMP are described

below. Roux notes that inches of water column (iwc) is a unit of pressure, Magnehelic gauges read negative pressure differential between atmospheric pressure and vacuum caused by suction of ASD mechanism. Submitted errata sheets are located in Appendix G

4.1 Institutional and Engineering Control (IC/EC) Plan

Since soil/fill containing constituents above Restricted Residential Soil Cleanup Objectives (SCOs) and residual groundwater impact exists beneath the Site, institutional and engineering controls are required to protect human health and the environment. The IC/EC Plan describes the procedures for the implementation and management of all IC/ECs at the Site.

4.1.1 Institutional Controls

The Site has a series of Institutional Controls (ICs) in the form of site restrictions. Adherence to these ICs is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for restricted-residential, commercial, and industrial use provided that the long-term Engineering and Institutional Controls included in the SMP are employed.
- All ECs must be operated and maintained as specified in the SMP.
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Erie County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP.
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP.
- Access to the site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.
- The potential for vapor intrusion must be evaluated for any buildings developed on-site, and any potential impacts that are identified must be monitored or mitigated.
- Vegetable gardens and farming on the site are prohibited.

- An evaluation shall be performed to determine the need for further investigation and remediation should large scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.

4.1.2 Engineering Controls

There are no Engineering Controls (ECs) associated with the Site under the implemented Track 2 cleanup except for an ASD system as described in Section 4.3, below. The Site is either covered with hardscape (asphalt) or the on-site building, with no green space cover. The ASD system was observed to be in working order at the time of site inspection, readings at magnehelic gauges Mag-1 and Mag-2 (see Figure 3) were measured at 0.95 and 1.40 inches of water column, respectively.

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/fill material during any future intrusive activities. Any intrusive work that may disturb remaining contamination during maintenance or redevelopment work on the Site must be performed in compliance with the EWP and must also be conducted in accordance with a site-specific Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) meeting the minimum requirements of the sample HASP and CAMP included with the SMP.

No intrusive activities were completed during the reporting period (April 28th, 2025 to April 28th, 2026).

4.3 Active Subslab Depressurization (ASD) System

The NYSDEC-approved Site Management Plan (SMP – Ref. 4) required that measures to address sub-slab vapor concerns be undertaken if a vadose zone developed beneath the basement floor slab. Prior to renovation work the groundwater table was in contact with the basement floor. However, the renovation work involved cracking the original basement floor to mitigate settlement and installing an overlying layer of stone and a new slab above the former floor, creating a vadose zone.

Accordingly, an active sub-slab depressurization (ASD) system was designed and approved by the NYSDEC for implementation in the existing building. The ASD system was installed concurrently with interior building renovations over a one-year period, from March 2019 through March 2020 in accordance with the May 2018 Work Plan for Active Sub-slab Depressurization System Installation (Ref. 6) and the NYSDEC-approved January 2019 design drawings and specifications.

The ASD system is comprised of six extraction legs constructed with 4-inch diameter sub-slab perforated PVC pipe and solid risers located within interior partition walls. The risers are connected to the above-grade extraction system comprised of vertical piping vent stacks manifolded to one of two exhaust fans. Six vacuum monitoring points were installed through the slab and two magnehelic gauges were installed on the manifold risers in the basement to measure the instantaneous negative pressure produced by the in-line fans. Magnehelic gauges read negative pressure differential between atmospheric pressure and the negative pressure caused by the fans. As indicated in the Site Management Plan (SMP), magnehelic gauges are required to maintain a reading of .25 inches of water column (iwc) to ensure sufficient vacuum is generated by in-line fans. The system began operation in February 2020 and has operated continuously since that time.

On March 18, 2020, post-installation confirmatory testing was performed by Benchmark. Magnehelic gauge readings and vacuum port measurements indicated that the ASD system was operating properly. During the vapor assessment, performed on February 3, 2021 (see below), Benchmark verified that the ASD system fans were operating properly, as indicated by the readings on the magnehelic gauges. Figure 3 illustrates magnehelic gauge locations and readings collected April 7th, 2026 by Roux. Appendix B provides photos of the April 7th, 2026, annual magnehelic gauge pressure readings.

During April 2024 site inspection elevated vacuum readings (1.95 inches of water column as compared to typical 1.30 inches of water column) on the MAG-2 monitoring location are believed to be caused by fluctuating groundwater levels that, upon rising, partially restricted the ASD extraction piping. This caused system fans to work harder creating a higher vacuum to give elevated readings. The elevated water levels were suspected to be attributable to maintenance issues associated with a submersible pump in an offsite utility vault located in the sidewalk along W. Huron St on the south side of the building.

During the April 7th, 2026, site inspection the ASD system was working within designed parameters.

4.4 Vapor Assessment

In accordance with the May 2020 Periodic Review Report (revised June 2020), approved by the New York State Department of Environmental Conservation (NYSDEC) on June 30, 2020, indoor air and outdoor air samples were collected in February of 2021 to satisfy Site Management Plan (SMP) requirements for evaluating the efficacy of the ASD system installed in the existing building.

The vapor assessment sampling was performed on February 3, 2021. At that time, the basement of the building was in partial use by teaching staff; all student classes were on upper floors. The existing ASD and heating systems were active, and doors and windows were closed as typical for winter weather conditions. A report summarizing the sampling event was submitted to the Department under separate cover, dated March 23, 2021 (Ref. 7). Figure 3 shows the vapor assessment sample locations. Based on the findings of the assessment, no further ASD evaluation work is required for the existing building other than routine system vacuum gauge checks as indicated in the NYSDEC and NYSDOH acceptance letter dated March 29, 2021.

4.5 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines requirements for certifying and attesting that the IC/ECs employed on the Sites are unchanged from the original design and/or previous certification. The Annual Certification includes a site inspection and completion of the NYSDEC's IC/EC Certification Form. The Site inspection is intended to 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.

Formal inspection of the Site was conducted by Mr. Thomas Behrendt, of Roux on April 7th, 2026. Mr. Behrendt meets the requirements of a Qualified Environmental Professional (QEP) per 6NYCRR Part 375.12. At the time of the inspection, the Site was fully compliant with the NYSDEC-approved SMP. No observable indication of intrusive activities was noted during the Site inspection, nor was any observable use of groundwater noted during the Site inspection. Signed IC/EC forms are located in Appendix A and a photolog documenting site conditions can be found in Appendix B.

During the inspection, minimal hairline cracks on the concrete slab were observed. However, the cracks appear superficial, and do not appear to affect the performance of the ASD system. Additionally, the concrete slab overlies a vapor barrier consisting of poly-sheeting.

Magnehelic monitoring location 1 has been reading 0.90 iwc and 0.95 iwc and magnehelic monitoring location 2 has been reading between 1.25 iwc and 1.35 iwc during this inspection period. At the time of the April 7th, 2026 site inspection the magnehelic monitoring location 1 was reading approximately 0.95 iwc and magnehelic monitoring location 2 was reading approximately 1.35 iwc. It should be noted that ASD system readings were not collected in October of 2025 due to the property transfer. Recorded ASD system sheets can be found in Appendix C.

4.6 Operation, Monitoring and Maintenance Plan

An addendum to the December 2017 SMP was prepared in October of 2021.and approved by the NYSDEC. The SMP addendum describes the functional ASD system and includes procedures for routine monitoring of the ASD manometers performed by an ownership group representative In addition, signage was posted next to the MAG-1 and MAG-2 locations providing contact information and instructions for building personnel in the event the ASD system vacuum drops below 0.25 inches of water column. Updated signage with new contact numbers have been posted at the guage locations as noted in section 1.4.

5 Groundwater Monitoring

Per the SMP, two (2) years of groundwater monitoring was completed at the Site sampling monitoring wells HMW-1, HMW-2, HMW-3, HMW-4, HMW-5, HMW-6, and MW-10 and groundwater beneath the basement floor slab was sampled at groundwater sump GSW-1. The SMP required semi-annual groundwater monitoring and checks of groundwater levels beneath the basement floor slab for a period of approximately two years, then annually thereafter until the NYSDEC allows monitoring to be terminated. Sampling was not performed during the 2021 PRR reporting period as Benchmark believed the monitoring obligation was satisfied following the two (2) years of semi-annual monitoring that occurred in 2018-2020, however it was performed in 2021 and 2022. Note that in concert with building redevelopment activities GSW-1 was relocated approximately 25 feet east of its prior location.

- The NYSDECs approval letter for the PRR for the certifying period of April 28th, 2021, to April 28, 2022, included approval to remove sampling of alkalinity (as CaCO3) and perform the sampling via the use of diffusion bags (The PDB sampler is a semi-permeable, low-density polyethylene

membrane designed to allow volatile organic compounds (VOCs) to flow into the PDB until equilibrium is reached between the formation and the PDB).

- Upon NYSDEC approval of the PRR for the certifying period of April 28th, 2022, to April 28th, 2023, the Department agreed to allow discontinuance of monitoring at HMW-1 and HMW-6.

- Upon NYSDEC approval of the PRR for the certifying period of April 28th, 2024, to April 28th, 2025, the Department agreed to allow discontinuance of monitoring at HMW-5

The Groundwater monitoring was performed during the subject reporting period in August 2025. Approval for a reduced parameter list and reduction in network monitoring wells is located in Appendix G.

5.1 August 2025 Groundwater Monitoring Event

Roux personnel deployed the PDBs on July 30th, 2025. Retrieval and sampling of the PDBs was performed on August 15th, 2025. PDB deployment and retrieval logs are included in Appendix D. Groundwater was analyzed for Target Compound List (TCL) plus Commissioners Policy-51 (CP-51) Volatile Organic Compounds (VOCs) per USEPA Method 8260C. Groundwater samples were transferred to laboratory supplied, pre-preserved sample vials and transported, under chain of custody control, to Alpha Laboratories, (Alpha) located in Westborough, Massachusetts for analysis. Appendix D includes analytical data packages and field data sheets for the August 2025 sampling event. Table 1 summarizes the results and post COC groundwater monitoring results completed in accordance with the SMP (May 2018, through August 2024) along with data collected in June 2016 and January 2017 (during the RI) and provides a comparison to Groundwater Quality Standards/Guidance Values (GWQS/GVs).

In general, VOC concentrations from the August 2025 monitoring event are similar compared to historical sampling events. Results for were reported non-detect or below groundwater quality standards for petroleum VOCs in monitoring wells HMW-2, HWM-4 & HMW-5 (HMW-5 was sampled prior to the Departments acceptance of the 2025 PRR). Monitoring wells HMW-3 & MW-10 exhibit total VOC concentrations in excess of two thousand (2,000) ppb. This may be due to discontinuation of groundwater remediation efforts on the adjacent upgradient former Sunoco site (an inactive NYSDEC Spill site, no. 1106834), which has a long history of use as a petroleum service station with numerous storage tanks and dispensers. Appendix E provides a status report issued for the former Sunoco Site in 2020 which summarizes the relevant history of the property. Prior to 2020 active groundwater remediation on the former Sunoco site was undertaken. The site and spill area are hydraulically upgradient of HMW-3 and MW-10 (see Figure 4) and onsite petroleum-impacted soils were removed from the BCP Site as part of the Track 2 Restricted Residential cleanup completed in 2015. It is possible that post-treatment rebound is contributing to elevated levels in HMW-3 and MW-10.

Basement sump (GSW-1) sample shows a decrease in chlorinated VOC levels compared to the August 2024 sampling event and continues to be lower than historic highs.

The electronic data delivery (EDD) format has been uploaded to NYSDEC's EQuIS database. The next sampling event is scheduled for August 2026.

5.1.1 Historical Analysis and comparisons

Attached in Appendix F are historical trend analysis for monitoring locations HMW-2, through HMW-4, MW-10 and GSW-.1 for total VOC concentrations are discussed below:

- HMW – 2, Total petroleum VOC concentrations have decreased significantly and are now at non-detect levels.
- HMW-3, Total VOC and petroleum VOC concentrations have increased but are still lower than historic highs.
- HMW – 4, Total petroleum VOC concentrations have increased slightly but are well below groundwater quality standards for individual analytes.
- MW-10, Total and Petroleum VOC concentrations for the August 2025 sampling event have increased but are still below historic highs.
- GSW - 1, Total and chlorinated VOC concentrations for the 2025 event indicate a decreasing trend of both total VOCs and cVOCs .

Based on the last three sampling events August 2023 through August 2025 where passive diffusion bags were deployed (with the exception of GSW-1), total VOC concentrations have remained consistent with historical low flow sampling events with the exception of HMW-2 where concentrations have dropped, potentially due to continued attenuation (HMW-2 is north of the area predominantly impacted by the historic Sunoco spill site). A red boundary line has been added to Table 1 to note when diffusion bag use was started.

5.2 Groundwater Flow Direction

In conjunction with the August 15th, 2024 groundwater monitoring event, a round of water levels (Table 2) was collected from each monitoring location (including GSW-1). The recorded water levels were used to develop an isopotential map (Figure 4). Ground water flow is in an easterly direction with a slight southern component.

6 Conclusions and Recommendations

Conclusions for this reporting period and recommendations for the next reporting period are as follows:

- At the time of the annual Site inspection (April 7th, 2026), the Site was compliant with the NYSDEC-approved SMP (Ref 4),
- Off Site monitoring well HMW-5 was sampled for one final round due to receiving the 2025 PRR acceptance after site monitoring was performed.
- Petroleum VOC concentrations are lower in several wells, with the exception of HMW-3 and MW-10. The site will continue to be monitored with an annual round of groundwater sampling performed in August of 2026. Low flow sampling will be performed in lieu of diffusion bags for the August 2026 monitoring event.

7 Declaration/Limitations

This report has been prepared for the exclusive use of 75 Huron FEE, LLC. The contents of this report are limited to information available at the time of the site inspections. The findings herein may be relied upon only at the discretion of 75 Huron FEE, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Roux.

References

2. New York State Department of Environmental Conservation. *DER-10/ Technical Guidance for Site Investigation and Remediation.* May 3, 2013.

3. Iyer Environmental Group, PLLC (IEG). *Site Investigation/Interim Remedial Measure (SI/IRM) Work Plan, 73-79 West Huron Street Site, Buffalo, New York. BCP Site #C915282*. June 2015.

4. Benchmark Environmental Engineering & Science, PLLC (Benchmark). *Final Site Investigation/Interim Remedial Measures/Alternatives Analysis Report, 75-77 West Huron Street Property, Buffalo, New York*. May 2017.

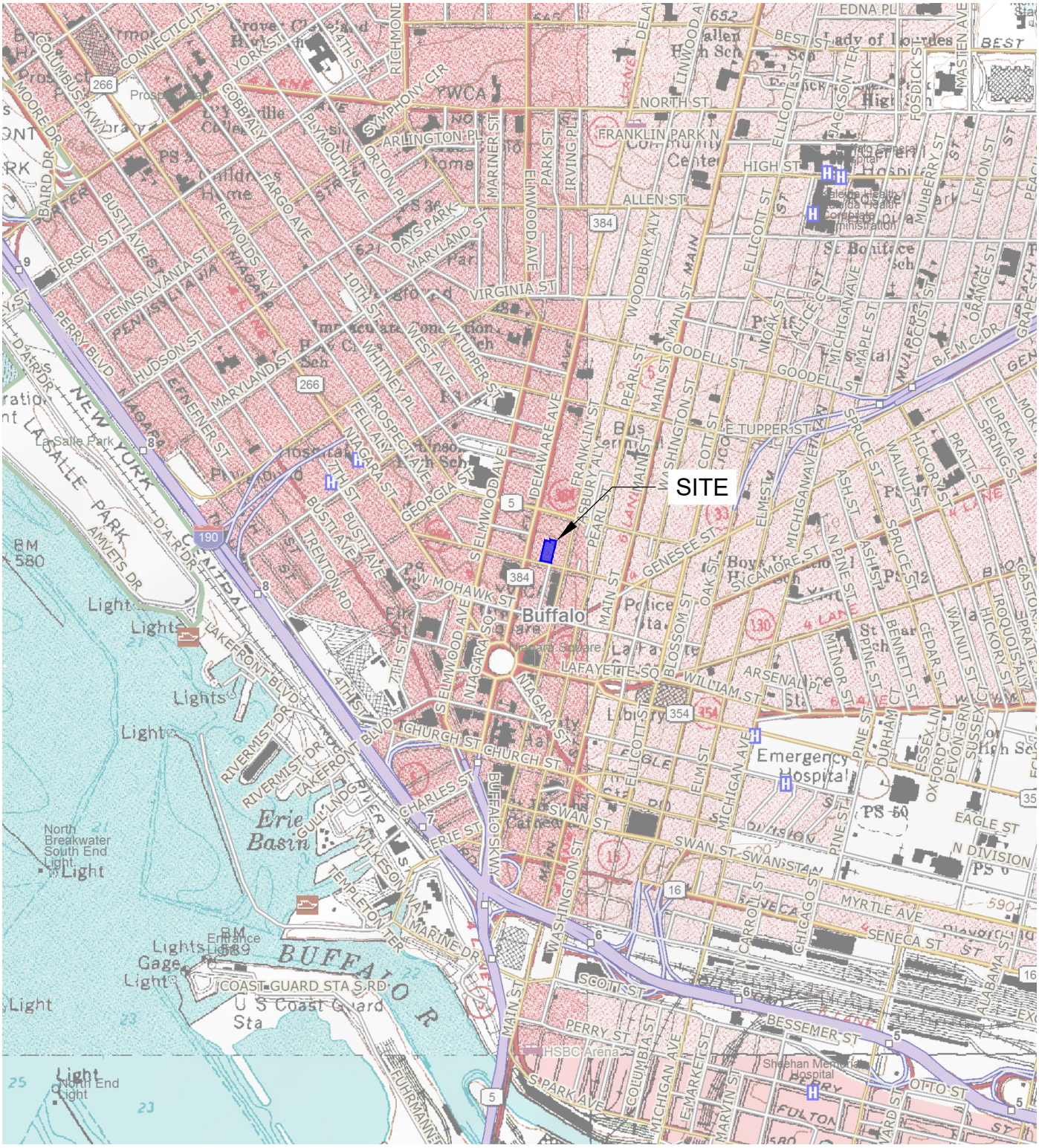
5. Benchmark Environmental Engineering & Science, PLLC (Benchmark). *Site Management Plan for 73-79 West Huron Street Site.* November 2017, Revised October 2021.

6. Benchmark Environmental Engineering & Science, PLLC (Benchmark). *Final Engineering Report for 73-79 West Huron Street Site.* November 2017.

7. Benchmark Environmental Engineering & Science, PLLC (Benchmark). *Work Plan for Active Subslab Depressurization System (ASD) Installation for 73-79 West Huron Street Site.* May 2018.

8. Benchmark Environmental Engineering & Science, PLLC (Benchmark). *Post-Remedial Vapor Assessment Report.* March

FIGURES



Title:

SITE LOCATION & VICINITY MAP

PERIODIC REVIEW REPORT

73-79 WEST HURON STREET SITE (BCP SITE NO. C915282)
BUFFALO, NEW YORK

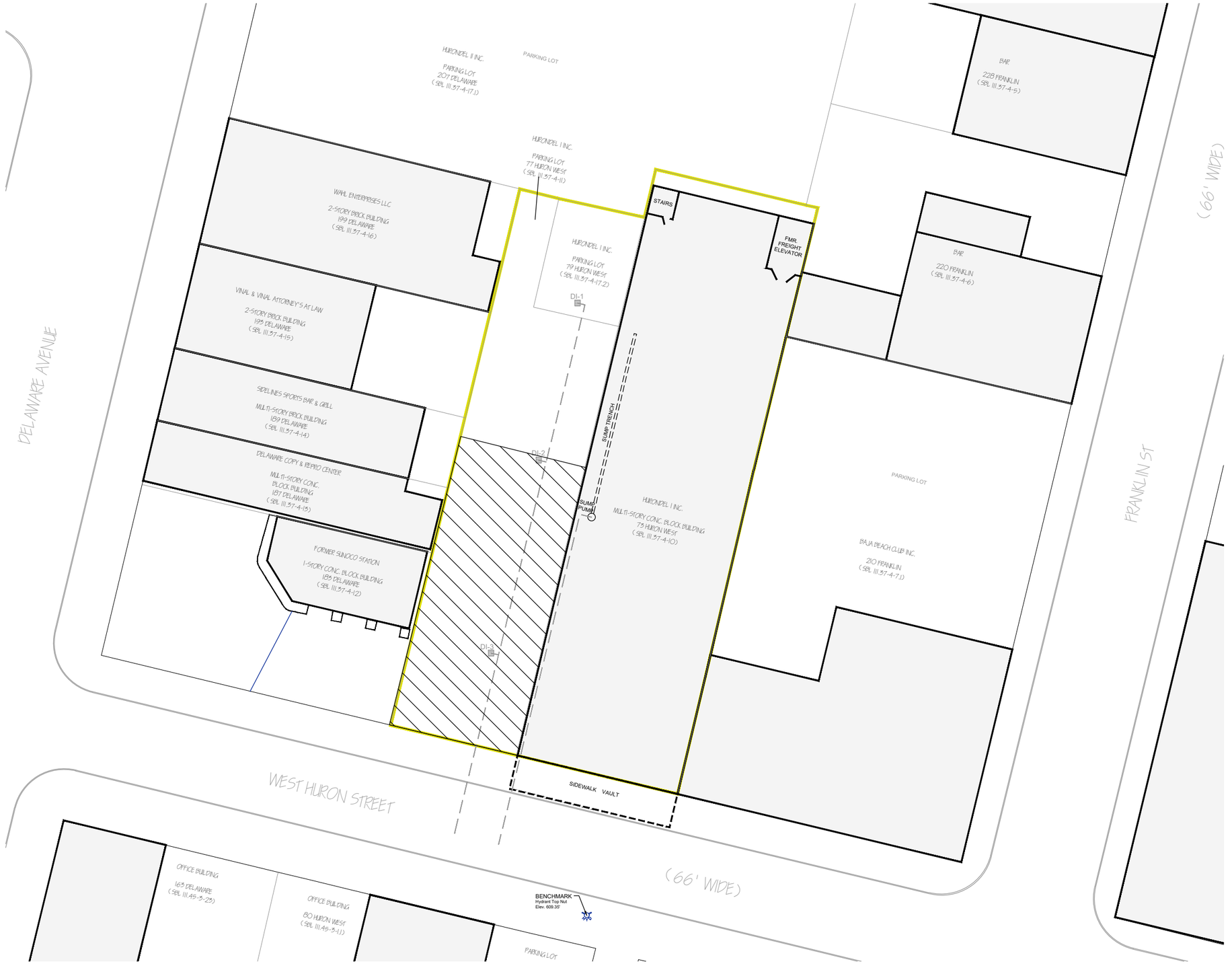
Prepared for:

EMERSON HURON, LLC

ROUX

Compiled by:	Date: MAY 2024	FIGURE
Prepared by: RFL-CMC	Scale: AS SHOWN	
Project Mgr: THF	Project:	1
File: FIGURE 1; SITE LOCATION & VICINITY MAP.DWG		

F:\CAD\BENCHMARK\EMERSON HURON, LLC\PRR\2024\FIGURE 1; SITE LOCATION & VICINITY MAP.DWG



LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- APPROXIMATE LOCATION OF GYMNASIUM WITH PARKING BELOW

N

40' 0 40'

Title:

SITE PLAN

PERIODIC REVIEW REPORT

73-79 WEST HURON STREET SITE (BCP SITE NO. C915282)
BUFFALO, NEW YORK

Prepared for:
EMERSON HURON, LLC

ROUX

Compiled by:	Date: MAY 2024	FIGURE
Prepared by: RFL-CMC	Scale: AS SHOWN	2
Project Mgr: THF	Project:	
File: FIGURE 2; SITE PLAN.DWG		

F:\CAD\BENCHMARK\EMERSON HURON, LLC\PRR\2022\FIGURE 2; SITE PLAN.DWG

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- BASEMENT FLOOR PLAN
- APPROXIMATE LOCATION OF NEWLY CONSTRUCTED GYMNASIUM WITH PARKING BELOW
- PARCEL BOUNDARY
- NAME — ROAD
- MAG-1 (0.90) — MAGNEHELIC PRESSURE GAUGE LOCATION (PRESSURE READING IN INCHES OF WATER, SEE NOTE 1)
- IA-1 — INDOOR AIR SAMPLE LOCATION (SEE NOTE 2)
- OA-1 — OUT DOOR AIR SAMPLE LOCATION (SEE NOTE 2)
- 4-INCH PERFORATED ASD PIPING

NOTES:

1. MAGNEHELIC GAUGE READINGS TAKEN ON APRIL 17, 2024
2. VAPOR ASSESSMENT SAMPLING PERFORMED ON FEBRUARY 3, 2021.

N

30' 0 30'

Title:

ASD SYSTEM AND VAPOR ASSESSMENT LOCATIONS

PERIODIC REVIEW REPORT

73-79 WEST HURON STREET SITE (BCP SITE NO. C915282)
BUFFALO, NEW YORK

Prepared for:
EMERSON HURON, LLC

ROUX

Compiled by:	Date: MAY 2024	FIGURE
Prepared by: RFL-CMC	Scale: AS SHOWN	3
Project Mgr: THF	Project:	
File: FIGURE 3; ASD AND VAPOR ASSESSMENT LOCATIONS.DWG		

F:\CAD\BENCHMARK\EMERSON HURON, LLC\PRR\2024\FIGURE 3; ASD AND VAPOR ASSESSMENT LOCATIONS.DWG

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- GSW-1 — SUMP WATER SAMPLE (IEG, 2015)
- MP-01 — DECOMMISSIONED SUMP WATER SAMPLE (BY OTHERS, 2019)
- MW-8 — DECOMMISSIONED MONITORING WELL (BY OTHERS)
- MW-10 — MONITORING WELL (METI, 2004-2010)
- HMW-1 — MONITORING WELL (BM, 2016)
- 597.0 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- 597.12 — GROUNDWATER ELEVATION

N

40' 0 40'

Title:
GROUNDWATER ISOPOTENTIAL MAP (AUGUST 2025)

PERIODIC REVIEW REPORT

73-79 WEST HURON STREET SITE (BCP SITE NO. C915282)
BUFFALO, NEW YORK

Prepared for:
EMERSON HURON, LLC

ROUX

Compiled by:	Date: MAY 2026	FIGURE
Prepared by: CMC	Scale: AS SHOWN	4
Project Mgr: THF	Project:	
File: FIGURE 4; SHALLOW GROUNDWATER ISOPOTENTIAL MAP - AUG 2025.DWG		

F:\CAD\BENCHMARK\EMERSON HURON, LLC\PRR\2026\FIGURE 4; SHALLOW GROUNDWATER ISOPOTENTIAL MAP - AUG 2025.DWG

Tables

TABLE 1

SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS

Post Remedial Monitoring
73-79 West Huron Street Site (C915282)
Buffalo, New York

Parameter	GWQS/GV	MW-10											HMW-2											HMW-3										
		06/23/16	01/11/17	05/17/18	10/24/18	08/20/19	02/13/20	07/15/21	08/17/22	08/17/23	08/15/24	08/15/25	06/16/16	01/11/17	05/17/18	10/24/18	08/20/19	02/13/20	07/15/21	08/17/22	08/17/23	08/15/24	08/15/25	06/16/16	01/11/17	05/17/18	10/24/18	08/20/19	02/13/20	07/15/21	08/17/22	08/17/23	08/15/24	08/15/25
VOLATILE ORGANICS (VOCs, ug/L)																																		
1,2,4-Trimethylbenzene	5	1.5	ND	ND	**51**	**62**	1.9 J	**42**	**14**	ND	ND	ND	**880**	**760 D**	ND	540 D	**5.2**	**520**	**710**	**380**	ND	ND	ND	**380**	**30**	ND	**5.9**	4.3	**33**	**140**	**91**	12	**38**	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	**7.3**	**340**	**110**	ND	**6.9**	**55**	**51**	**33**	ND	ND	3.4 J	**15**	4 J	ND	ND	ND	ND	**35 J**	ND	ND	**53**	ND	**59**	**140**	**190**	**73**	**99**	**77**
2-Butanone	50	--	--	ND	ND	ND	ND	ND	ND	ND	11 J	ND	ND	--	ND	ND	4.9 J	ND	ND	ND	ND	ND	6.7	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	--	--	27	ND	ND	ND	ND	18 J	21	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	10	16	11	ND	--	ND	ND	ND	ND	ND	20 J	13 J	ND	11 J
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	--	--	50	180	95	76	200	190	20	110	130	290	--	140	69	ND	97	110	37	ND	ND	ND	460	--	190 D	96	12	130	140	180	140	110	88
Ethylbenzene	5	**66.2**	ND	**72**	**500**	**160**	**150**	**25**	**250**	**8.4**	**55**	**210**	**19 J**	**31**	**17**	**10**	**30**	ND	ND	ND	ND	ND	ND	**1800**	**840**	**490 D**	**31**	ND	**100**	**230**	**670**	**320**	**330**	**500**
2-Hexanone	50	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	**ND**	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	**ND**	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	**13.6**	2.6	**20**	**61**	**33**	**18**	**15**	**6.8 J**	0.81 J	**7.4**	**23**	**74**	**71**	**58**	**73**	**12**	ND	**48**	**39**	ND	ND	ND	**110**	**17 J**	**54**	**18**	**8.3**	**12**	**6 J**	**15 J**	**11 J**	**9 J**	**7.4 J**
Methylcyclohexane	--	--	--	ND	8 J	48 J	8.7 J	140 J	61	3.8 J	19 J	27 J	59 J	--	38	13	ND	32 J	42	15 J	ND	ND	ND	160 J	--	94	64	12	45	62	70 J	12 J	16 J	14 J
n-Butylbenzene	5	ND	ND	ND	1.9 J	**5.4**	ND	3.5 J	**5.3 J**	ND	1.6 J	ND	**13 J**	**13**	ND	**9.3 J**	ND	**5.1 J**	**4.7 J**	**4.8 J**	ND	ND	ND	**16 J**	**34 J**	ND	**12**	**7.3**	**11**	ND	ND	ND	ND	ND
n-Propylbenzene	5	**38.1**	4	ND	**110**	**65**	**84**	**53**	4.8 J	1.5 J	42 J	**45**	**170**	**180**	ND	**140 J**	3.1 J	**120**	**130**	**100**	ND	ND	ND	**210**	ND	ND	**110**	**66**	**21**	**6 J**	**23 J**	4.1 J	**7.9 J**	**6.4 J**
p-Isopropyltoluene	5	ND	ND	ND	ND	1.3 J	ND	**6 J**	**6.9 J**	ND	ND	ND	ND	14	ND	2.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.7 J**	2.6 J	3 J	ND	ND	ND	ND	ND
Naphthalene	10	--	--	--	--	--	--	--	--	--	--	**210**	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	**160**
sec-Butylbenzene	5	1.8	ND	ND	**9.2**	**5.7**	4.8 J	**7.2**	3.5 J	ND	2.1 J	ND	**8.2 J**	ND	ND	ND	ND	6.1 J	ND	**6.1**	ND	ND	ND	ND	ND	ND	**9.1**	6	**5.1 J**	ND	ND	ND	ND	ND
Tetrachloroethene	5	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	--	ND	ND	ND	ND	2.4	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	1.2	ND	**39**	**12**	4.6	**18**	**120**	**900**	1.1 J	**170 J**	**320**	ND	ND	ND	ND	**7.8**	ND	ND	ND	ND	ND	ND	**490**	**350**	**7.6**	**9**	ND	**59**	**1000 D**	**410**	**110**	**280**	**190**
Total Xylenes	5	**6**	ND	**371**	**319**	**87**	**255**	**1260 D**	**1037**	**9.4**	**77**	**1212**	ND	3.2 J	0.95 J	ND	**107**	ND	ND	ND	ND	ND	ND	**2900**	**427 J**	**555 D**	**92**	**8.9**	**550**	**2150**	**3300**	**970**	**1023**	**1308**
Trichloroethene	5	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	--	--	ND	ND	ND	ND	ND	ND	ND	0.14 J	0.42 J	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs	--	**128.4**	**6.6**	**579**	**1252.1 J**	**567 J**	**623.7 J**	**2211.7 J**	**2607.3 J**	**66.01 J**	**502.14 J**	**2232.42 J**	**1566 J**	**1105.2 J**	**253.95 J**	**857.2 D**	**173.4 J**	**795.2 J**	**1051.1**	**581.9**	**10**	**16**	**17.7**	**6101 J**	**1698**	**1390.6 J**	**505.7 J**	**127.4 J**	**1028.1 J**	**3874 J**	**4969 J**	**1665.1 J**	**1912.9 J**	**2361.8 J**
TOTAL pVOCs	--	**128.4**	**6.6**	**502**	**1064.1 J**	**424 J**	**539 J**	**1871.7 J**	**2338.3 J**	**21.21 J**	**362 J**	**2075 J**	**1215.2 J**	**1105.2 J**	**75.95 J**	**775.2 D**	**168.5 J**	**666.2 J**	**896.7 J**	**529.9 J**	**0**	**0**	**0**	**5941 J**	**1698 J**	**1106.6 D**	**345.7 J**	**103.4 J**	**853.1 J**	**3672 J**	**4699 J**	**1500.1 J**	**1786.9 J**	**2248.8 J**
TOTAL cVOCs	--	**0**	--	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.14 J**	**0.42 J**	**1.8 J**	--	**0**	**0**	**0**	**0**	**2.4**	**0**	**0**	**0**	**0**	**0**	--	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
General Chemistry (mg/L)																																		
T. Alkalinity (as $CaCO_3$)[6]	--	--	--	518	476	467	733	312	NA	NA	NA	NA	--	--	305	320	239	258	246	NA	NA	NA	NA	--	--	470	396	394	538	311	NA	NA	NA	NA

Notes:

1. ND - Not Detected
2. Only those compounds detected at a minimum of one location are presented.
3. Values exceeding NYS Ambient Water Quality Class GA Groundwater Quality Standards/Guidance Values; NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 are highlighted in yellow.
4. Data presented has been validated by a third party data validator; data and qualifiers modified by the validator are in RED.
5. MW-5 was not accessable and could not be sampled for the 2022 event.
6. Total Alkalinity was dropped from monitoring for 2022 and monitoring events moving forward.
7. **Red border marks start of difussion bag sampling.**

Qualifiers:

B = The analyte was detected above the reporting limit in the associated method blank.
J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
D = Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

ROUX

TABLE 1

SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS

Post Remedial Monitoring
73-79 West Huron Street Site (C915282)
Buffalo, New York

Parameter	GWQS/GV	HMW-4											HMW-5											GSW-1 (SUMP - 1)										
		06/16/16	01/11/17	05/17/18	10/24/18	08/20/19	02/13/20	07/15/21	08/17/22	08/17/23	08/15/24	08/15/25	06/16/16	01/11/17	05/17/18	10/24/18	08/20/19	02/13/20	07/15/21	08/17/22	08/17/23	08/15/24	08/15/25	04/24/15	06/05/15	05/17/18	06/05/18	10/24/18	08/20/19	02/13/20	07/15/21	08/17/22	08/17/23	08/15/24	08/15/25
VOLATILE ORGANICS (VOCs, ug/L)																																		
1,2,4-Trimethylbenzene	5	ND	ND	ND	1 J	**280 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	No access to monitoring well [5]	No access to monitoring well [5]	ND	ND	ND	**5.7**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	**24**	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	9.5	ND	--	ND	ND	ND	ND	ND			ND	6.4	ND	5.7	ND	ND	ND	**85**	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND	0.17 J	ND
Acetone	50	ND	--	ND	ND	ND	ND	ND	18	11	16	ND	ND	--	ND	ND	ND	ND	ND			15 J	10	ND	ND	ND	ND	ND	**170**	ND	ND	ND	ND	ND	6.2
Benzene	1	0.17 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	--	2.3 J	ND	ND	3.1	11			2.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND			ND	ND	ND	ND	**25**	**24**	**31**	**28**	**6**	**26**	**59**	**9.5**	**63**	**29**
Cyclohexane	--	ND	--	ND	ND	90 J	7.7 J	95	46	ND	ND	6.6 J	0.59 J	--	ND	ND	ND	ND	ND			ND	0.96 J	ND	4.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93 J
Ethylbenzene	5	0.77 J	ND	ND	ND	ND	4.9	**11**	**24**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	0.84 J	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	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	**14**	2.6	ND	ND	0.84 J	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	--	0.48 J	--	ND	ND	13 J	ND	29	34	ND	ND	2 J	0.44	--	ND	ND	ND	ND	ND			ND	ND	ND	0.49 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	3.9 J	ND	ND	1.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	0.9 J	ND	ND	ND	**98 J**	1 J	**19**	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	0.82 J	2.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	--	--	--	--	--	--	--	--	--	--	2.5	--	--	--	--	--	--	--			--	ND	--	--	--	--	--	--	--	--	--	--	ND
sec-Butylbenzene	5	0.7 J	ND	ND	ND	**6.8 J**	ND	1.6 J	4.3	ND	ND	0.76 J	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	--	ND	ND	0.29 J	ND	ND	ND	ND	ND	ND	0.54	--	0.35 J	0.43 J	0.29 J	0.25 J	0.36 J			0.36 J	0.3 J	3.4	4.9	**550**	**480**	**680**	**300**	**110**	**190**	**17**	**99**	**11**	**8.8**
Toluene	5	ND	ND	ND	ND	ND	1.7 J	4.5 J	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	0.84 J	ND	ND	ND	ND	**29.5**	**31.4**	**12.8 J**	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	0.91 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND			ND	ND	ND	0.52 J	**13 J**	**12**	**16**	**14**	4	**7.4 J**	4.2	3.6	2.2	1.5
trans-1,2-Dichloroethene	5	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND			ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	2.1 J	ND	1.8 J	3
Vinyl chloride	2	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND			ND	ND	ND	0.52 J	ND	ND	ND	**3**	**4**	ND	**5.8**	**8.5**
TOTAL VOCs	--	**3.86**	**0**	**0**	**1 J**	**491.99 J**	**44.8 J**	**230.32 J**	**167.9 J**	**11**	**16**	**23.3 J**	**5.6**	**0**	**2.65 J**	**0.43 J**	**0.29 J**	**3.35 J**	**11.36 J**	**NA**	**NA**	**17.46 J**	**18.5 J**	**3.4**	**29.72 J**	**588 J**	**516**	**727**	**597**	**120 J**	**227.6 J**	**86.47 J**	**112.1 J**	**83.97 J**	**57.93 J**
TOTAL pVOCs	--	**3.38**	**0**	**0**	**1 J**	**388.7 J**	**37.1 J**	**92.32 J**	**69.9 J**	**0**	**0**	**5.2 J**	**0.23 J**	**0**	**0 J**	**0**	**0**	**0**	**0**	**NA**	**NA**	**0**	**0.84 J**	**0**	**13.31 J**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL cVOCs	--	**0**	--	**0**	**0**	**0.29 J**	**0 J**	**0 J**	**0 J**	**0**	**0**	**0**	**0.54**	--	**0.35**	**0.43 J**	**0.29 J**	**0.25 J**	**0.36 J**	**NA**	**NA**	**0.36 J**	**0.3 J**	**3.4**	**11.12 J**	**588 J**	**516**	**727**	**597**	**120 J**	**227.6 J**	**86.47 J**	**112.1 J**	**83.97 J**	**50.8 J**
General Chemistry (mg/L)																																		
T. Alkalinity (as $CaCO_3$)[6]	--	--	--	108	196	466	450	282	NA	NA	NA	NA	--	--	237	336	245	356	255	NA	NA	NA	NA	--	--	331	--	338	334	327	316	NA	NA	NA	NA

Notes:
1. ND - Not Detected
2. Only those compounds detected at a minimum of one location are presented.
3. Values exceeding NYS Ambient Water Quality Class GA Groundwater Quality Standards/Guidance Values; NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 are highlighted in yellow.
4. Data presented has been validated by a third party data validator; data and qualifiers modified by the validator are in RED.
5. MW-5 was not accessable and could not be sampled for the 2022 event.
6. Total Alkalinity was dropped from monitoring for 2022 and monitoring events moving forward.

Qualifiers:
B = The analyte was detected above the reporting limit in the associated method blank.
J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
D = Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

ROUX

TABLE 2

SUMMARY OF GROUNDWATER ELEVATIONS

August 2025 Post Remedial Monitoring Event
73-79 West Huron Street Site (C915282)
Buffalo, New York

Location	TOR Elevation (fmsl)	08/15/25	
		DTW (fbTOR)	GWE (fmsl)
HMW-1	609.52	11.57	597.95
HMW-2	606.75	9.37	597.38
HMW-3	606.45	9.30	597.15
HMW-4	606.75	9.66	597.09
HMW-5	606.31	9.61	596.70
HMW-6	606.20	9.68	596.52
MW-10	606.44	9.32	597.12
GSW - 1	600.02	2.56	597.46

Notes:

1. DTW = depth to water
2. fbTOR = feet below top of riser
3. fmsl = feet above mean sea level
4. GWE = groundwater elevation
5. TOR = top of riser
6. No water level measurement obtained, well was not accessible.

APPENDIX A

SITE INSPECTION (IC/EC) FORM
INSTITUTIONAL & ENGINEERING CONTROLS CERTIFICATION FORM

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor
AMANDA LEFTON
Commissioner

3/17/2026

Alex Libin
Owner
75 Huron Fee, LLC
7 World Trade Center, 10th Floor
New York, NY 10007
legal@mercerstreetpartners.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: 73-79 W. Huron St.
Site No.: C915282
Site Address: 73-79 W. Huron St.
Buffalo, NY 14202

Dear Alex Libin:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **May 28, 2026**. Guidance on the content of a PRR is enclosed.

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

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

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

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

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

Documents may be submitted to the project manager by contacting the project manager for a link to DEC's file transfer service.

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

You may contact Bradley Demo, the Project Manager, at 716-851-7139 or bradley.demo@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
700 Delaware Ave
Buffalo, NY 14209-2202

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

75 Huron Fee LLC - legal@mercerstreetpartners.com

ec: w/ enclosures

Bradley Demo, Project Manager

Ben McPherson, Hazardous Waste Remediation Supervisor, Region 9

Roux Inc. - Thomas H. Forbes, P.E - tforbes@rouxinc.com

Enclosure 1

Certification Instructions

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

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

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

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

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

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

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

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

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

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

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

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

Site Details **Box 1**

Site No. C915282

Site Name 73-79 W. Huron St.

Site Address: 73-79 W. Huron St. Zip Code: 14202
City/Town: Buffalo
County: Erie
Site Acreage: 0.609

Reporting Period: April 28, 2025 to April 28, 2026

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

Box 2

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

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

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

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

Box 2A

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

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

	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. C915282 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
111.37-4-10	75 Huron Fee LLC	Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan Ground Water Use Restriction

- Site use is limited to Restricted Residential, Commercial and Industrial uses as described in 6 NYCRR Part 375;
- Prohibition against use of groundwater without treatment
- Provision for SVI evaluation of occupied buildings on site
- Annual monitoring of groundwater
- Compliance with excavation plan
- Monitoring to assess the performance and effectiveness of the remedy

111.37-4-11	75 Huron Fee LLC	IC/EC Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan

- Site use is limited to Restricted Residential, Commercial and Industrial uses as described in 6 NYCRR Part 375;
- Prohibition against use of groundwater without treatment;
- Provision for SVI evaluation of occupied buildings on site;
- Annual monitoring of groundwater;
- Compliance with excavation plan and
- Monitoring to assess the performance and effectiveness of the remedy.

111.37-4-17.2	75 Huron Fee LLC	Monitoring Plan Landuse Restriction Site Management Plan IC/EC Plan Ground Water Use Restriction Soil Management Plan

- Site use is limited to Restricted Residential, Commercial and Industrial uses as described in 6 NYCRR Part 375;
- Prohibition against use of groundwater without treatment;
- Provision for SVI evaluation of occupied buildings on site;
- Annual monitoring of groundwater;
- Compliance with excavation plan and
- Monitoring to assess the performance and effectiveness of the remedy.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
111.37-4-10	Vapor Mitigation

Active SSDS

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

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

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

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

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

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

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

YES	NO
☑	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C915282

Box 6

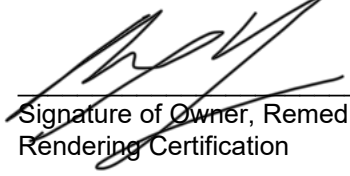
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 Alex Libin (print name) at 7 World Trade Center, 10th Floor (print business address),

am certifying as Designated Representative of Owner (Owner or Remedial Party)

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



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

May 27, 2026
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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 A Behrendt (print name) at Rocer Environmental Engineering and Geology, DPC 2558 Hamburg Turnpike Suite 300, Buffalo NY, 14218 (print business address)

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

Thomas A Behrendt

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

Stamp (Required for PE)

5/28/26

Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

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

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

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

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

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

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

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

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

APPENDIX B

SITE PHOTOLOG

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	

Photo No.	Date
1	04/07/26

Direction Photo Taken:
Interior

Description:
Vapor Assessment ASD System Monitoring:
Magnehelic Gauge Pressure Reading MAG-1 (0.95 inches of water)

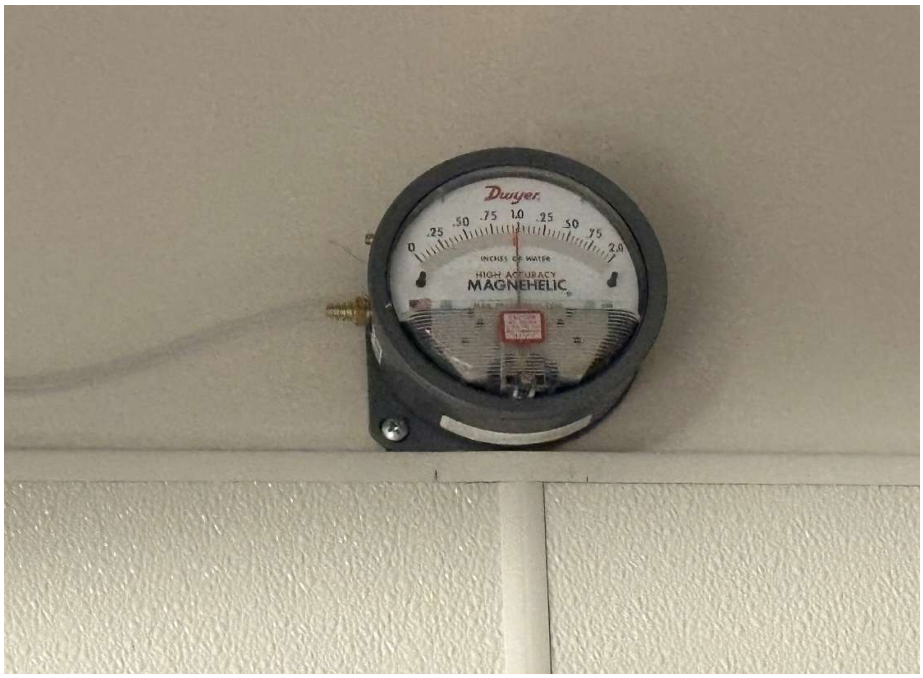
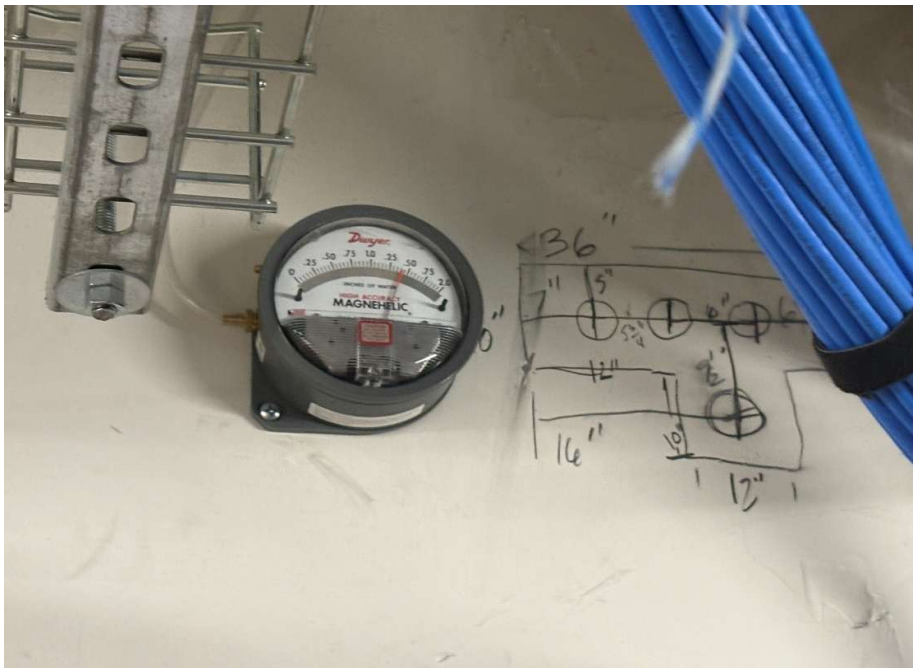


Photo No.	Date
2	04/07/26

Direction Photo Taken:
Interior

Description:
Vapor Assessment ASD System Monitoring:
Magnehelic Gauge Pressure Reading MAG-2 (1.40 inches of water)



Prepared By: TAB

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	

Photo No.	Date
3	04/07/26

Direction Photo Taken:
South

Description:
Annual Site Inspection:
Exterior Elevated Gymnasium Addition.

Photo No.	Date
4	04/07/26

Direction Photo Taken:
Interior

Description:
Annual Site Inspection:
Sealed sumps in northside of basement.

Prepared By: TAB

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	

Photo No.	Date
5	04/07/26

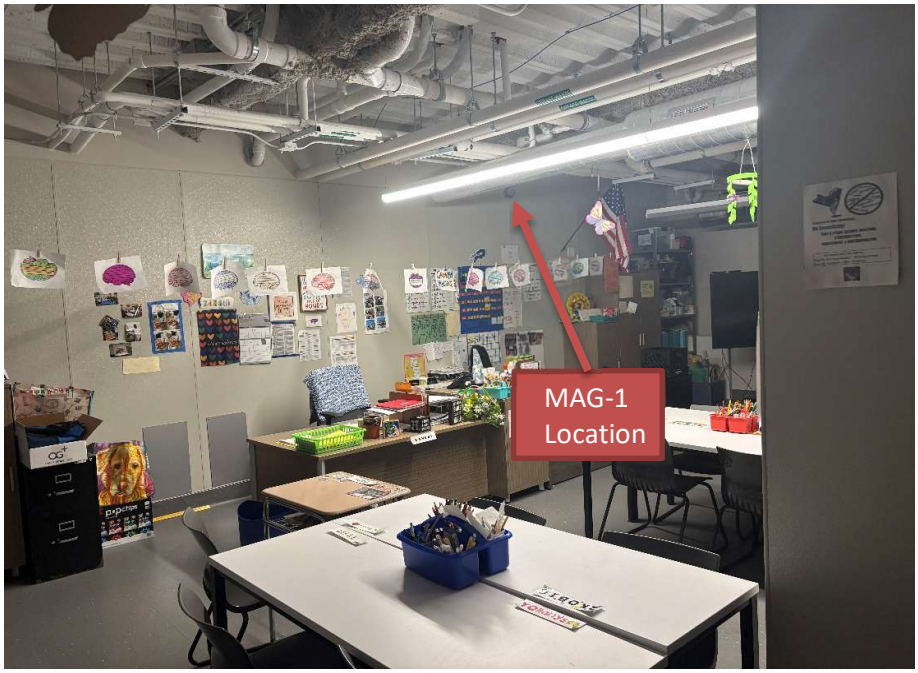
Direction Photo Taken:
Interior

Description:
Annual Site Inspection:
Sealed sump in basement.

Photo No.	Date
6	04/07/26

Direction Photo Taken:
Interior

Description:
Annual Site Inspection:
Classroom location of MAG-1



Prepared By: TAB

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	

Photo No.	Date
7	04/07/26

Direction Photo Taken:
Interior

Description:
Annual Site Inspection
Telecommunications Room
Annual Site Inspection:
Basement crawl space west side of the building.

Photo No.	Date
8	04/07/26

Direction Photo Taken:
Interior

Description:
Annual Site Inspection:
Basement crawl space west side of the building.

Prepared By: TAB

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	B0441-022-001

Photo No.	Date
9	04/07/26

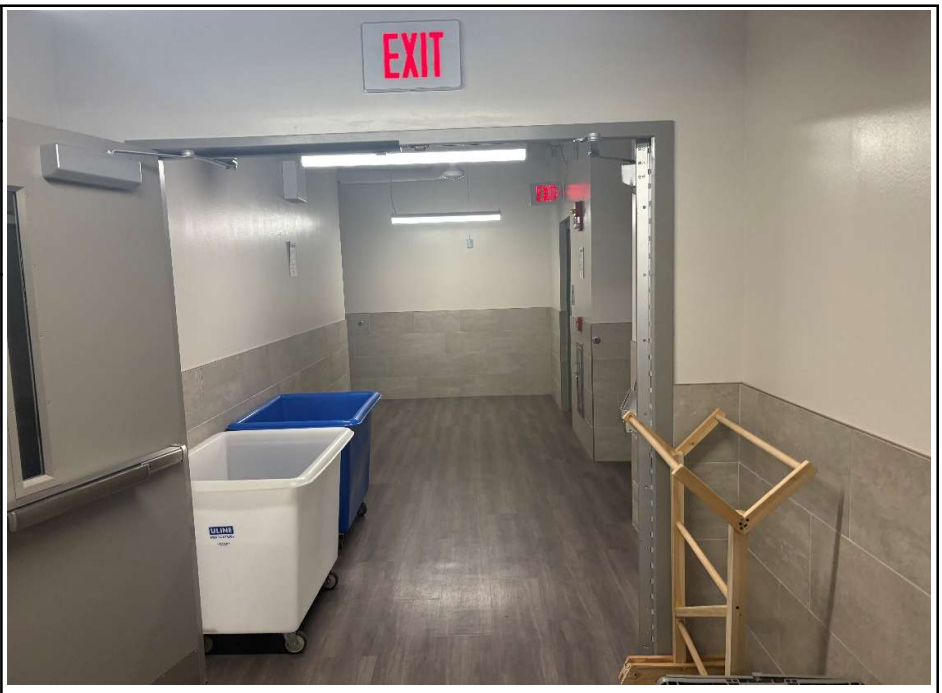
Direction Photo Taken:
Interior

Description:
Annual Site Inspection:
Electrical room north end of building

Photo No.	Date
10	04/07/26

Direction Photo Taken:
Interior

Description:
Annual Site Inspection:
Main hallway in basement.



Prepared By: TAB

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	B0441-022-001

Photo No.	Date
11	04/07/26

Direction Photo Taken:
West/Northwest

Description:
Annual Site Inspection:
Exterior elevated gymnasium addition façade on West Huron Street.

Photo No.	Date
12	04/07/26

Direction Photo Taken:
West

Description:
Annual Site Inspection:
Sidewalk along West Huron Street.

Prepared By: TAB

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Emerson Huron, LLC	73-79 W. Huron Street Site (C915282)	B0441-022-001

Photo No.	Date
13	04/07/26

Direction Photo Taken:
North

Description:
Annual Site Inspection:
Drive lane and parking underneath Gymnasium addition.

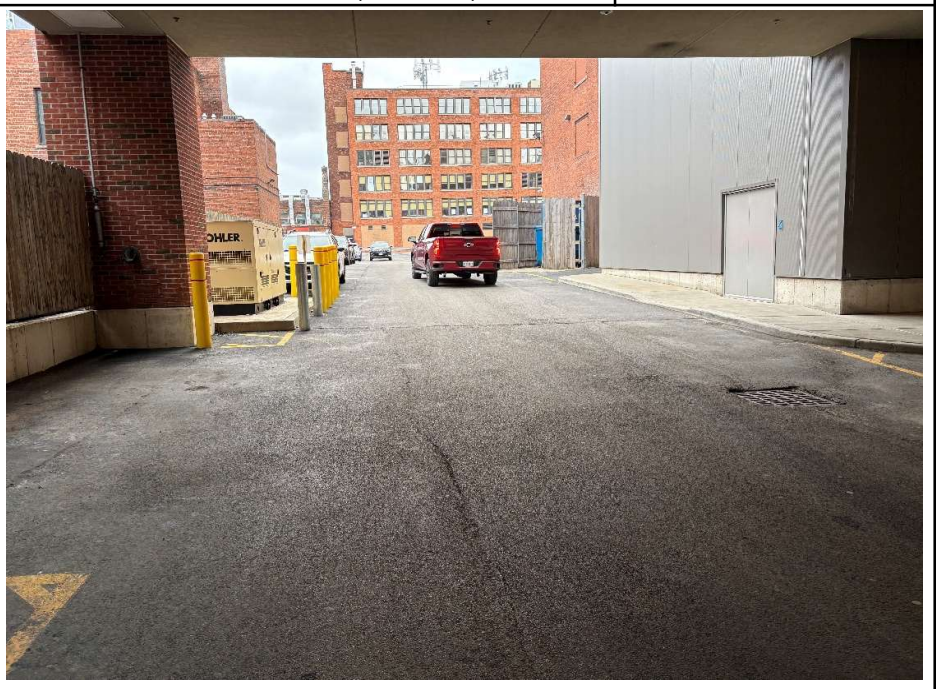


Photo No.	Date
14	04/07/26

Direction Photo Taken:
South

Description:
Annual Site Inspection:
Drive underneath gymnasium addition.

Prepared By: TAB

APPENDIX C

ASD System Inspection Sheets

APPENDIX D

GROUNDWATER ANALYTICAL DATA PACKAGE
&
FIELD SHEETS

ROUX

GROUNDWATER WELL
PDB COLLECTION & RECOVERY LOG
(PASSIVE DIFFUSION BAG)

Project Name: Emerson GWM

Project Number:

Client:

WELL NUMBER: HMW-2

Sample Matrix: ☒ GROUNDWATER ☐

Weather: Sunny mid 80's
wind 0-5 mph west

WELL DATA:

Casing Diameter (inches):	2"	Casing Material:	PVC
Screened interval (fbTOR):	7.58 / 17.98	Screen Material:	PVC
Static Water Level (fbTOR):	9.38 / 9.37	Bottom Depth (fbTOR):	
Elevation Top of Well Riser (fmsl):	606.75	Ground Surface Elevation (fmsl):	
Elevation Top of Screen (fmsl):	598.77	Stick-up (feet):	Flush mount

PDB DATA:

Depth of PDB in well (fbTOR):	mid Screen	Is PDB harness and line dedicated to sample location?	(yes) no
Condition of Well:	Good	Is PDB located at center of screen?	yes (no)
Field Personnel:	JHB	mid water column	

Installation:

Date of PDB placement:	7/30/25
Time of PDB placement:	806

Retrieval:

Date of PDB retrieval:	8/15/25
Time of PDB retrieval:	851
Condition of PDB:	Good

Disposal:

Remaining groundwater disposal method:

☐ GROUND SURFACE ☒ MOBILE CARBON UNIT

☐ CONTAINERIZED ☐ OTHER

If PDB contains visible sediment, check PDB integrity and re-sample.

COMMENTS:

PREPARED BY: JHB

ROUX

GROUNDWATER WELL
PDB COLLECTION & RECOVERY LOG
(PASSIVE DIFFUSION BAG)

Project Name: Emerson School GWM
Project Number:
Client: Emerson

WELL NUMBER: HMW-3
Sample Matrix: ☒ GROUNDWATER ☐
Weather: Sunny mid 80's, west 0-5 mph

WELL DATA:

Casing Diameter (inches):	2"	Casing Material:	PVC
Screened interval (fbTOR):	6.83 - 16.83	Screen Material:	PVC
Static Water Level (fbTOR):	9.32 | 9.30	Bottom Depth (fbTOR):	
Elevation Top of Well Riser (fmsl):	606.45	Ground Surface Elevation (fmsl):	
Elevation Top of Screen (fmsl):	599.62	Stick-up (feet):	Flushmount

PDB DATA:

Depth of PDB in well (fbTOR):		Is PDB harness and line dedicated to sample location?	yes / no
Condition of Well:	good	Is PDB located at center of screen?	yes / no
Field Personnel:	TAB	Mid water column	

Installation:

Date of PDB placement.	7/30/25
Time of PDB placement:	832

Retrieval:

Date of PDB retrieval.	8/15/25
Time of PDB retrieval:	930
Condition of PDB:	good

Disposal:

Remaining groundwater disposal method:

☐ GROUND SURFACE ☒ MOBILE CARBON UNIT
☐ CONTAINERIZED ☐ OTHER

If PDB contains visible sediment, check PDB integrity and re-sample.

COMMENTS:

PREPARED BY: TAB

ROUX

GROUNDWATER WELL
PDB COLLECTION & RECOVERY LOG
(PASSIVE DIFFUSION BAG)

Project Name: Emerson GWM
Project Number:
Client:

WELL NUMBER: HMW-4
Sample Matrix: ☒ GROUNDWATER ☐
Weather: Sunny mid 80's Wind West 0-5 mph

WELL DATA:

Casing Diameter (inches): 2"	Casing Material: PVC
Screened interval (fbTOR): 6.55 - 16.55	Screen Material: PVC
Static Water Level (fbTOR): 9.66	Bottom Depth (fbTOR):
Elevation Top of Well Riser (fmsl): ~~596.69~~ 606.75	Ground Surface Elevation (fmsl):
Elevation Top of Screen (fmsl): 599.66	Stick-up (feet): Flush mnt

PDB DATA:

Depth of PDB in well (fbTOR):	Is PDB harness and line dedicated to sample location? (yes) no
Condition of Well: Good	Is PDB located at center of screen? yes (no)
Field Personnel: TAB	mid Water Column

Installation:

Date of PDB placement.	7/30/25
Time of PDB placement:	908

Retrieval:

Date of PDB retrieval.	8/15/25
Time of PDB retrieval:	1015
Condition of PDB:	Good

Disposal:

Remaining groundwater disposal method:

☐ GROUND SURFACE ☒ MOBILE CARBON UNIT
☐ CONTAINERIZED ☐ OTHER

If PDB contains visible sediment, check PDB integrity and re-sample.

COMMENTS:

PREPARED BY: TAB

ROUX

GROUNDWATER WELL
PDB COLLECTION & RECOVERY LOG
(PASSIVE DIFFUSION BAG)

Project Name: Emerson GWM

Project Number:

Client:

WELL NUMBER: HMW-5

Sample Matrix: ☒ GROUNDWATER ☐

Weather: Sunny mid West 0-5 mph

WELL DATA:

Casing Diameter (inches):	2"	Casing Material:	PVC
Screened interval (fbTOR):	6.74 - 16.54	Screen Material:	PVC
Static Water Level (fbTOR):	9.56 | 9.61	Bottom Depth (fbTOR):	
Elevation Top of Well Riser (fmsl):	666.31	Ground Surface Elevation (fmsl):	
Elevation Top of Screen (fmsl):	559.37	Stick-up (feet):	Flushmount

PDB DATA:

Depth of PDB in well (fbTOR):		Is PDB harness and line dedicated to sample location?	(yes)	no
Condition of Well:	Good	Is PDB located at center of screen?	yes	(no)
Field Personnel:	TAB	mid water column		

Installation:

Date of PDB placement:	7/30/25
Time of PDB placement:	924

Retrieval:

Date of PDB retrieval:	8/15/25
Time of PDB retrieval:	1030
Condition of PDB:	good

Disposal:

Remaining groundwater disposal method:

☐ GROUND SURFACE ☑ MOBILE CARBON UNIT

☐ CONTAINERIZED ☐ OTHER

If PDB contains visible sediment, check PDB integrity and re-sample.

COMMENTS:

PREPARED BY: TAB

ROUX

GROUNDWATER WELL
PDB COLLECTION & RECOVERY LOG
(PASSIVE DIFFUSION BAG)

Project Name: Emerson GWM

Project Number:

Client:

WELL NUMBER: MW-10

Sample Matrix: ☒ GROUNDWATER ☐

Weather: Sunny mid 80's 0-5mph west

WELL DATA:

Casing Diameter (inches):	~~4~~ 2"	Casing Material:	PVC
Screened interval (fbTOR):	4-18'	Screen Material:	PVC
Static Water Level (fbTOR):	9.26 | 9.32	Bottom Depth (fbTOR):	
Elevation Top of Well Riser (fmsl):	606.44	Ground Surface Elevation (fmsl):	
Elevation Top of Screen (fmsl):	602.44	Stick-up (feet):	Flush mount

PDB DATA:

Depth of PDB in well (fbTOR):		Is PDB harness and line dedicated to sample location?	(yes)	no
Condition of Well:	good	Is PDB located at center of screen?	yes	(no)
Field Personnel:	TAB	mid water column		

Installation:

Date of PDB placement.	7/30/25
Time of PDB placement:	848

Retrieval:

Date of PDB retrieval.	8/15/25
Time of PDB retrieval:	1000
Condition of PDB:	good

Disposal:

Remaining groundwater disposal method:

☐ GROUND SURFACE ☒ MOBILE CARBON UNIT

☐ CONTAINERIZED ☐ OTHER

If PDB contains visible sediment, check PDB integrity and re-sample.

COMMENTS:

PREPARED BY: TAB

SAMPLE COLLECTION LOG

PROJECT INFORMATION

Project Name: Emerdon School GWM

Project No.:

Client: 73-79 W. Huron Street

Location: Buffalo, NY

SAMPLE DESCRIPTION

I.D.: GSW-1

Matrix: ☐ SURFACE WATER ☐ STORM ☐ SEEP ☑ GROUNDWATER ☐ INFLUENT ☐ EFFLUENT

SAMPLE INFORMATION

Date Collected: 8/18/25

Time Collected: 905

Date Shipped to Lab:

Collected By: TAB

Sample Type: ☑ POINT ☐ GRAB ☐ COMPOSITE

Sample Collection Method: ☑ DIRECT DIP ☐ SS / POLY. DIPPER ☐ PERISTALTIC PUMP ☐ POLY. DISP. BAILER ☐ ISCO SAMPLER ☐ HYDROSLEEVE

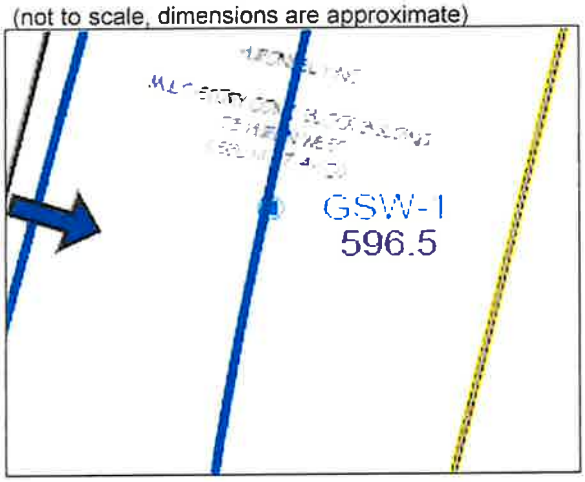
SAMPLING INFORMATION

Depth to Water:

Parameter	First	Last	Units
pH	7.37		units
Temp.	18.6		°C
Cond.	3254		mS
Turbidity	98.1		NTU
Eh / ORP	109		mV
D.O.	—		ppm
Odor	None		olfactory
Appearance	Slight		visual

LOCATION SKETCH

(not to scale, dimensions are approximate)



SAMPLE DESCRIPTION (appearance, olfactory): No odor Sl Turbid

SAMPLE ANALYSIS (depth, laboratory analysis required):

WL = 3.01

ADDITIONAL REMARKS:

PREPARED BY:

DATE: 8/18/25

ANALYTICAL REPORT

Lab Number:	L2551616
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Thomas Forbes
Phone:	(716) 856-0599
Project Name:	EMERSON SCHOOL GWM
Project Number:	EMERSON SCHOOL GWM
Report Date:	08/26/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2551616-01	HMW-2	WATER	BUFFALO, NY	08/15/25 08:51	08/15/25
L2551616-02	HMW-3	WATER	BUFFALO, NY	08/15/25 09:30	08/15/25
L2551616-03	HMW-4	WATER	BUFFALO, NY	08/15/25 10:15	08/15/25
L2551616-04	HMW-5	WATER	BUFFALO, NY	08/15/25 10:30	08/15/25
L2551616-05	MW-10	WATER	BUFFALO, NY	08/15/25 10:00	08/15/25
L2551616-06	GSW-1	WATER	BUFFALO, NY	08/15/25 09:08	08/15/25
L2551616-07	TRIP BLANK	WATER	BUFFALO, NY	08/15/25 00:00	08/15/25

Project Name:	EMERSON SCHOOL GWM	**Lab Number:**	L2551616
Project Number:	EMERSON SCHOOL GWM	**Report Date:**	08/26/25

Case Narrative

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

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

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

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

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

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

Project Name:	EMERSON SCHOOL GWM	**Lab Number:**	L2551616
Project Number:	EMERSON SCHOOL GWM	**Report Date:**	08/26/25

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.

Sample Receipt

L2551616-02: The collection date and time on the chain of custody was 15-AUG-25 08:32; however, the collection date/time on the container label was 15-AUG-25 09:30. At the client's request, the collection date/time is reported as 15-AUG-25 09:30.

Volatile Organics

L2551616-07: The Trip Blank has a concentration above the reporting limit for acetone. The sample was re-analyzed and did not confirm the original results. The results of both analyses are reported.

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 08/26/25

ORGANICS

VOLATILES

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-01
Client ID: HMW-2
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 08:51
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 12:22
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: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-01
Client ID: HMW-2
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 08:51
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	11		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	6.7		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-02 D
Client ID: HMW-3
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 09:30
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 12:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	190		ug/l	12	3.5	5
Ethylbenzene	500		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-02 D
Client ID: HMW-3
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 09:30
Date Received: 08/15/25
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	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	1300		ug/l	12	3.5	5
o-Xylene	8.0	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	11	J	ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	7.4	J	ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	160		ug/l	12	3.5	5
n-Propylbenzene	6.4	J	ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	77		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	88		ug/l	50	1.4	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	14	J	ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-03
Client ID: HMW-4
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 10:15
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 13:35
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: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-03
Client ID: HMW-4
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 10:15
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	1.1	J	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	9.5		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	0.76	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.84	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	2.5		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	6.6	J	ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	2.0	J	ug/l	10	0.40	1

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

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-04
Client ID: HMW-5
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 10:30
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 13:59
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	0.30	J	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	0.84	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-04
Client ID: HMW-5
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 10:30
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	10		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	6.4		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.96	J	ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-05 D
Client ID: MW-10
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 10:00
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 13:10
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	320		ug/l	12	3.5	5
Ethylbenzene	210		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	0.42	J	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-05 D
Client ID: MW-10
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 10:00
Date Received: 08/15/25
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	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	1200		ug/l	12	3.5	5
o-Xylene	12		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	23		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	210		ug/l	12	3.5	5
n-Propylbenzene	45		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	55		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	130		ug/l	50	1.4	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	27	J	ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-06
Client ID: GSW-1
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 09:08
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 14:23
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	8.8		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	8.5		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	3.0		ug/l	2.5	0.70	1
Trichloroethene	1.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-06
Client ID: GSW-1
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 09:08
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	29		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	6.2		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.93	J	ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-07
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 00:00
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/24/25 11:57
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: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-07
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 00:00
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-07 R
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 00:00
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/25 10:40
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: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GW
Lab Number: L2551616
Report Date: 08/26/25

SAMPLE RESULTS

Lab ID: L2551616-07 R
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY
Date Collected: 08/15/25 00:00
Date Received: 08/15/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	113		70-130

Project Name: EMERSON SCHOOL GWM **Lab Number:** L2551616

Project Number: EMERSON SCHOOL GWM **Report Date:** 08/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/24/25 11:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2107239-5					
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

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM
Lab Number: L2551616
Report Date: 08/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/24/25 11:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2107239-5					
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
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM
Lab Number: L2551616
Report Date: 08/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/24/25 11:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2107239-5					
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: EMERSON SCHOOL GWM **Lab Number:** L2551616

Project Number: EMERSON SCHOOL GWM **Report Date:** 08/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/26/25 08:58
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG2107385-5					
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

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM
Lab Number: L2551616
Report Date: 08/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/26/25 08:58
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG2107385-5					
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
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM
Lab Number: L2551616
Report Date: 08/26/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/26/25 08:58
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG2107385-5					
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2107239-3 WG2107239-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	97		100		70-130	3		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	86		97		70-130	12		20
Dibromochloromethane	83		96		63-130	15		20
1,1,2-Trichloroethane	82		94		70-130	14		20
Tetrachloroethene	99		110		70-130	11		20
Chlorobenzene	94		99		75-130	5		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	88		96		70-130	9		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	89		94		67-130	5		20
trans-1,3-Dichloropropene	76		90		70-130	17		20
cis-1,3-Dichloropropene	81		96		70-130	17		20
Bromoform	78		91		54-136	15		20
1,1,2,2-Tetrachloroethane	80		88		67-130	10		20
Benzene	90		99		70-130	10		20
Toluene	94		98		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2107239-3 WG2107239-4								
Ethylbenzene	93		100		70-130	7		20
Chloromethane	100		110		64-130	10		20
Bromomethane	120		110		39-139	9		20
Vinyl chloride	100		100		55-140	0		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	90		98		70-130	9		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	97		97		70-130	0		20
Methyl tert butyl ether	75		92		63-130	20		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	90		100		70-130	11		20
cis-1,2-Dichloroethene	97		100		70-130	3		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	93		97		58-148	4		20
Carbon disulfide	100		100		51-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2107239-3 WG2107239-4								
2-Butanone	88		100		63-138	13		20
4-Methyl-2-pentanone	68		75		59-130	10		20
2-Hexanone	67		81		57-130	19		20
1,2-Dibromoethane	82		95		70-130	15		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	88		92		70-130	4		20
tert-Butylbenzene	92		98		70-130	6		20
1,2-Dibromo-3-chloropropane	79		89		41-144	12		20
Isopropylbenzene	91		97		70-130	6		20
p-Isopropyltoluene	87		92		70-130	6		20
Naphthalene	78		87		70-130	11		20
n-Propylbenzene	93		97		69-130	4		20
1,2,4-Trichlorobenzene	94		97		70-130	3		20
1,3,5-Trimethylbenzene	95		99		64-130	4		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
Methyl Acetate	84		93		70-130	10		20
Cyclohexane	90		100		70-130	11		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	90		96		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2107239-3 WG2107239-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		102		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	103		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG2107385-3 WG2107385-4								
Methylene chloride	100		96		70-130	4		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	97		93		70-130	4		20
Dibromochloromethane	99		90		63-130	10		20
1,1,2-Trichloroethane	95		85		70-130	11		20
Tetrachloroethene	110		97		70-130	13		20
Chlorobenzene	100		94		75-130	6		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		98		67-130	2		20
trans-1,3-Dichloropropene	90		83		70-130	8		20
cis-1,3-Dichloropropene	100		96		70-130	4		20
Bromoform	94		85		54-136	10		20
1,1,2,2-Tetrachloroethane	88		80		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		93		70-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG2107385-3 WG2107385-4								
Ethylbenzene	110		96		70-130	14		20
Chloromethane	110		100		64-130	10		20
Bromomethane	88		85		39-139	3		20
Vinyl chloride	110		100		55-140	10		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	99		92		70-130	7		20
1,3-Dichlorobenzene	99		94		70-130	5		20
1,4-Dichlorobenzene	98		94		70-130	4		20
Methyl tert butyl ether	93		87		63-130	7		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	105		95		70-130	10		20
cis-1,2-Dichloroethene	99		98		70-130	1		20
Styrene	105		95		70-130	10		20
Dichlorodifluoromethane	93		89		36-147	4		20
Acetone	86		68		58-148	**23**	Q	20
Carbon disulfide	110		100		51-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG2107385-3 WG2107385-4								
2-Butanone	76		71		63-138	7		20
4-Methyl-2-pentanone	77		68		59-130	12		20
2-Hexanone	77		64		57-130	18		20
1,2-Dibromoethane	95		86		70-130	10		20
n-Butylbenzene	110		97		53-136	13		20
sec-Butylbenzene	100		95		70-130	5		20
tert-Butylbenzene	100		95		70-130	5		20
1,2-Dibromo-3-chloropropane	87		78		41-144	11		20
Isopropylbenzene	100		94		70-130	6		20
p-Isopropyltoluene	100		98		70-130	2		20
Naphthalene	80		73		70-130	9		20
n-Propylbenzene	100		95		69-130	5		20
1,2,4-Trichlorobenzene	100		90		70-130	11		20
1,3,5-Trimethylbenzene	110		97		64-130	13		20
1,2,4-Trimethylbenzene	100		98		70-130	2		20
Methyl Acetate	80		75		70-130	6		20
Cyclohexane	100		96		70-130	4		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	95		88		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG2107385-3 WG2107385-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	101		97		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	105		105		70-130

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM

Lab Number: L2551616
Report Date: 08/26/25

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(*)
L2551616-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-07A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551616-07B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	EMERSON SCHOOL GWM	**Lab Number:**	L2551616
Project Number:	EMERSON SCHOOL GWM	**Report Date:**	08/26/25

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:	EMERSON SCHOOL GWM	**Lab Number:**	L2551616
Project Number:	EMERSON SCHOOL GWM	**Report Date:**	08/26/25

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	EMERSON SCHOOL GWM	**Lab Number:**	L2551616
Project Number:	EMERSON SCHOOL GWM	**Report Date:**	08/26/25

Data Qualifiers

estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name: EMERSON SCHOOL GWM
Project Number: EMERSON SCHOOL GWM
Lab Number: L2551616
Report Date: 08/26/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

Pace ANALYTICAL SERVICES

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/16/25

L2551616
ROUX – BENCH

Client Information

Client: Roux
Address: 2558 Hamburg
Turnpike Lackawanna NY 14218
Phone: 716-796-4967
Fax:
Email: TBuchheister@rouxinc.com

Project Information

Project Name: Emerson School GWM
Project Location: Buffalo NY
Project #
(Use Project name as Project #): ☒
Project Manager: Tom TO:2003
PACE Quote #:

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 Pace ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+CP-51 8260

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

Sample Specific Comments

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 8260	Total Bottle
51616-01	HMW-2	8/15/25	857	Water	TAB	X	3
02	HMW-3		832			X	3
03	HMW-4		1015			X	3
04	HMW-5		1030			X	3
05	MW-10		1000			X	3
06	GSW-1		908			X	3
07	Trip Blank					X	

Container Type: V
Preservative: B

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

Relinquished By:	Date/Time	Received By:	Date/Time
	8/15/25 1328	Charles Pace	8-15-25 1329
Charles Pace	8-15-25 1333	Buffalo S/K	8-15-25 1333
Russell J. Bisby	8-15-25 15:21		8/15 1520
	8/16 0230		08/16/25 02:30

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 PACE'S TERMS & CONSTANTS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Sample Delivery Group Summary

Pace Job Number : L2551616

Account Name : Roux
Project Number : EMERSON SCHOOL GWM
Project Name : EMERSON SCHOOL GWM

Received : 15-AUG-2025
Reviewer : Maile Kolton

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels? L2551616-02: 15-AUG-25 08:32 vs. 15-AUG-25 09:30	**YES**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

APPENDIX E

JUNE 2020 STATUS REPORT
FORMER SUNOCO SITE

MATRIX
ENVIRONMENTAL TECHNOLOGIES INC.
Remediation, Water Treatment and Environmental Engineering
716.662.0745 | www.matrixbiotech.com

June 26, 2020

Ms. Francine Gallego
NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203

Re: 2nd Quarter 2020 Site Status Report
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York 14202
DUNS #0000-1289
NYSDEC Spill #11-06834
Matrix Project #10-043

Dear Ms. Gallego:

Enclosed is the 2nd Quarter 2020 Site Status Report for the above-referenced site ("Site"). This report includes results of the groundwater sampling event performed on June 8, 2020.

With NYSDEC approval, the oxygen injection system was deactivated on September 4, 2019. Results of the 2nd quarter 2020 and fourth post-remediation sampling event indicate that groundwater volatile organic compound ("VOC") concentrations are non-detect or below the closure goal of 1 mg/L in all Site monitoring wells. Based on four consecutive quarters of groundwater samples below the closure goal, "no further action" status for Spill #11-06834 is requested.

Pending your approval of spill closure, the remediation infrastructure will be removed from the Site and all wells (monitoring, injection and vapor) will be decommissioned in accordance with NYSDEC guidelines. Should you have any questions or require further information, please contact the undersigned.

Sincerely,
Matrix Environmental Technologies Inc.

Steven L. Marchetti
Sr. Project Manager

Sean R. Carter, P.E.
Principal Engineer

Enclosure

cc: Amanda Kistler, Evergreen Resources Group, LLC
Kevin Dunleavy, Esq., Evergreen Resources Management Operations, a series of Evergreen Resources Group, LLC
Robert Knoer, Esq., The Knoer Group
Richard A. Moore, Esq.

QUARTERLY STATUS REPORT

2nd Quarter 2020
June 2020

Former Sunoco DUNS #0000-1289
181 Delaware Avenue
Buffalo, New York

Matrix Env. Project #10-043
Matrix Env. Project Manager: Steven L. Marchetti
NYSDEC Spill #11-06834
NYSDEC Contact: Francine Gallego

REMEDIATION INFORMATION: *Matrix Oxygen Injection System*

Equipment specifications: 80 SCFH, 32-point manifold
Injection point specifications: IP1-IP27: 1-inch ID SCH40 PVC
System Activated: October 14, 2011
System Deactivated: September 4, 2019

REMEDIATION DESCRIPTION

As a result of oxygen injection system operation and injection of sodium persulfate (Oxygen BioChem; "OBC") for *in situ* chemical oxidation (ISCO), groundwater VOC concentrations in the monitoring wells have decreased significantly in recent quarters. Approximately six months following system deactivation, dissolved oxygen (DO) and oxidation-reduction potential (ORP) levels in the monitoring wells have declined to background levels, averaging 4.2 mg/L and -32 mV respectively.

Based on four consecutive quarters of groundwater samples below the closure VOC goal of 1 mg/L, "no further action" status for Spill #11-06834 is requested.

SITE ACTIVITIES COMPLETED DURING PERIOD:

Date	Activities Completed
6/8/20	Quarterly groundwater sampling event. Groundwater monitoring included the measurement of DO, ORP, pH and temperature, and collection of groundwater samples for laboratory analysis of CP-51 List VOCs from all accessible monitoring wells.

SITE and ADJACENT PROPERTIES HISTORY:

(The 1st quarter report annually will include a complete Site History. The Site History is replaced with an abbreviated version in the 2nd, 3rd, and 4th quarter Site Status Report)

- 1889 – As indicated on an 1889 Sanborn Map, the Site, identified as 183 Delaware Avenue, was utilized as a dwelling. The properties listed as 73, 75, 79, 85, and 87 West Huron Street were also utilized as dwellings.

- 1899 – As indicated on an 1899 Sanborn Map, the Site, identified as 183 Delaware Avenue, remained a dwelling. The C.W. Miller Livery occupied 73-75 West Huron Street; 79, 85, and 87 West Huron remained dwellings.

- 1925 – As indicated on a 1925 Sanborn Map, the Site, identified as 183 Delaware Avenue, was utilized as a dwelling. 73-75 West Huron Street is identified as the Huron Garage and included one (1) gas tank (GT) near West Huron Street. 79 West Huron Street is identified as a gas station and included one (1) GT. 85 and 87 West Huron Street remained dwellings.

- May 2, 1931 (approx.) – A survey completed by the City of Buffalo Fire Department indicates the presence of one (1) 7,000-gallon, one (1) 1,000-gallon, two (2) unknown-volume tanks (all for gasoline storage), and six (6) pumps on the adjacent 77-79 West Huron Street property for the Huron Street Garage Corp. The tanks were installed in 1931. Notes on the survey indicate that the application for an additional 1,100-gallon capacity tank was disapproved on May 2, 1931.

- March 9, 1945 – A survey completed by the City of Buffalo Fire Department indicates the presence of four (4) tanks on the 75 West Huron Street property; one (1) 8,400-gallon, two (2) 1,000-gallon, and one (1) 550-gallon. The tanks were installed between 1930 and 1935, contained gasoline and alcohol, had a total capacity of 11,000 gallons, and were used for a commercial filling station. Six (6) pumps were located on the site; three inside the building. A hand drawn sketch on the back of the survey sheet identifies the location of 3 pumps inside the building, tank vents, tanks, and fill ports on the 75 West Huron Street property.

- 1951 – As indicated on a 1951 Sanborn Map, the Site, identified as 181 Delaware Avenue, was utilized as a filling station and contained four (4) GTs. 79 West Huron Street is identified as a gas station and included three (3) GTs. 73-75 West Huron Street was occupied by the Huron Garage with a capacity for 350 cars. Filling stations are identified south of the Site at 169 Delaware Avenue and southwest of the Site at 170 Delaware Avenue (with three GTs).

- January 3, 1955 – A Notice of Violations was issued from the Buffalo Fire Department Bureau of Fire Prevention to the Huron Street Garage at 75 West Huron Street to "provide mechanical ventilation for a grease pit 3rd floor, provide underground tank for waste oil, provide explosion proof bulbs for grease pit."

- July 17, 1963 – Buffalo Fire Department records indicate that one (1) 1,000-gallon tank for waste oil storage was replaced on the 73-77 West Huron Street property for the 75 West Huron Corp. The tank was for private use. A hand-drawn sketch on the back of the document identifies the location of the tank on the West Huron Street property.

- September 15, 1965 – Buffalo Fire Department records indicate the installation of one (1) 4,000-gallon capacity tank for diesel storage on the 75 West Huron Street property. The tank was installed for Hertz U Drive It and included one (1) pump. A hand-drawn sketch on the back of the document identifies the location of one (1) 4,000-gallon tank, pump island, shack, and existing waste oil tank.

- August 18, 1967 – A City of Buffalo Inter Departmental Correspondence states that there is a 1,000-gallon underground tank out of service on the 75 West Huron Street property. The correspondence states that the property owner will contact Mobil Gas for instructions and compliance.

- September 1, 1967 – the Buffalo Fire Department investigated the 75 West Huron Street property (Huron U-Drive It Corp) and determined instead that a 500-gallon gas tank was out

of use. The site assistant manager, Harry Sedler, will call Mobil Oil to inquire about replacing the tank.

- September 20, 1967 – Mobil Oil intends to replace the 500-gallon tank with a new 500-gallon tank at 75 West Huron Street.

- December 27, 1967 – Harry Sedler (misspelled "Settler") stated that Socony Oil (a.k.a. Mobil) has contracted a local contractor to complete the tank removal at 75 west Huron street according to contractor's availability.

- January 23, 1968 - Buffalo Fire Department Bureau of Fire Prevention records indicate that at 75 West Huron Street, one (1) 550-gallon capacity gasoline tank was installed and connected to one (1) pump. Permit #A39695 was issued for the work. Mobil Oil Co. is listed as the supplier. The words "Replace Leaker" are written on the bottom of the document. A hand-drawn sketch on the back of the document identifies the location of the tank.

- March 8, 1974 – Correspondence from Alvin Hyman, President of Huron U-Drive-It Corp. located at 75 West Huron Street to The Buffalo Sewer Authority states that "spillage of diesel fuel…will not occur in the future as our method of obtaining fuel has been altered. In the meantime, we have cleaned up the area in the street in front of our lot and are consulting with various paving companies concerning covering the affected area that might have presented a problem due to the spillage."

- March 13, 1974 – Buffalo Fire Department record indicates that four (4) USTs were removed from the 181 Delaware Ave. property. One (1) 4,000-gallon capacity, two (2) 3,000-gallon capacity, and one (1) 550-gallon capacity USTs were removed by Izzo Tank and Pump Co. A hand drawn sketch on the back of the document identifies the approximate locations of the USTs.

- 1980 - Stuart Gellman purchased the 181 Delaware Avenue Site from Sun Oil, Inc.

- February 6, 1980 – Correspondence from Joseph E. Hynes, Chief, Bureau of Fire Prevention, to Mr. Alvin Hyman, President of Huron U-Drive-It Corp., states that upon inspection of 75 West Huron Street, evidence of two abandoned gasoline tanks was found on the 75 West Huron Street property; one (1) 1,000-gallon capacity and one (1) 550-gallon capacity. Chief Hynes requested that the tanks be removed if they are out of service.

- February 29, 1980 – A document from the Bureau of Fire Prevention indicates that a Mr. Ray Duffy will decide whether he will remove two tanks on the 75 West Huron Street property or have them filled with concrete. The tanks in questions were reported "located in busy driveway and also under at least 10 inches of concrete and blacktop, so this office (Buffalo Fire Department Bureau of Fire Prevention) would consider allowing Mr. Duffy to have them filled with concrete if he so desires."

- October 2, 1980 – A City of Buffalo Fire Department document indicates the removal of two (2) tanks on the 75 West Huron property; one (1) 1,000-gallon capacity and one (1) 550-gallon capacity. The contractor performing the work is listed as Fleischmann Service Corp. of 74 Skillen Street, Buffalo, NY.

- 1981 – As indicated on the 1981 Sanborn Map, The Site and neighboring property to the east, 79 West Huron Street are no longer identified as filling stations.

- November 12, 1985 – Correspondence from C.A. Batt Construction Corp to Lt. Russ Knox, Buffalo Fire Department, indicates that three (3) underground petroleum storage tanks at the 75 West Huron Street property were removed by the Niagara Pump and Tank Division. The tanks capacities and contents were as follows; one (1) 8,000-gallon (unleaded gasoline); one (1) 4,000-gallon (diesel fuel); and one (1) 1,000-gallon (waste oil).

- June 28, 1993 – Enasco Inc. Environmental Services completed a Level I Environmental Report of the 75 West Huron Street property for Mr. Peter Burke, co-owner (at that time) of the property. Two (2), 275-gallon ASTs were observed on the first floor and 10 empty 55-gallon metal drums were observed on the fifth floor. The tanks were out of service and identified as "possibly empty and in good condition with no apparent leakage." Although City directories, which identified historical property use as a garage, and a 1925 Sanborn Map were reviewed, it was the opinion of Enasco that the "site carries a low probability of environmental risk."

- May 26, 1999 – Maxim Technologies Inc ("Maxim") completed a Phase I Environmental Site Assessment ("ESA") of the 75-77 West Huron Street property for Gautieri Development. The ESA included a summary of permits for the property obtained from the City of Buffalo Permit Department, which included permits for the installation of a 1,000-gallon waste oil tank, 4,000-gallon diesel tank, 550-gallon gasoline tank, and replacement of two (2) gasoline pumps. A summary of the City of Buffalo Fire Prevention Department UST records was also included and revealed nine records between 1931 and 1985 associated with the survey, installation, inspection, or removal of multiple USTs. It was the opinion of Maxim that recognized environmental concerns were present at the property; specifically, possible UST leakage and possible historic petroleum spillage. Maxim recommended that a Phase II ESA be completed.

- August 2001 – For use in a potential real estate transaction, Benchmark Environmental Engineering & Science, PLLC ("Benchmark") reviewed Sanborn Maps and excavated six (6) test pits in the parking lot of 75-77 West Huron Street property for the then-owner Huron Parking Services, Inc. No underground storage tanks or impacts to shallow soils were identified.

- June 10, 2003 – A Memo from Chief Robert J. Stasio, Fire Prevention Bureau, to Gary Ziolkowski, Director of Housing, indicated that, among other violations, gasoline is being illegally stored on the first floor of the 75 West Huron Street building.

- June 2003 - GeoEnvironmental, Inc. (GZA) performed a subsurface investigation at 75-79 West Huron on behalf of a prospective purchaser of the property via 10 soil borings throughout the parking lot. Multiple VOCs and SVOCs were detected in soil and groundwater at concentrations above NYSDEC guidance values/standards and resulted in the NYSDEC Spill #03-75208. The findings of the August 2001 Benchmark investigation and June 2003 GZA investigation were summarized by Benchmark in a document dated August 2003.

- September 2003 – Between September 17 and 29, 2003, Nature's Way Environmental Consultants (NWEC), at the request of NYSDEC, conducted a subsurface investigation at 181 Delaware via ten soil borings. Multiple VOCs were detected above guidance values in five of seven soil samples submitted for laboratory analysis.

- December 17, 2003 – Sunoco was notified by the NYSDEC that they have been identified as a potentially responsible party for the impacts discovered on 181 Delaware Avenue and 75-77 West Huron Street properties.

- May 2004 – March 2006 – GES, for Sunoco, supervised the installation of groundwater monitoring wells, completed soil and groundwater sampling and results analysis, and completed pilot testing for soil vapor extraction (SVE) and combined air sparging (AS)-SVE on the 181 Delaware Avenue property.

- January 2007 – GES collected three indoor ambient air samples from the basement of the Huron Garage building located at 73-79 West Huron Street and one outdoor air sample immediately adjacent to the garage building. Laboratory analysis of the air samples did not identify any impacts at the Huron Garage building.

- June 2007 - GES submitted a Remedial Action Plan (RAP) to the NYSDEC proposing the installation of an air-sparge (AS) and soil vapor extraction (SVE) system to address petroleum impacts. The main focus of the RAP was to remediate hydrocarbon impacts sourced from the 181 Delaware Avenue property. The footprint of the remedial system design included 181 Delaware Avenue and was extended onto a portion of the 75-77 West Huron Street property.

- August 13, 2007 – In correspondence from the NYSDEC to the Knoer Group, the NYSDEC stated that the 75-77 West Huron property "utilized underground storage tanks (USTs) to dispense fuel" and that "the former USTs contained gasoline which is the contamination of concern on both your client's (Hurondel) and the adjacent property at 181 Delaware. Given its past uses, the 75-77 West Huron property may have contributed to the contamination to be addressed by the RAP. As such, your client (Hurondel) could be considered a potentially responsible party for the spill."

- October 10, 2007 - NYSDEC approved the June 2007 RAP submitted by GES on behalf of Sunoco (to remediate impacts sourced from the 181 Delaware Avenue property).

- May-June 2008 - GES supervised the installation of air sparge wells SP-2 through SP-10, soil vapor extraction wells V-l and V-2, and installation of AS/SVE process piping. While trenching, two 1,500-gallon steel underground storage tanks (USTs) were encountered and, subsequently, closed in place at 181 Delaware Avenue. Ground-penetrating radar (GPR) and apparent conductivity surveys were also completed.

- July 14, 2008 - The SVE system was activated.

- August 28, 2008 - The AS system was activated.

- September 23, 2008 – Hydrocarbon vapors were detected in the 181 Delaware Avenue building as well as three neighboring buildings. The AS system was deactivated, and vapor mitigation activities were conducted at all affected buildings until ambient air PID readings in the buildings reduced to non-detect.

- November 30, 2009 - Following testing of the AS/SVE system, GES determined that the SVE system could not provide adequate vapor recovery while the AS was operating.

- December 7, 2009 – Since the SVE could not be used in conjunction with the AS and operating only the SVE resulted in little to no vapor recovery, the NYSDEC approved the deactivation of the SVE system. The SVE was deactivated.

- March 2010 – GES supervised the installation of groundwater monitoring well MW-12, horizontal soil vapor extraction laterals HSVE-l and HSVE-2, and completed a pilot test of in-situ technologies on the 181 Delaware Avenue property.

- March 2011 – METI supervised a Subsurface Investigation including the advancement of 18 soil borings, the installation of one (1) piezometer, and two (2) oxygen injection points. Details of the subsurface investigation were summarized in the Subsurface Investigation Results report[1].

- March 16, 2011 to April 19, 2011 – Bio-Trap® samplers from Microbial Insights, Inc. were deployed in monitoring wells MW2, MW7 and MW10 for an assessment of biodegradation potential.

- May 31, 2011 to June 20, 2011 – An oxygen injection pilot test was completed at injection points on the 181 Delaware Avenue property. Pilot test and Bio-Trap® results were summarized and presented in the 2011 RAP by METI. Also presented in the RAP was a summary of the historical use of the Site and neighboring properties to the east (73 & 77 West Huron Street) as filling stations, summary of tank permits issued for the properties, NYSDEC spill history summaries for the properties, and an evaluation of historical and recent soil and groundwater data for the properties with respect to potential plume sources. The evaluation suggested the existence of three plume sources; one on the 181 Delaware Avenue property, and two on the 77 West Huron Street property.

- July 1, 2011 to August 31, 2011 – A bioaugmentation and oxygen injection pilot test was completed in the vicinity of injection points IP1 and IP2 and monitoring well MW11. Details of the pilot test were summarized in the Remedial Action Plan Addendum.

- September 2, 2011 – Based on the data presented in the August 2011 RAP, the NYSDEC assigned a new spill number (11-06834) to impacts associated with 181 Delaware Avenue. The 75-77 West Huron property retained NYSDEC Spill #03-75208.

- October 3, 2011 to October 14, 2011 – Installation of a 32-point oxygen injection system and decommissioning of historical sparge and SVE wells on Site.

- October 14, 2011 – A full scale oxygen injection system was activated at the Site.

- October 19, 2011 to October 20, 2011 – Full scale bioaugmentation consisting of 13 biomass injections across the Site.

- December 20, 2012 – Approximately 60 pounds of concentrated diammonium phosphate was hydrated and applied to injection points across the Site. This process will continue on a monthly basis to stimulate bioremediation.

[1] "Subsurface Investigation Results, Former Sunoco Station, 181 Delaware Avenue, Buffalo, New York" prepared for Sunoco, Inc. (R&M) by METI, dated May 5, 2011.

- October 16, 2013 – The NYSDEC received a Brownfield Cleanup Program (BCP) application and a Site Investigation/Interim Remedial Measure Work Plan (SI/IRM WP) from Hurondel I, Inc. ("Hurondel") for 73-79 West Huron Street which is located directly east of the Site. The Hurondel property was assigned BCP ID #C915282.

- May 13, 2014 to June 23, 2014 – A source area dissolved oxygen (DO) drop test was conducted at the Site to evaluate the distribution of DO in the subsurface and the effects of altering current system operation parameters on groundwater contaminant concentrations.

- October 2, 2014 – The Hurondel site at 73-79 West Huron Street was accepted into the BCP as a "participant" after initially being denied as a "volunteer."

- November 3, 2014 – Sparge wells SP8, SP9, and SP10, vent wells V1, and V2, and groundwater monitoring wells MW8 and MW9, all located on the 77-79 West Huron Avenue property, were decommissioned. METI supervised Nothnagle Drilling Inc. for the over-drilling, removal of casing and grouting at each well location.

- March 9, 2015 – The excavation of soil at the Hurondel site began as part of their BCP activities; however, the site SI/IRM WP had not received NYSDEC approval at that time. Therefore, Hurondel performed the work at risk. The excavation was backfilled with clay and, for the most part, was completed on May 8, 2015. METI personnel observed the soil excavation activities on Sunoco's behalf.

- July 30, 2015 – Following four revisions, the Hurondel SI/IRM WP was approved by the NYSDEC; however, the majority of the IRM work had already been completed earlier in the year.

- April 4, 2016 – METI, on behalf of Sunoco, submitted a work plan to the NYSDEC to remove two (2) 1,500-gallon capacity USTs, and one (1) 500-gallon capacity unregistered UST at the Site. The work plan was approved by the NYSDEC on April 4, 2016 via email correspondence.

- April 6, 2016 – In accordance with the NYSDEC-approved work plan, METI deactivated injection points IP1-IP24 and began collecting groundwater samples from wells MW1R, MW3 (when accessible), MW5, and MW12 on a monthly basis to evaluate for matrix diffusion and monitor groundwater quality under static conditions.

- September 14, 2016 – The oxygen injection system was deactivated and removed from the Site in preparation of the removal of three (3) USTs.

- October 24 through November 3, 2016 – A total of five (5) USTs were removed from three areas of the Site; four (4) 1,000-gallon capacity and one (1) 550-gallon capacity. The 1,000-gallon USTs were single-walled steel construction and filled with concrete. The 550-gallon UST was single-walled construction and contained approximately 3-inches of fluid. A total of 707 tons of impacted soil was excavated from the vicinity of the USTs and disposed of at the Town of Tonawanda Landfill. Injection points IP2-4, IP7-8, IP14, and IP17, and the oxygen delivery piping to points IP5-6 and IP18 were destroyed during the remedial excavations. Well MW1R was also destroyed. A total of 1,200 pounds of powdered OBC (sodium persulfate and calcium peroxide) was applied to saturated soil in two excavations to oxidize and biodegrade residual VOCs.

- November 4, 2016 – The oxygen injection system was returned to the Site and injection points IP16, 19, 20, and 21-27 were reactivated.

- December 5, 2018 – Injection of OBC (sodium persulfate and calcium peroxide) was completed for *in situ* chemical oxidation.

- September 4, 2019 – The oxygen injection system was deactivated.

FUTURE ACTIVITIES

- Remove remediation system infrastructure and decommission groundwater monitoring wells, injection points and vapor monitoring points

CLOSURE GOALS & OBJECTIVES

The primary remedial goal is to reduce VOC concentrations in groundwater and saturated soils to within acceptable limits for spill inactive status associated with the release at 181 Delaware Avenue.

The specific objectives to meet the remedial goal include:

1. Reduce total STARS list VOC concentrations in groundwater to within 1 mg/L.

2. Reduce total STARS list VOC concentrations in soil to levels that no longer contribute to groundwater VOCs exceeding 1 mg/L.

EXPOSURE ASSESSMENT:

Potential Receptors:

- The monitoring program includes monthly vapor readings from the headspace of monitoring wells and vapor monitoring points near the onsite building. There have been no reported or detected vapor intrusion issues under the current remediation program.

Water Supply:

- Municipal source.

GENERAL GEOLOGY:

Based on subsurface investigations completed by METI, native soils at the Site consist of mostly fine-to-medium-grained sand with less than 20% silt and clay to at least 20 feet below grade; however, construction debris and fill material has been encountered at shallower depths in areas of the site. Bedrock was not encountered during subsurface investigations. The water table is present at approximately 7.5 to 10 feet below grade and historically slopes to the south-southeast. Hydrocarbon impacts in soil and groundwater have been identified and are greatest in the vicinity of monitoring well MW12.

MONITORING:

Well Specifications:	MW2 through MW-7, MW-9, MW-11, MW12: 4 -inch ID SCH40 PVC MW8: 2-inch SCH40 PVC
Gauging Frequency:	Quarterly
Groundwater Sampling Frequency and Analytical Method:	Quarterly, EPA Method 8260 CP-51 List
Laboratory Used:	VOC samples were submitted to Pace Laboratories, NYS TNI #10888. Samples for the evaluation of nutrient dosing were submitted to Test America, NYSDEC ELAP #10026.

PERMIT/LEGAL INFORMATION

- None.

LIST OF ATTACHMENTS

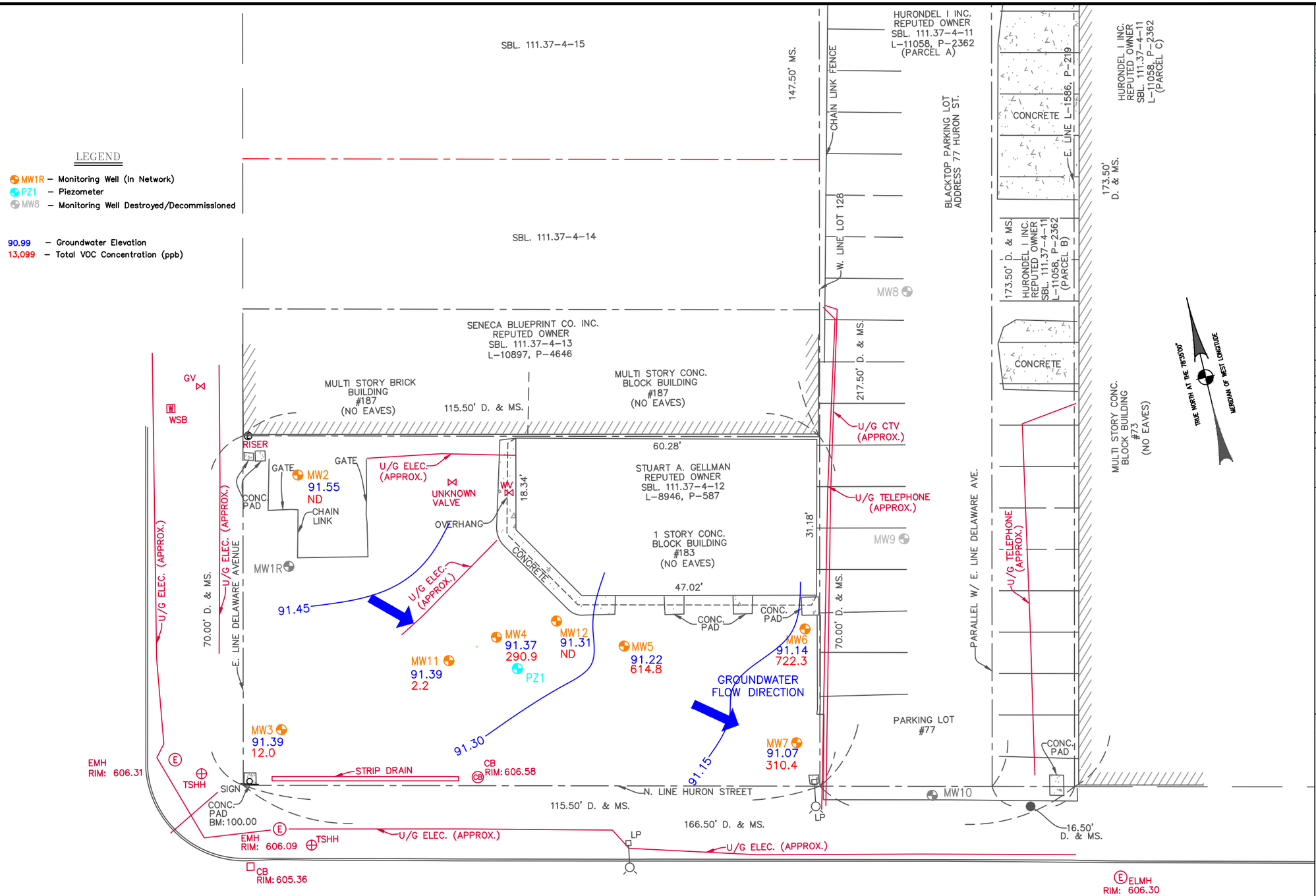
- Figure 1: Groundwater Elevations & Quality Summary

- Table 1: Historical Groundwater Data Summary
- Table 2: Groundwater Elevations
- Table 3: Groundwater VOC Data Summary
- Table 4: Dissolved Oxygen Concentrations in Monitoring Wells
- Table 5: Oxidation Reduction Potential in Monitoring Wells
- Table 6: Organic Vapor Meter Reading Summary
- Table 7: Post-Injection pH Data Summary

- Chart 1: Site Source Area Monitoring Wells
- Chart 2: Upgradient Monitoring Wells
- Chart 3: Downgradient Monitoring Wells
- Chart 4: Average Site DO
- Chart 5: Average Site ORP
- Chart 6: DO v. Groundwater Quality

- Appendix A: Laboratory Analytical Reports

FIGURES



Note: Site survey, "Boundary and Topographic Survey, 183 Delaware Avenue, Buffalo, New York", prepared by TVGA Consultants and dated May 16, 2011. **Unless specifically stated in writing, this drawing and the data presented is proprietary and the sole property of Matrix Environmental Technologies Inc (METI) and is for the expressed use of its client, or their designated representative, for the specific project/location identified on the drawing. All data and locations are for reference only and are not a guarantee of site conditions. This drawing may not be transferred, copied, or altered in any way, other than specified on the drawing, without written permission from METI. Any violation of this declaration will be at the user's risk entirely and without any risk or liability to METI.**

PREPARED BY:

MATRIX
ENVIRONMENTAL TECHNOLOGIES INC.
3730 California Road
P.O. Box 427
Orchard Park, NY 14127-0427
p:716.662.0745
www.matrixbiotech.com

PREPARED FOR:

EVERGREEN RESOURCES GROUP, LLC
WILMINGTON, DE

PROJECT MGR: SLM

DESIGNED BY: HAA

REVIEWED BY: SLM

DRAWN BY: HAA

REVISION

DATE	BY
4/1/20	CMC
6/25/20	NSM

SCALE IN FEET: 1"=20'

0 20

PROJECT NAME / LOCATION

FORMER SUNOCO STATION
181 DELAWARE AVENUE
BUFFALO, NY

NYSDEC Spill #11-06834

TITLE

GROUNDWATER ELEVATIONS
& QUALITY SUMMARY

DATE: June 8, 2020

PROJECT NO.: 10-043

FIGURE: 1

25 years dedicated to a CLEANER ENVIRONMENT 1991-2016

TABLES

Table 1

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW1	06/19/2004	8.40	0.00	91.03	ND	148	583	2,936	3,667	ND	
99.43	10/31/2005	8.48	0.00	90.95	ND	12	64	400	476	ND	
	01/30/2006	8.19	0.00	91.24	ND	93	290	2,200	2,583	ND	
4-inch PVC	04/18/2006	8.52	0.00	90.91	ND	140	660	4,500	5,300	66	
Total Depth:	10/02/2006	8.31	0.00	91.12	1.0	180	610	3,900	4,691	ND	
18'	03/13/2007	8.47	0.00	90.96	ND	19	120	940	1,079	ND	
Screen Interval:	06/25/2007	8.68	0.00	90.75	ND	44	210	1,700	1,954	ND	
3-18'	11/30/2007	8.40	0.00	91.03	ND	18	150	660	828	ND	
	02/19/2008	8.41	0.00	91.02	ND	96	230	1,200	1,526	ND	
	05/27/2008	8.63	0.00	90.80	ND	130	220	1,900	2,250	ND	
	08/28/2008	5.50	0.00	93.93	ND	44	220	1,100	1,364	ND	
	11/24/2008	8.34	0.00	91.09	ND	ND	5.8	96.7	102.5	ND	
	02/11/2009	8.28	0.00	91.15	ND	19	102	506	627	ND	
Well removed on 10/26/09, replaced with MW-1R.	05/13/2009	8.33	0.00	91.10	ND	10.3	69.4	343	422.7	ND	
	08/19/2009	7.82	0.00	91.61	ND	15.3	48.1	363	426.4	ND	
MW1R	11/17/2009	8.76	0.00	90.36	ND	ND	165	2,020	2,185	ND	
99.12	02/23/2010	8.61	0.00	90.51	ND	ND	105	923	1,028	ND	
4-inch PVC	05/17/2010	8.55	0.00	90.57	ND	ND	48.3	617	665.3	ND	
Total Depth:	09/22/2010	8.78	0.00	90.34	ND	ND	83.9	671	754.9	ND	
15'	12/07/2010	8.42	0.00	90.70	ND	ND	9.5	184	193.5	ND	
Depth to Screen:	03/16/2011	7.95	0.00	91.17	ND<0.5	ND<0.7	5.0	48	53	ND<0.5	275
4.28'	06/22/2011	8.43	0.00	90.69	ND<0.50	ND<1.0	29.8	176.2	206	ND<1.0	596.5
99.52	09/08/2011	8.45	0.00	91.07	ND<2.5	ND<5.0	9.6	165	174.6	ND<5.0	978.3
100.18	12/01/2011	8.28	0.00	91.90	ND<0.50	ND<1.0	29.5	294	323.5	ND<1.0	1,235.1
	03/26/2012	8.33	0.00	91.85	ND<0.50	ND<1.0	12.2	67.9	80.1	ND<1.0	199.9
	06/25/2012	7.38	0.00	92.80	ND<0.50	ND<1.0	14.2	160.0	174.2	ND<1.0	848.0
	09/11/2012	8.43	0.00	91.75	ND<0.50	ND<1.0	17.6	193	210.6	ND<1.0	1,063.9
	12/13/2012	8.51	0.00	91.67	ND<0.50	ND<1.0	12.6	122	134.6	ND<1.0	459.2
	03/11/2013	8.16	0.00	92.02	ND<0.50	4.4	3.5	63.5	72.0	ND<1.0	240.8
	06/07/2013	7.57	0.00	92.61	ND<0.50	ND<1.0	42.0	139	181	ND<1.0	679.4
	09/16/2013	8.45	0.00	91.73	ND<0.50	ND<1.0	68.3	352	420	ND<1.0	1,680
	12/13/2013	7.88	0.00	92.30	ND<0.50	ND<1.0	1.7	26.3	28.0	ND<1.0	187
	03/24/2014	8.25	0.00	91.93	ND<0.50	ND<1.0	1.2	4.0	5.2	ND<1.0	33.1
	06/09/2014	8.45	0.00	91.73	ND<0.50	ND<1.0	51.6	164	216	ND<1.0	1,060
	09/12/2014	8.61	0.00	91.57	ND<2.5	ND<5.0	128.0	417	545	ND<5.0	1,386
	12/08/2014	8.46	0.00	91.72	ND<0.50	ND<1.0	ND<1.0	7.6	7.6	ND<1.0	47.0
	03/24/2015	9.42	0.00	90.76	ND<0.50	ND<1.0	47.5	191	239	ND<1.0	1,019
	06/25/2015	8.86	0.00	91.32	ND<2.0	ND<4.0	53.2	365	418	ND<4.0	1,717
	09/11/2015	9.26	0.00	90.92	ND<2.0	ND<4.0	91.6	467	559	ND<4.0	2,276
	12/04/2015	9.34	0.00	90.84	ND<2.5	ND<5.0	63.0	417	480	ND<5.0	1,803
	03/11/2016	8.73	0.00	91.45	ND<1.0	ND<1.0	108	204	312	ND<1.0	1,508
	06/23/2016	9.22	0.00	90.96	ND<1.0	ND<1.0	35.4	170	206	ND<1.0	1,040
	09/28/2016	8.93	0.00	91.25	ND<1.0	ND<1.0	67.7	380	448	ND<1.0	1,730
	Well Destroyed										

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW2	06/19/2004	8.67	0.00	91.17	32	ND	ND	ND	32	ND	
99.84	10/31/2005	8.74	0.00	91.10	ND	ND	ND	ND	ND	ND	
	01/30/2006	8.46	0.00	91.38	ND	ND	ND	ND	ND	ND	
4-inch PVC	04/18/2006	8.77	0.00	91.07	ND	9.1	ND	7.7	16.8	25	
Total Depth:	10/02/2006	8.60	0.00	91.24	ND	ND	ND	ND	ND	ND	
20'	03/13/2007	8.73	0.00	91.11	ND	ND	ND	ND	ND	ND	
Depth to Screen:	06/25/2007	8.91	0.00	90.93	ND	ND	ND	ND	ND	ND	
7.38'	11/30/2007	8.70	0.00	91.14	ND	ND	ND	ND	ND	ND	
	02/19/2008	8.60	0.00	91.24	ND	ND	ND	5.7	5.7	ND	
	05/27/2008	8.89	0.00	90.95	ND	ND	ND	ND	ND	ND	
	08/28/2008	6.01	0.00	93.83	ND	ND	ND	ND	ND	ND	
	11/24/2008	9.18	0.00	90.66	ND	ND	ND	ND	ND	ND	
	02/11/2009	8.70	0.00	91.14	ND	ND	ND	ND	ND	ND	
	05/13/2009	8.80	0.00	91.04	ND	ND	ND	ND	ND	ND	
	08/19/2009	8.37	0.00	91.47	ND	ND	ND	ND	ND	ND	
	11/17/2009	8.98	0.00	90.86	ND	ND	ND	ND	ND	ND	
	02/23/2010	8.87	0.00	90.97	ND	ND	ND	ND	ND	ND	
	05/17/2010	8.75	0.00	91.09	ND	ND	ND	ND	ND	ND	
	09/22/2010	8.99	0.00	90.85	ND	ND	ND	ND	ND	ND	
	12/07/2010	8.64	0.00	91.20	ND	ND	ND	ND	ND	ND	
	03/16/2011	8.26	0.00	91.58	ND<0.5	ND<0.7	ND<0.8	ND<1.6	ND	ND<0.5	ND
	06/22/2011	8.70	0.00	91.14	ND<0.5	ND<1..0	ND<1.0	ND<1.0	ND	ND<1.0	ND
	09/08/2011	8.71	0.00	91.13	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND	ND<1.0	ND
100.74	12/01/2011	8.70	0.00	92.04	ND<0.5	ND<1.0	ND<1.0	3.0	3	ND<1.0	44
	03/26/2012	8.83	0.00	91.91	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND	ND<1.0	5.9
	06/25/2012	8.91	0.00	91.83	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND	3	ND
	09/11/2012	8.88	0.00	91.86	ND<0.50	ND<1.0	ND<1.0	3.2	3.2	ND<1.0	34.3
	12/13/2012	9.02	0.00	91.72	ND<0.50	ND<1.0	ND<1.0	13.7	13.7	ND<1.0	130.5
	03/11/2013	8.75	0.00	91.99	ND<0.50	2	1	12.9	15.9	ND<1.0	87.4
	06/07/2013	8.52	0.00	92.22	ND<0.50	ND<1.0	ND<1.0	5.1	7.6	ND<1.0	26.8
	09/16/2013	8.94	0.00	91.80	ND<0.50	ND<1.0	ND<1.0	4.5	4.5	ND<1.0	40.3
	12/13/2013	8.89	0.00	91.85	ND<0.50	ND<1.0	ND<1.0	7.1	7.1	ND<1.0	30.6
	03/24/2014	8.75	0.00	91.99	ND<0.50	ND<1.0	ND<1.0	4.1	4.1	ND<1.0	38.3
	06/09/2014	8.86	0.00	91.88	ND<0.50	ND<1.0	ND<1.0	4.0	4.0	ND<1.0	9.0
	09/12/2014	9.10	0.00	91.64	ND<0.50	ND<1.0	ND<1.0	2.3	2.3	ND<1.0	2.3
	12/08/2014	9.02	0.00	91.72	ND<0.50	ND<1.0	ND<1.0	1.3	1.3	ND<1.0	1.3
	03/24/2015	9.95	0.00	90.79	ND<0.50	ND<1.0	ND<1.0	1.4	1.4	ND<1.0	8.0
	06/25/2015	9.40	0.00	91.34	ND<0.50	ND<1.0	0.38	4.8	5.2	ND<1.0	16.0
	09/11/2015	9.74	0.00	91.00	ND<0.50	ND<1.0	ND<1.0	1.6	1.6	ND<1.0	10.8
	12/04/2015	9.85	0.00	90.89	ND<0.50	ND<1.0	ND<1.0	2.4	2.4	ND<1.0	5.5
	03/11/2016	9.28	0.00	91.46	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	4.1
	06/23/2016	9.74	0.00	91.00	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	5.2
	09/28/2016	9.40	0.00	91.34	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	7.1
	12/01/2016	9.48	0.00	91.26	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	1.1
	03/23/2017	9.40	0.00	91.34	ND<1.0	ND<1.0	ND<1.0	6.2	6.2	ND<1.0	7.5
	06/23/2017	9.28	0.00	91.46	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	09/22/2017	9.65	0.00	91.09	ND<1.0	ND<1.0	ND<1.0	11.9	11.9	ND<1.0	15.0
	12/08/2017	9.48	0.00	91.26	ND<1.0	ND<1.0	ND<1.0	6.7	6.7	ND<1.0	13.1
	03/26/2018	9.39	0.00	91.35	ND<1.0	ND<1.0	ND<1.0	28.7	28.7	ND<1.0	45.5
	06/22/2018	9.49	0.00	91.25	ND<1.0	ND<1.0	ND<1.0	8.7	8.7	ND<1.0	14.9
	09/25/2018	9.63	0.00	91.11	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	5.2
	12/13/2018	9.19	0.00	91.55	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/21/2019	9.47	0.00	91.27	ND<1.0	ND<1.0	ND<1.0	5.2	5.2	ND<1.0	7.6
	06/07/2019	9.56	0.00	91.18	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	5.8
	09/18/2019	9.40	0.00	91.34	ND<1.0	ND<1.0	ND<1.0	1.2	1.2	ND<1.0	5.3
	12/31/2019	9.13	0.00	91.61	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/25/2020	9.36	0.00	91.38	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/08/2020	**9.19**	**0.00**	**91.55**	**ND<1.0**	**ND<1.0**	**ND<1.0**	**ND<2.0**	**ND**	**ND<1.0**	**ND**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW3	06/19/2004	7.81	0.00	90.97	ND	ND	ND	7,250	7,250	ND	
98.78	10/31/2005	NG	0.00	NG	NS	NS	NS	NS	NS	NS	
	01/30/2006	7.63	0.00	91.15	ND	3.9	220	470	693.9	ND	
4-inch PVC	04/18/2006	7.91	0.00	90.87	ND	9.4	750	3,400	4,159	ND	
Total Depth:	10/02/2006	7.75	0.00	91.03	ND	4.4	390	1,500	1,894	ND	
20'	03/13/2007	7.98	0.00	90.80	ND	17	980	4,500	5,497	ND	
Depth to Screen:	06/25/2007	8.18	0.00	90.60	ND	8.6	780	3,100	3,889	ND	
8.06'	11/30/2007	7.86	0.00	90.92	ND	18	1,200	3,400	4,618	ND	
	02/19/2008	7.71	0.00	91.07	ND	ND	36	61	97	ND	
	05/27/2008	8.11	0.00	90.67	ND	ND	13	22	35	ND	
	08/28/2008	7.97	0.00	90.81	29	97	930	6,500	7,556	ND	
	11/24/2008	8.28	0.00	90.50	5.7	5.0	16.1	240	267	ND	
	02/11/2009	7.73	0.00	91.05	ND	12	307	529	848	ND	
	05/13/2009	8.89	0.00	89.89	ND	ND	333	424	757	ND	
	08/19/2009	7.87	0.00	90.91	ND	10.5	1,520	3,330	4,861	ND	
	11/17/2009	8.19	0.00	90.59	ND	9.3	1,070	2,880	3,959	ND	
	02/23/2010	8.01	0.00	90.77	ND	13.2	1,370	4,940	6,323	ND	
	05/17/2010	7.95	0.00	90.83	ND	9.0	1,070	3,690	4,769	ND	
	09/22/2010	8.17	0.00	90.61	ND	6.6	373	978	1,358	ND	
	12/07/2010	7.79	0.00	90.99	ND	28.9	1,480	3,780	5,289	ND	
	03/16/2011	7.28	0.00	91.50	1.0	12.0	1,000	1,340	2,353	ND<1.0	3,806
	06/22/2011	7.80	0.00	90.98	1.2	10.5	786	1,810	2,608	ND<1.0	3,611
	09/08/2011	7.85	0.00	90.93	ND<10	92.7	1,880	7,360	9,333	ND<20	11,291
99.39	12/01/2011	7.29	0.00	92.10	ND<0.50	26.3	831	5,690	6,547	ND<1.0	8,655
	03/26/2012	7.25	0.00	92.14	ND<5.0	27.0	1,010	6,540	7,577	ND<10	9,405
	06/25/2012	7.66	0.00	91.73	ND<5.0	19.8	1,170	6,740	7,930	ND<10	10,711
	09/11/2012	7.71	0.00	91.68	ND<5.0	ND<10	487	3,560	4,047	ND<10	6,068
	12/13/2012	7.82	0.00	91.57	ND<0.50	5.0	670	4,070	4,745	ND<1.0	6,840
	03/11/2003	7.38	0.00	92.01	ND<0.10	ND<0.20	573	3,560	4,133	ND<2.0	5,394
	06/07/2013	7.29	0.00	92.10	ND<2.0	4.3	1,220	3,760	4,984	ND<4.0	7,058
	09/16/2013	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	12/13/2013	7.87	0.00	91.52	ND<1.0	ND<2.0	244	973	1,217	ND<2.0	2,098
	03/24/2014	7.50	0.00	91.89	ND<0.50	ND<1.0	123	616	739	ND<1.0	1,181
	06/09/2014	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	09/12/2014	7.81	0.00	91.58	ND<0.50	ND<1.0	124	339	463	ND<1.0	648
	12/08/2014	7.70	0.00	91.69	ND<0.50	1.2	244	765	1,010	ND<1.0	1,408
	03/24/2015	8.70	0.00	90.69	ND<0.50	ND<1.0	309	971	1,280	ND<1.0	1,792
	06/25/2015	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	09/11/2015	7.98	0.00	91.41	ND<2.5	ND<5.0	274	463	737	ND<5.0	835
	12/04/2015	8.69	0.00	90.70	ND<1.0	ND<2.0	194	837	1,031	ND<2.0	1,398
	03/11/2016	7.99	0.00	91.40	ND<1.0	ND<1.0	1.5	8.1	9.6	ND<1.0	13.4
	06/23/2016	8.53	0.00	90.86	ND<1.0	ND<1.0	528	1,709	2,237	ND<1.0	2,876
	09/28/2016	8.24	0.00	91.15	ND<1.0	ND<1.0	464	580	1,044	ND<1.0	1,651
	12/01/2016	8.30	0.00	91.09	ND<1.0	ND<1.0	294	262	556	ND<1.0	923
	03/23/2017	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	06/23/2017	8.09	0.00	91.30	ND<1.0	ND<1.0	316	597	913	ND<1.0	1,205
	09/22/2017	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	12/08/2017	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	03/26/2018	NG	0.00	NG	NSI	NSI	NSI	NSI	NSI	NSI	NSI
	07/26/2018	NG	0.00	NG	ND<1.0	ND<1.0	314	649	963	ND<1.0	1,381
	09/25/2018	8.44	0.00	90.95	ND<1.0	ND<1.0	529	1,403	1,932	ND<1.0	2,883
	12/19/2018	8.15	0.00	91.24	6.2	ND<1.0	ND<1.0	ND<2.0	6.2	ND<1.0	6.2
	04/18/2019	7.99	0.00	91.40	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND	ND
	07/11/2019	NG	0.00	NG	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND	ND
	10/10/2019	NG	0.00	NG	1.6	ND<1.0	ND<1.0	ND<2.0	1.6	ND<1.0	1.6
	12/31/2019	8.11	0.00	91.28	ND<1.0	ND<1.0	2.2	2.6	4.8	ND<1.0	6.1
	03/25/2020	8.15	0.00	91.24	ND<1.0	ND<1.0	3.4	33.8	37.2	ND<1.0	48.0
	06/08/2020	**8.00**	**0.00**	**91.39**	**ND<1.0**	**ND<1.0**	**2.6**	**9.4**	**12.0**	**ND<1.0**	**12.0**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW4	06/19/2004	8.47	0.00	90.93	286	4,630	2,120	8,920	15,956	ND	
99.40	10/31/2005	8.52	0.00	90.88	300	1,600	1,100	8,600	11,600	ND	
	01/30/2006	8.31	0.01	91.10	NSP	NSP	NSP	NSP	NSP	NSP	
4-inch PVC	04/18/2006	8.57	0.00	90.83	390	1,900	1,800	7,900	11,990	ND	
Total Depth:	10/02/2006	8.33	0.02	91.09	NSP	NSP	NSP	NSP	NSP	NSP	
20'	03/13/2007	8.39	0.24	91.20	NSP	NSP	NSP	NSP	NSP	NSP	
Depth to Screen:	06/25/2007	9.00	0.31	90.65	NSP	NSP	NSP	NSP	NSP	NSP	
8.63'	11/30/2007	8.23	0.18	91.31	NSP	NSP	NSP	NSP	NSP	NSP	
	02/19/2008	8.43	0.02	90.99	NSP	NSP	NSP	NSP	NSP	NSP	
	05/27/2008	8.61	0.00	90.79	120	1,300	3,300	16,000	20,720	ND	
	08/28/2008	4.73	0.00	94.67	390	2,600	3,100	14,000	20,090	ND	
	11/24/2008	8.90	0.00	90.50	29.4	640	2,540	10,900	14,109	ND	
	02/11/2009	8.40	0.00	91.00	22.5	275	1,820	5,490	7,608	ND	
	05/13/2009	8.58	0.00	90.82	25.6	212	1,920	4,660	6,818	ND	
	08/19/2009	8.57	0.00	90.83	23.9	372	2,280	6,870	9,546	ND	
	11/17/2009	8.96	0.00	90.44	ND	304	1,060	2,650	4,014	ND	
	02/23/2010	8.83	0.00	90.57	ND	277	984	2,860	4,121	ND	
	05/17/2010	8.60	0.00	90.80	7.9	489	1,180	4,010	5,687	ND	
	09/22/2010	8.80	0.00	90.60	7.6	294	1,220	3,550	5,072	ND	
	12/07/2010	8.53	0.00	90.87	34.6	677	1,510	4,030	6,252	ND	
	03/16/2011	8.03	0.00	91.37	35.0	770	2,600	6,400	9,805	ND<3.0	12,895
	06/22/2011	8.46	0.00	90.94	22.7	766	2,280	5,990	9,059	ND<1.0	12,711
99.45	09/08/2011	8.52	0.00	90.88	29.7	764	1,670	4,980	7,444	ND<10	9,404
100.21	12/01/2011	8.37	0.02	91.84	16.1	801	1,280	9,040	11,137	ND<1.0	17,336
	03/26/2012	8.49	0.00	91.72	ND<10	848	839	8,490	10,177	ND<20	14,201
	06/25/2012	8.63	0.00	91.58	ND<10	915	1,280	8,630	10,825	ND<20	14,593
	09/11/2012	7.85	0.00	92.36	ND<5.0	332	666	5,900	6,898	ND<10	10,806
	12/13/2012	8.64	0.00	91.57	ND<0.50	98.5	54.2	4,970	5,123	ND<1.0	11,286
	03/11/2013	8.40	0.00	91.81	ND<0.25	108.0	403.0	5,510	6,021	ND<50	11,695
	06/07/2013	8.19	0.00	92.02	ND<10	54.4	658.0	7,560	8,272	ND<20	11,326
	09/16/2013	8.64	0.00	91.57	ND<0.50	7.7	167	1,140	1,315	ND<1.0	2,015
	12/13/2013	8.49	0.00	91.72	ND<0.50	1.3	7.4	41.9	50.6	ND<1.0	66.7
	03/24/2014	8.45	0.00	91.76	ND<0.50	4.2	65.4	631	701	ND<1.0	1,077
	06/09/2014	8.42	0.00	91.79	ND<0.50	2.7	27.8	342	373	ND<1.0	584
	09/12/2014	8.79	0.00	91.42	ND<0.50	ND<1.0	15.7	236	252	ND<1.0	468
	12/08/2014	8.69	0.00	91.52	ND<0.50	2.7	27.4	329	359	ND<1.0	646
	03/24/2015	9.69	0.00	90.52	ND<0.50	ND<1.0	5.0	67	72	ND<1.0	157
	06/25/2015	9.08	0.00	91.13	ND<0.50	2.5	15.7	162	180	ND<1.0	383
	09/11/2015	9.35	0.00	90.86	ND<0.50	0.56	12.3	105	118	ND<1.0	435
	12/04/2015	9.54	0.00	90.67	ND<0.50	ND<1.0	12.8	152	165	ND<1.0	718
	03/11/2016	8.94	0.00	91.27	ND<1.0	ND<1.0	2.5	69	71	ND<1.0	193
	06/23/2016	9.36	0.00	90.85	ND<1.0	31.5	108	81.1	221	ND<1.0	721
	09/28/2016	9.08	0.00	91.13	ND<1.0	23.4	53.1	44.3	121	ND<1.0	455
	12/01/2016	9.51	0.00	90.70	ND<1.0	1.1	2.1	93.0	96.2	ND<1.0	363
	03/23/2017	9.05	0.00	91.16	ND<1.0	ND<1.0	ND<1.0	5.9	5.9	ND<1.0	16.5
	06/23/2017	8.88	0.00	91.33	ND<1.0	7.1	31.7	92.8	131.6	ND<1.0	283
	09/22/2017	9.28	0.00	90.93	ND<1.0	ND<1.0	ND<1.0	7.4	7.4	ND<1.0	79.7
	12/08/2017	9.15	0.00	91.06	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	2.3
	03/26/2018	9.06	0.00	91.15	ND<1.0	ND<1.0	ND<1.0	19.8	19.8	ND<1.0	46.0
	06/22/2018	9.17	0.00	91.04	ND<1.0	20.6	21.4	64.9	106.9	ND<1.0	134.2
	09/25/2018	9.30	0.00	90.91	ND<1.0	ND<1.0	9.4	1.0	10.4	ND<1.0	69.3
	12/13/2018	8.78	0.00	91.43	ND<1.0	ND<1.0	1.8	5.1	6.9	ND<1.0	13.3
	03/21/2019	9.18	0.00	91.03	ND<1.0	ND<1.0	ND<1.0	7.8	7.8	ND<1.0	17.1
	06/07/2019	9.16	0.00	91.05	ND<1.0	10.0	20.9	48.2	79.1	ND<1.0	162.7
	09/18/2019	9.06	0.00	91.15	ND<1.0	5.2	22.4	21.9	49.5	ND<1.0	171.2
	12/31/2019	8.95	0.00	91.26	ND<1.0	3.3	13.7	25.2	42.2	ND<1.0	77.0
	03/25/2020	9.02	0.00	91.19	ND<1.0	27.2	30.3	193	250	ND<1.0	418
	06/08/2020	**8.84**	**0.00**	**91.37**	**ND<1.0**	**26.5**	**73.6**	**30**	**130**	**ND<1.0**	**290.9**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW5	06/19/2004	8.64	0.00	90.92	ND	2,940	2,030	7,870	12,840	ND	
99.56	10/31/2005	8.72	0.00	90.84	ND	220	390	670	1,280	ND	
	01/30/2006	8.51	0.00	91.05	10	2,100	1,300	4,700	8,110	ND	
4-inch PVC	04/18/2006	8.72	0.00	90.84	ND	1,200	780	2,700	4,680	ND	
Total Depth:	10/02/2006	8.55	0.00	91.01	2.7	810	650	2,200	3,663	ND	
20'	03/13/2007	8.71	0.00	90.85	ND	1,700	950	4,200	6,850	ND	
Depth to Screen:	06/25/2007	9.38	0.00	90.18	ND	1,200	910	3,200	5,310	ND	
8.58'	11/30/2007	8.70	0.00	90.86	ND	780	970	2,400	4,150	ND	
	02/19/2008	8.63	0.00	90.93	ND	870	390	1,100	2,360	ND	
	05/27/2008	8.85	0.00	90.71	ND	1,900	1,400	4,200	7,500	ND	
	08/28/2008	2.62	0.00	96.94	ND	63	61	200	324	ND	
	11/24/2008	9.02	0.00	90.54	ND	27.6	45.8	104	177.4	ND	
	02/11/2009	8.64	0.00	90.92	ND	614	393	918	1,925	ND	
	05/13/2009	8.72	0.00	90.84	ND	885	1,350	3,740	5,975	ND	
	08/19/2009	8.69	0.00	90.87	ND	1,750	1,560	3,970	7,280	ND	
	11/17/2009	9.01	0.00	90.55	ND	2,390	1,360	4,570	8,320	ND	
	02/23/2010	8.90	0.00	90.66	ND	2,300	1,550	5,810	9,660	ND	
	05/17/2010	8.72	0.00	90.84	ND	1,260	1,080	3,840	6,180	ND	
	09/22/2010	8.97	0.00	90.59	ND	1,100	322	944	2,366	ND	
	12/07/2010	8.60	0.00	90.96	ND	1,440	1,250	4,110	6,800	ND	
	03/16/2011	8.19	0.00	91.37	ND<1.0	1,200	1,100	3,280	5,580	ND<1.0	6,722
	06/22/2011	8.63	0.00	90.93	0.9	1,490	1,300	3,930	6,721	ND<1.0	8,421
	09/08/2011	8.64	0.00	90.92	ND<2.5	781	820	1,950	3,551	ND<5.0	4,538
100.32	12/01/2011	8.58	0.00	91.74	0.7	659	833	2,330	3,823	ND<1.0	5,122
	03/26/2012	8.70	0.00	91.62	ND<2.5	556	851	1,860	3,267	ND<5.0	4,154
	06/25/2012	8.80	0.00	91.52	ND<5.0	623	860	2,420	3,903	ND<10	5,051
	09/11/2012	8.71	0.00	91.61	ND<5.0	189	569	1,850	2,608	ND<10	3,731
	12/13/2012	8.82	0.00	91.50	ND<0.50	546	605	1,170	2,321	ND<1.0	2,970
	03/11/2013	8.68	0.00	91.64	ND<0.50	491	535	1,170	2,196	ND<10	2,942
	06/07/2013	8.46	0.00	91.86	ND<2.0	719	1,090	1,460	3,269	ND<4.0	4,532
	09/16/2013	8.83	0.00	91.49	ND<0.50	590	808	1,280	2,678	ND<1.0	3,865
	12/13/2013	8.78	0.00	91.54	ND<2.5	543	944	1,200	2,687	ND<5.0	3,980
	03/24/2014	8.62	0.00	91.70	ND<0.50	55.2	150	135	340	ND<1.0	751
	06/09/2014	8.59	0.00	91.73	ND<0.50	59.7	113	110	283	ND<1.0	394
	09/12/2014	8.85	0.00	91.47	ND<0.50	253	620	675	1,548	ND<1.0	2,337
	12/08/2014	8.78	0.00	91.54	ND<1.0	210	638	725	1,573	ND<2.0	2,251
	03/24/2015	9.90	0.00	90.42	ND<0.5	21.1	124	230	375	ND<1.0	541
	06/25/2015	9.24	0.00	91.08	ND<2.5	62.3	595	669	1,326	ND<5.0	1,965
	09/11/2015	8.64	0.00	91.68	ND<1.0	26.8	386	720	1,133	ND<5.0	1,659
	12/04/2015	9.52	0.00	90.80	ND<1.0	34.2	1,000	1,270	2,304	ND<2.0	3,689
	03/11/2016	8.98	0.00	91.34	ND<1.0	3.4	64.8	178	246	ND<1.0	331
	06/23/2016	9.49	0.00	90.83	ND<1.0	24.2	126	228	378	ND<1.0	512
	09/28/2016	9.30	0.00	91.02	ND<1.0	10.0	247	242	499	ND<1.0	712
	12/01/2016	9.36	0.00	90.96	ND<1.0	5.4	123	92	221	ND<1.0	367
	03/23/2017	9.11	0.00	91.21	ND<1.0	3.5	67.0	46.4	116.9	ND<1.0	176.2
	06/23/2017	9.01	0.00	91.31	ND<1.0	84.7	346	332	762	ND<1.0	1,051
	09/22/2017	9.40	0.00	90.92	ND<1.0	12.9	243	247	503	ND<1.0	777
	12/08/2017	9.19	0.00	91.13	ND<1.0	8.0	33.6	8.5	50.1	ND<1.0	82.6
	03/26/2018	9.10	0.00	91.22	ND<1.0	164	201	231	596	ND<1.0	755
	06/22/2018	9.17	0.00	91.15	ND<1.0	28.1	218	169	416	ND<1.0	657
	09/25/2018	9.33	0.00	90.99	ND<1.0	29.3	87.1	46.8	163	ND<1.0	218
	12/13/2018	9.03	0.00	91.29	ND<1.0	5.4	79.9	162.2	248	ND<1.0	342
	03/21/2019	9.31	0.00	91.01	ND<1.0	76.1	212.0	110.6	399	ND<1.0	560
	06/07/2019	9.29	0.00	91.03	ND<1.0	11.1	107	18.0	136	ND<1.0	250
	09/18/2019	9.30	0.00	91.02	ND<1.0	27.4	335	28.1	391	ND<1.0	597
	12/31/2019	9.21	0.00	91.11	ND<1.0	16.7	540	29.7	586	ND<1.0	1,311
	03/25/2020	9.28	0.00	91.04	ND<1.0	13.7	260	106	380	ND<1.0	833
	06/08/2020	**9.10**	**0.00**	**91.22**	**ND<1.0**	**10.4**	**139**	**155.6**	**305**	**ND<1.0**	**614.8**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW6	06/19/2004	9.19	0.00	90.81	ND	4,080	1,750	7,740	13,570	ND	
100.00	10/31/2005	9.31	0.00	90.69	ND	2,600	1,300	5,800	9,700	ND	
	01/30/2006	9.03	0.00	90.97	ND	4,400	1,200	5,500	11,100	ND	
4-inch PVC	04/18/2006	9.31	0.00	90.69	80	2,400	740	3,500	6,720	18	
Total Depth:	10/02/2006	9.14	0.00	90.86	4.0	4,500	1,300	5,500	11,304	ND	
20'	03/13/2007	9.27	0.00	90.73	ND	3,900	980	4,900	9,780	ND	
Depth to Screen:	06/25/2007	10.47	0.00	89.53	ND	3,500	830	3,800	8,130	ND	
8.68'	11/30/2007	9.23	0.00	90.77	ND	1,200	260	1,700	3,160	ND	
	02/19/2008	9.21	0.00	90.79	ND	1,300	190	980	2,470	ND	
	05/27/2008	9.39	0.00	90.61	ND	1,200	390	2,200	3,790	ND	
	08/28/2008	7.79	0.00	92.21	ND	190	110	360	660	ND	
	11/24/2008	9.55	0.00	90.45	ND	6.0	ND	69.5	75.5	ND	
	02/11/2009	9.22	0.00	90.78	ND	1,110	652	2,340	4,102	ND	
	05/13/2009	9.27	0.00	90.73	ND	2,430	1,460	5,840	9,730	ND	
	08/19/2009	9.24	0.00	90.76	ND	1,930	1,030	3,940	6,900	ND	
	11/17/2009	9.45	0.00	90.55	ND	2,760	1,120	4,900	8,780	ND	
	02/23/2010	9.42	0.00	90.58	ND	3,870	1,720	8,070	13,660	ND	
	05/17/2010	9.21	0.00	90.79	ND	2,020	749	3,570	6,339	ND	
	09/22/2010	9.48	0.00	90.52	ND	1,550	276	1,070	2,896	ND	
	12/07/2010	9.18	0.00	90.82	ND	1,760	764	3,380	5,904	ND	
	03/16/2011	8.81	0.00	91.19	ND<3.0	2,300	850	3,900	7,050	ND<3.0	8,282
	06/22/2011	9.17	0.00	90.83	ND<0.50	1,160	785	3,050	4,995	ND<1.0	6,446
100.03	09/08/2011	9.19	0.00	90.84	ND<2.5	790	593	2,140	3,523	ND<5.0	4,169
100.69	12/01/2011	8.98	0.00	91.71	ND<0.50	912	143	4,360	5,415	ND<1.0	6,592
	03/26/2012	9.10	0.00	91.59	ND<2.5	170	44	3,000	3,214	ND<5.0	3,976
	06/25/2012	9.19	0.00	91.50	ND<5.0	447	62	3,750	4,259	ND<10	5,147
	09/11/2012	9.14	0.00	91.55	ND<5.0	362	28.1	2,410	2,800	ND<10	3,363
	12/13/2012	9.19	0.00	91.50	ND<0.50	395	27.2	3,140	3,562	ND<1.0	4,355
	03/11/2013	9.03	0.00	91.66	ND<0.50	384	18.4	3,330	3,732	ND<10	4,476
	06/07/2013	8.83	0.00	91.86	ND<0.50	40.5	20.4	573	634	ND<1.0	831
	09/16/2013	9.20	0.00	91.49	ND<0.50	34.2	31.7	385	451	ND<1.0	672
	12/13/2013	9.22	0.00	91.47	ND<1.0	52.4	9.6	905	967	ND<2.0	1,151
	03/24/2014	8.74	0.00	91.95	ND<0.50	32.7	2.7	405	440	ND<1.0	509
	06/09/2014	9.10	0.00	91.59	ND<0.50	101.0	14.0	1,560	1,675	ND<1.0	2,017
	09/12/2014	9.32	0.00	91.37	ND<0.50	22.3	6.2	642	671	ND<1.0	872
	12/08/2014	9.28	0.00	91.41	ND<0.50	1.6	1.3	49.4	52.3	ND<1.0	61.8
	03/24/2015	10.38	0.00	90.31	ND<0.50	1.4	2.4	13.1	16.9	ND<1.0	23.9
	06/25/2015	9.68	0.00	91.01	ND<0.50	5.5	3.2	260.0	268.7	ND<1.0	317.4
	09/11/2015	9.66	0.00	91.03	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND	ND<1.0	ND
	12/04/2015	10.04	0.00	90.65	ND<0.50	ND<1.0	ND<1.0	1.3	1.3	ND<1.0	1.3
	03/11/2016	9.51	0.00	91.18	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	1.0
	06/23/2016	10.01	0.00	90.68	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	09/28/2016	9.70	0.00	90.99	ND<1.0	1.1	ND<1.0	19.6	20.7	ND<1.0	21.9
	12/01/2016	9.74	0.00	90.95	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/23/2017	9.56	0.00	91.13	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/23/2017	9.44	0.00	91.25	ND<1.0	ND<1.0	ND<1.0	13.4	13.4	ND<1.0	16.3
	09/22/2017	9.90	0.00	90.79	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	12/08/2017	9.75	0.00	90.94	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/26/2018	9.69	0.00	91.00	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/22/2018	9.77	0.00	90.92	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	09/25/2018	9.77	0.00	90.92	ND<1.0	41.0	15.1	59.4	115.5	ND<1.0	122.7
	12/13/2018	9.39	0.00	91.30	ND<1.0	ND<1.0	ND<1.0	10.1	10.1	ND<1.0	12.8
	03/21/2019	9.38	0.00	91.31	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/07/2019	9.86	0.00	90.83	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	09/18/2019	9.72	0.00	90.97	ND<1.0	5.4	2.1	478	486	ND<1.0	627
	12/31/2019	9.62	0.00	91.07	ND<1.0	3.4	18.1	137	159	ND<1.0	221
	03/25/2020	9.69	0.00	91.00	ND<1.0	3.4	11.3	210	224	ND<1.0	384
	06/08/2020	**9.55**	**0.00**	**91.14**	**ND<1.0**	**9.4**	**3.7**	**476**	**489.1**	**ND<1.0**	**722.3**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW7	06/19/2004	7.98	0.00	90.79	648	3,100	2,320	10,450	16,518	ND	
98.77	10/31/2005	8.11	0.00	90.66	710	2,400	1,300	7,800	12,210	ND	
	01/30/2006	7.85	0.00	90.92	870	4,200	2,500	13,000	20,570	ND	
4-inch PVC	04/18/2006	8.07	0.00	90.70	910	4,800	2,400	13,000	21,110	ND	
Total Depth:	10/02/2006	7.91	0.00	90.86	560	3,900	2,100	9,500	16,060	ND	
20'	03/13/2007	NG-i	0.00	NG-i	NSI	NSI	NSI	NSI	NSI	NSI	
Depth to Screen:	06/25/2007	8.29	0.00	90.48	ND	ND	ND	ND	ND	ND	
8.58'	11/30/2007	8.02	0.00	90.75	160	2,500	1,500	8,700	12,860	ND	
	02/19/2008	8.04	0.00	90.73	200	3,300	1,700	8,300	13,500	ND	
	05/27/2008	8.18	0.00	90.59	22	190	360	1,900	2,472	ND	
	08/28/2008	7.49	0.00	91.28	ND	310	180	610	1,100	ND	
	11/24/2008	8.79	0.00	89.98	48.9	2,130	365	8,350	10,894	ND	
	02/11/2009	8.45	0.00	90.32	36.1	1,070	823	3,650	5,579	ND	
	05/13/2009	8.50	0.00	90.27	71.8	1,450	2,350	10,000	13,872	ND	
	08/19/2009	8.47	0.00	90.30	57.3	1,950	2,590	13,600	18,197	ND	
	11/17/2009	8.76	0.00	90.01	38.1	2,150	1,920	9,010	13,118	ND	
	02/23/2010	NG-i	0.00	NG-i	NSI	NSI	NSI	NSI	NSI	NSI	
	05/17/2010	8.48	0.00	90.29	23.4	2,240	1,960	9,570	13,793	ND	
	09/22/2010	NG-i	0.00	NG-i	NSI	NSI	NSI	NSI	NSI	NSI	
	12/07/2010	8.41	0.00	90.36	18.9	2,820	1,890	9,990	14,719	ND	
	03/16/2011	7.96	0.00	90.81	12	2,200	1,800	9,500	13,512	ND<3.0	15,362
	06/22/2011	8.36	0.00	90.41	11.9	2,290	1,830	9,840	13,972	ND<1.0	16,421
99.17	09/08/2011	8.40	0.00	90.77	51.1	2,930	2,200	10,600	15,781	ND<20	17,569
99.96	12/01/2011	8.32	0.00	91.64	2.2	568	208	10,400	11,178	ND<1.0	13,459
	03/26/2012	8.43	0.00	91.53	ND<5.0	132	60.2	6,740	6,932	ND<10	8,435
	06/25/2012	8.52	0.00	91.44	ND<5.0	60.6	21.8	5,810	5,892	ND<10	7,163
	09/11/2012	8.53	0.00	91.43	ND<5.0	40.1	54.9	2,660	2,755	ND<10	3,669
	12/13/2012	8.65	0.00	91.31	ND<0.50	4.1	20.5	645	669.6	ND<1.0	1,002
	03/11/2013	8.31	0.00	91.65	ND<0.50	2.3	10.0	578	590.3	ND<1.0	951
	06/07/2013	8.17	0.00	91.79	ND<0.50	11.0	14.7	624	649.7	ND<1.0	1,081
	09/16/2013	8.76	0.00	91.20	ND<0.50	6.5	7.9	61.8	76.2	ND<1.0	139.2
	12/13/2013	8.53	0.00	91.43	ND<0.50	4.2	2.9	15.2	22.3	ND<1.0	37.8
	03/24/2014	8.42	0.00	91.54	ND<0.50	ND<1.0	ND<1.0	13.9	13.9	ND<1.0	56.8
	06/09/2014	8.37	0.00	91.59	ND<0.50	9.0	5.6	135	150	ND<1.0	589
	09/12/2014	8.64	0.00	91.32	ND<0.50	7.0	6.6	23	36	ND<1.0	61
	12/08/2014	8.56	0.00	91.40	ND<0.50	ND<1.0	ND<1.0	2.0	2.0	ND<1.0	7.5
	03/24/2015	9.73	0.00	90.23	ND<0.50	5.6	3.1	12.0	20.7	ND<1.0	20.7
	06/25/2015	9.00	0.00	90.96	ND<5.0	ND<10	ND<10	ND<10	ND	ND<10	0.88
	09/11/2015	8.24	0.00	91.72	ND<0.50	1.7	0.89	3.3	5.9	ND<1.0	7.2
	12/04/2015	9.38	0.00	90.58	ND<0.50	ND<1.0	ND<1.0	2.2	2.2	ND<1.0	2.9
	03/11/2016	8.82	0.00	91.14	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/23/2016	9.24	0.00	90.72	ND<1.0	15.0	22.60	37.2	74.8	ND<1.0	84.5
	09/28/2016	9.03	0.00	90.93	ND<1.0	5.9	1.2	ND<2.0	7.1	ND<1.0	14.2
	12/01/2016	9.05	0.00	90.91	ND<1.0	2.6	8.3	3.1	14.0	ND<1.0	17.8
	03/23/2017	8.93	0.00	91.03	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND<1.0	ND
	06/23/2017	8.88	0.00	91.08	ND<1.0	112	60.8	329	502	ND<1.0	557
	09/22/2017	9.26	0.00	90.70	ND<1.0	3.8	1.8	6.2	11.8	ND<1.0	11.8
	12/08/2017	9.12	0.00	90.84	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/26/2018	9.03	0.00	90.93	ND<1.0	1.8	ND<1.0	ND<2.0	1.8	ND<1.0	3.8
	06/22/2018	9.12	0.00	90.84	ND<1.0	12.9	8.0	51.8	72.7	ND<1.0	78.9
	09/25/2018	9.28	0.00	90.68	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	12/13/2018	8.77	0.00	91.19	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/21/2019	8.66	0.00	91.30	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/07/2019	9.29	0.00	90.67	ND<1.0	33.9	5.1	116.5	155.5	ND<1.0	177.5
	09/18/2019	9.10	0.00	90.86	ND<1.0	1.3	ND<1.0	3.7	5.0	ND<1.0	6.7
	12/31/2019	9.01	0.00	90.95	ND<1.0	8.8	6.5	18.0	33.3	ND<1.0	37.4
	03/25/2020	9.05	0.00	90.91	ND<1.0	27.0	20.2	68.8	116	ND<1.0	131
	06/08/2020	**8.89**	**0.00**	**91.07**	**ND<1.0**	**40.6**	**38.4**	**190.4**	**269.4**	**ND<1.0**	**310.4**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW10	06/19/2004	NG	0.00	NG	NS	NS	NS	NS	NS	NS	
98.87	10/31/2005	8.31	0.00	90.56	27	60	46	160	293	ND	
	01/30/2006	8.03	0.00	90.84	190	60	120	370	740	ND	
4-inch PVC	04/18/2006	8.30	0.00	90.57	45	28	130	470	673	ND	
Total Depth:	10/02/2006	8.11	0.00	90.76	93	26	34	180	333	ND	
18'	03/13/2007	8.26	0.00	90.61	65	7.3	23	28	123.3	ND	
Depth to Screen:	06/25/2007	7.58	0.00	91.29	220	110	130	160	620	ND	
NA	11/30/2007	8.25	0.00	90.62	170	87	200	2,100	2,557	ND	
	02/19/2008	8.18	0.00	90.69	280	45	100	590	1,015	ND	
	05/27/2008	8.40	0.00	90.47	160	20	31	300	511	ND	
	08/28/2008	7.82	0.00	91.05	490	190	350	700	1,730	ND	
	11/24/2008	8.45	0.00	90.42	28.4	27.1	31.5	199	286	ND	
	02/11/2009	8.15	0.00	90.72	74.7	188	800	700	1,763	ND	
	05/13/2009	8.17	0.00	90.7	186	163	1,100	1,060	2,509	ND	
	08/19/2009	8.14	0.00	90.73	285	181	395	941	1,802	ND	
	11/17/2009	8.45	0.00	90.42	131	59.1	242	378	810	ND	
	02/23/2010	8.31	0.00	90.56	82.9	127	298	758	1,266	ND	
	05/17/2010	8.21	0.00	90.66	92.2	197	480	1,090	1,859	ND	
	09/22/2010	8.41	0.00	90.46	17.6	44.3	185	408	654.9	ND	
	12/07/2010	8.09	0.00	90.78	11.4	141	423	1,280	1,855	ND	
	03/16/2011	7.61	0.00	91.26	5	42	94	368	509	ND<0.5	574
	06/22/2011	8.01	0.00	90.86	33.3	68.2	540	651	1,293	ND<1.0	1,512.3
	09/08/2011	8.08	0.00	90.79	70.9	53.7	563	520	1,208	ND<2.0	1,431.8
	12/01/2011	No Access									
	03/26/2012										
	06/25/2012	8.22	0.00	90.65	2.8	26.6	315	329	670.6	ND<1.0	482
99.60	09/11/2012	8.24	0.00	91.36	1.3	51.2	564	449	1,064	ND<1.0	1424
	12/13/2012	8.26	0.00	91.34	0.85	44.1	250	316	611.0	ND<1.0	703
	03/11/2013	8.10	0.00	91.50	ND<0.5	39.1	196	285	520.1	ND<1.0	628
	06/07/2013	7.89	0.00	91.71	ND<.50	33.9	146	250	429.9	ND<1.0	583
	09/16/2013	8.22	0.00	91.38	2.8	179	145	624	951	ND<1.0	1,092
	12/13/2013	8.30	0.00	91.30	2.6	81.1	90.2	381	555	ND<1.0	609
	03/24/2014	8.10	0.00	91.50	0.89	117	112	484	714	ND<1.0	760
	06/09/2014	8.13	0.00	91.47	0.55	51.2	93.8	187	333	ND<1.0	367
	09/12/2014	8.32	0.00	91.28	0.94	12.8	139	177	330	ND<1.0	384
	12/08/2014	8.28	0.00	91.32	0.58	10.5	88.7	107	207	ND<1.0	241
	03/24/2015	9.52	0.00	90.08	ND<0.5	370	809	2,750	3,929	ND<1.0	4,578
	06/25/2015	8.73	0.00	90.87	ND<1.0	39.1	707	1,430	2,176	ND<2.0	2,539
	09/11/2015	9.02	0.00	90.58	ND<1.0	79.9	72.6	212	365	ND<2.0	514
	12/04/2015	9.12	0.00	90.48	ND<0.50	19.0	189	756	964	ND<1.0	1,141
	03/11/2016	8.46	0.00	91.14	ND<1.0	ND<1.0	2.1	ND<2.0	2.1	ND<1.0	47.7
	06/23/2016	9.05	0.00	90.55	ND<1.0	1.2	66.2	6.0	73.4	ND<1.0	128.4
	09/28/2016	8.74	0.00	90.86	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	3.8
	12/01/2016	8.68	0.00	90.92	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	4.8
	03/23/2017	8.65	0.00	90.95	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/23/2017	8.51	0.00	91.09	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	09/22/2017	8.94	0.00	90.66	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	1.2
	12/08/2017	8.79	0.00	90.81	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/26/2018	8.72	0.00	90.88	ND<1.0	12.9	21.3	62.1	96.3	ND<1.0	99.2
	06/22/2018	8.85	0.00	90.75	ND<1.0	304	351	677	1,332	ND<1.0	1,502
	09/25/2018	8.96	0.00	90.64	ND<1.0	92.4	464	298	854	ND<1.0	1,059
	Well Destroyed										

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW11	04/18/2006	8.51	0.00	90.94	540	2,500	2,100	9,800	14,940	ND	
99.45	10/02/2006	8.38	0.00	91.07	340	3,600	2,700	10,000	16,640	ND	
	03/13/2007	8.52	0.00	90.93	200	1,600	1,800	7,500	11,100	ND	
4-inch PVC	06/25/2007	8.73	0.00	90.72	190	1,100	2,400	9,600	13,290	ND	
Total Depth:	11/30/2007	NG	0.00	NG	NS	NS	NS	NS	NS	NS	
19.3	02/19/2008	8.56	0.00	90.89	490	290	1,600	5,200	7,580	ND	
Depth to Screen:	05/27/2008	8.70	0.00	90.75	640	1500	2,400	5,900	10,440	ND	
3.08'	08/28/2008	4.00	0.00	95.45	370	1,400	2,900	11,000	15,670	ND	
	11/24/2008	8.58	0.00	90.87	115	1,020	2,020	11,600	14,755	ND	
	02/11/2009	8.15	0.00	91.3	138	324	1,870	6,480	8,812	ND	
	05/13/2009	8.24	0.00	91.21	134	310	903	2,980	4,327	ND	
	08/19/2009	8.19	0.00	91.26	222	1,090	1,820	7,270	10,402	ND	
	11/17/2009	8.46	0.00	90.99	111	295	521	1,900	2,827	ND	
	02/23/2010	8.32	0.00	91.13	66.9	239	369	2,210	2,885	ND	
	05/17/2010	8.24	0.00	91.21	104	514	834	2,780	4,232	ND	
	09/22/2010	8.60	0.00	90.85	52.8	157	256	891	1,357	ND	
	12/07/2010	8.11	0.00	91.34	133	499	619	2,350	3,601	ND	
	03/16/2011	7.67	0.00	91.78	220	1,100	800	3,210	5,330	ND<1.0	6,901
	06/22/2011	8.12	0.00	91.33	66.1	405	588	3,970	5,029	ND<1.0	6,754
98.94	09/08/2011	8.01	0.00	90.93	10.4	32	50	1,610	1,702	ND<2.0	2,485
99.85	12/01/2011	8.03	0.00	91.82	2.9	13	152	333	500.9	ND<1.0	887.4
	03/26/2012	8.10	0.00	91.75	2.9	8.4	30.4	173	214.7	ND<10	278.3
	06/25/2012	8.29	0.00	91.56	1.1	10.8	67.8	262	341.7	ND<1.0	496.2
	09/11/2012	8.30	0.00	91.55	0.80	7.5	97.1	186	291.7	ND<1.0	494.7
	12/13/2012	8.33	0.00	91.52	ND<0.50	6.3	45.7	152	204	ND<1.0	289.8
	03/11/2013	8.06	0.00	91.79	ND<0.50	3.7	15.5	57	76	ND<1.0	121.0
	06/07/2013	7.87	0.00	91.98	0.95	10.0	39.1	103	153	ND<1.0	207.9
	09/16/2013	8.95	0.00	90.90	ND<0.50	6.2	13.9	71.6	91.7	ND<1.0	238
	12/13/2013	8.33	0.00	91.52	ND<0.50	ND<1.0	ND<1.0	8.9	8.9	ND<1.0	17.3
	03/24/2014	8.04	0.00	91.81	ND<0.50	1.5	ND<1.0	13.7	15.2	ND<1.0	15.2
	06/09/2014	8.18	0.00	91.67	ND<0.50	1.6	1.2	14.7	17.5	ND<1.0	17.5
	09/12/2014	8.39	0.00	91.46	ND<0.50	2.0	20.6	15.5	38.1	ND<1.0	48.4
	12/08/2014	8.30	0.00	91.55	0.62	7.4	8.1	54.5	70.6	ND<1.0	75.9
	03/24/2015	9.28	0.00	90.57	ND<0.50	1.4	4.1	25.4	30.9	ND<1.0	38.8
	06/25/2015	8.68	0.00	91.17	0.47	6.1	23.1	31.7	61.4	ND<1.0	79.0
	09/11/2015	8.84	0.00	91.01	ND<0.50	9.3	29.2	42.8	81.3	ND<1.0	132.7
	12/04/2015	9.16	0.00	90.69	ND<0.50	9.2	56.2	59.7	125.1	ND<1.0	228.0
	03/11/2016	8.58	0.00	91.27	ND<1.0	ND<1.0	ND<1.0	20.4	20.4	ND<1.0	24.4
	06/23/2016	8.99	0.00	90.86	5.7	97.5	549	517	1,169	ND<1.0	2,230
	09/28/2016	8.71	0.00	91.14	2.2	36.2	273	154	466	ND<1.0	1,056
	12/01/2016	8.73	0.00	91.12	ND<1.0	1.1	5.7	8.9	15.7	ND<1.0	22.4
	03/23/2017	8.68	0.00	91.17	ND<1.0	2.9	15.0	13.2	31.1	ND<1.0	50.3
	06/23/2017	8.53	0.00	91.32	1.3	5.2	23.8	9.2	39.5	ND<1.0	68.6
	09/22/2017	8.92	0.00	90.93	ND<1.0	6.2	106	8.8	121	ND<1.0	228
	12/08/2017	8.74	0.00	91.11	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	03/26/2018	8.68	0.00	91.17	ND<1.0	2.7	18.1	11.1	31.9	ND<1.0	44.0
	06/22/2018	8.78	0.00	91.07	ND<1.0	ND<1.0	2.8	5.7	8.5	ND<1.0	15.7
	09/25/2018	8.92	0.00	90.93	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	2.0
	12/13/2018	8.47	0.00	91.38	ND<1.0	1.2	3.8	9.4	14.4	ND<1.0	14.4
	03/21/2019	8.79	0.00	91.06	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	2.0
	06/07/2019	8.68	0.00	91.17	ND<1.0	2.6	16.5	30.3	49.4	ND<1.0	62.4
	09/18/2019	8.69	0.00	91.16	ND<1.0	1.3	1.2	1.6	4.1	ND<1.0	93.9
	12/31/2019	8.58	0.00	91.27	ND<1.0	ND<1.0	ND<1.0	1.2	1.2	ND<1.0	2.2
	03/25/2020	8.64	0.00	91.21	ND<1.0	ND<1.0	1.5	1.5	3.0	ND<1.0	4.3
	06/08/2020	**8.46**	**0.00**	**91.39**	**ND<1.0**	**1.0**	**ND<1.0**	**1.2**	**2.2**	**ND<1.0**	**2.2**

Table 1 (Continued)

Historical Groundwater Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Well ID# and Casing Elevation (ft)	Date	Depth to Water (ft)	LNAPL Thickness (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	EthylBenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)	STARS VOCS (µg/L)
MW12	05/17/2010	8.90	0.00	90.45	ND	2,110	1,370	5,500	8,980	ND	
99.35	09/22/2010	9.10	0.00	90.25	ND	1,460	1,070	4,030	6,560	ND	
4-inch PVC	12/07/2010	8.81	0.00	90.54	ND	2,080	1,340	5,740	9,160	ND	
Total Depth: 20'	03/16/2011	8.34	0.00	91.01	3	1,800	1,200	5,480	8,483	ND<3.0	10,367
Depth to Screen:	06/22/2011	8.78	0.00	90.57	2.3	1,640	1,150	4,780	7,572	ND<1.0	9,546
3.83'	09/08/2011	8.81	0.00	90.96	ND<5.0	1,620	1,230	4,270	7,120	ND<10	8,534
99.77	12/01/2011	8.83	0.00	91.83	2.1	997	501	3,630	5,130	ND<1.0	6,702
100.66	03/26/2012	8.95	0.00	91.71	ND<5.0	817	728	2,470	4,015	ND<10	5,239
	06/25/2012	9.08	0.00	91.58	ND<5.0	856	654	3,460	4,970	ND	6,402
	09/11/2012	8.94	0.00	91.72	ND<5.0	935	672	2,760	4,367	ND<10	5,714
	12/13/2012	9.19	0.00	91.47	0.71	814	796	2,420	4,031	ND<1.0	5,602
	03/11/2013	8.76	0.00	91.90	ND<5.0	715	677	2,350	3,742	ND<10	5,176
	06/07/2013	8.73	0.00	91.93	ND<2.5	1,210	1,100	3,760	6,070	ND<5.0	8,051
	09/16/2013	9.12	0.00	91.54	0.77	961	766	2,140	3,868	ND<1.0	5,165
	12/13/2013	9.19	0.00	91.47	ND<2.5	427	43.2	2,300	2,770	ND<5.0	3,451
	03/24/2014	8.91	0.00	91.75	ND<2.5	968	157	2,360	3,485	ND<5.0	4,406
	06/09/2014	9.02	0.00	91.64	ND<2.5	718	310	778	1,806	ND<5.0	2,200
	09/12/2014	9.21	0.00	91.45	ND<1.3	898	650	1,400	2,948	ND<2.5	3,807
	12/08/2014	9.14	0.00	91.52	ND<0.50	487	378	1,110	1,975	ND<1.0	2,666
	03/24/2015	10.16	0.00	90.50	ND<1.0	623	420	949	1,992	ND<2.0	2,425
	06/25/2015	9.54	0.00	91.12	ND<0.50	245	300	435	980	ND<1.0	1,318
	09/11/2015	9.87	0.00	90.79	ND<0.50	411	375	552	1,338	ND<1.0	1,832
	12/04/2015	9.80	0.00	90.86	ND<1.0	542	512	901	1,955	ND<2.0	2,575
	03/11/2016	9.40	0.00	91.26	ND<1.0	664	479	993	2,136	ND<1.0	2,652
	06/23/2016	9.82	0.00	90.84	ND<1.0	1,210	1,700	5,423	8,333	ND<1.0	10,053
	09/28/2016	9.55	0.00	91.11	ND<1.0	1,020	1,860	6,523	9,403	ND<1.0	11,189
	12/01/2016	9.72	0.00	90.94	ND<1.0	225	347	696	1,268	ND<1.0	1,706
	03/23/2017	9.51	0.00	91.15	ND<1.0	374	797	551	1,722	ND<1.0	2,547
	06/23/2017	9.35	0.00	91.31	ND<1.0	221	776	611	1,608	ND<1.0	2,338
	09/22/2017	9.74	0.00	90.92	ND<1.0	401	1,180	2,178	3,759	ND<1.0	4,820
	12/08/2017	9.52	0.00	91.14	ND<1.0	58.3	427	161	646	ND<1.0	1,077
	03/26/2018	9.53	0.00	91.13	ND<1.0	178	488	579	1,245	ND<1.0	1,802
	06/22/2018	9.49	0.00	91.17	ND<1.0	805	1,190	3,180	5,175	ND<1.0	6,384
	09/25/2018	9.78	0.00	90.88	ND<1.0	463	995	2,228	3,686	ND<1.0	4,601
	12/13/2018	9.38	0.00	91.28	2.1	ND<1.0	ND<1.0	ND<2.0	2.1	ND<1.0	2.1
	03/21/2019	9.69	0.00	90.97	ND<1.0	15.2	40.1	49.1	104.4	ND<1.0	136.5
	06/07/2019	9.50	0.00	91.16	ND<1.0	4.7	ND<1.0	3.4	8.1	ND<1.0	8.1
	09/18/2019	9.54	0.00	91.12	ND<1.0	4.0	4.3	3.4	11.7	ND<1.0	23.5
	12/31/2019	9.45	0.00	91.21	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	1.0
	03/25/2020	9.54	0.00	91.12	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND	ND<1.0	ND
	06/08/2020	**9.35**	**0.00**	**91.31**	**ND<1.0**	**ND<1.0**	**ND<1.0**	**ND<2.0**	**ND**	**ND<1.0**	**ND**

Notes:

ND = Compound not detected.

NG = Not gauged.

NS = Not sampled.

NSI = Not sampled, well inaccessible.

NSP = Not sampled due to product.

CNS = Well casing not surveyed

Data from off-site monitoring wells has been removed from the sampling program and these tables but is available on file at METI.

Table 2

Groundwater Elevations
And LNAPL Thickness Measurements (feet)

June 8, 2020

Well ID	Casing Elevation	Depth to LNAPL	Depth to Water	LNAPL Thickness	Adj. Depth to Water	Groundwater Elevations
MW1R	Well Destroyed					
MW2	100.74	ND	9.19	-	9.19	91.55
MW3	99.39	ND	8.00	-	8.00	91.39
MW4	100.21	ND	8.84	-	8.84	91.37
MW5	100.32	ND	9.10	-	9.10	91.22
MW6	100.69	ND	9.55	-	9.55	91.14
MW7	99.96	ND	8.89	-	8.89	91.07
MW10	Well Destroyed					
MW11	99.85	ND	8.46	-	8.46	91.39
MW12	100.66	ND	9.35	-	9.35	91.31

NG-i = Not Gauged, well inaccessible
NG = Not Gauged
ND = LNAPL not detected

Table 3
Groundwater VOC Data Summary - Four Quarters
EPA Method 8260 STARS
Former Sunoco Station
181 Delaware Avenue
Buffalo, NY

Compounds	NYDEC GW Quality Standard	MW2				MW3			
		9/18/2019	12/31/2019	3/25/2020	6/8/2020	10/10/2019	12/31/2019	3/25/2020	6/8/2020
Benzene	1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.6	ND<1.0	ND<1.0	ND<1.0
n-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
sec-Butylbenzene	5	1.1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
tert-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Ethylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2.2	3.4	2.6
Isopropylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
p-Isopropyltoluene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
n-Propylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.3	1.9	ND<1.0
Toluene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
1,2,4-Trimethylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5.7	ND<1.0
1,3,5-Trimethylbenzene	5	3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.2	ND<1.0
Total Xylenes	10	1.2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2.6	33.8	9.4
Total NYSDEC STARS VOCs	-	5.3	ND	ND	ND	1.6	6.1	48.0	12.0
Total BTEX	-	*1.2*	*ND*	*ND*	*ND*	*1.6*	*4.8*	*37.2*	*12.0*
MTBE	10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Naphthalene	10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2.3	ND<2.0

Table 3 (Continued)
Groundwater VOC Data Summary
EPA Method 8260 STARS
Former Sunoco Station
181 Delaware Avenue
Buffalo, NY

Compounds	NYDEC GW Quality Standard	MW4				MW5			
		9/18/2019	12/31/2019	3/25/2020	6/8/2020	9/18/2019	12/31/2019	3/25/2020	6/8/2020
Benzene	1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
n-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	2.1	3.0	9.4	6.9	4.9
sec-Butylbenzene	5	1.5	ND<1.0	1.2	3.1	6.0	11.5	6.4	5.2
tert-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Ethylbenzene	5	22.4	13.7	30.3	73.6	335	540	260	139
Isopropylbenzene	5	6.1	3.4	5.5	23.0	46.8	108	55.9	31
p-Isopropyltoluene	5	ND<1.0	ND<1.0	1.2	1.5	2.3	3.1	3.6	31.6
n-Propylbenzene	5	9.1	4.6	8.9	30.2	78.3	197	114	59.6
Toluene	5	5.2	3.3	27.2	26.5	27.4	16.7	13.7	10.4
1,2,4-Trimethylbenzene	5	103	25.4	134	95.9	68.0	389	258	168
1,3,5-Trimethylbenzene	5	2.0	1.4	16.7	5.1	2.4	6.5	8.5	9.5
Total Xylenes	10	21.9	25.2	193	29.9	28.1	29.7	106.0	155.6
Total NYSDEC STARS VOCs	-	171.2	77.0	418	290.9	597	1,311	833	614.8
Total BTEX	-	*49.5*	*42.2*	*250*	*130.0*	*391*	*586*	*380*	*305*
MTBE	10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Naphthalene	10	14.6	4.0	12.8	6.2	12.7	17.6	15.2	22.3

Table 3 (Continued)
Groundwater VOC Data Summary
EPA Method 8260 STARS
Former Sunoco Station
181 Delaware Avenue
Buffalo, NY

Compounds	NYDEC GW Quality Standard	MW6				MW7			
		9/18/2019	12/31/2019	3/25/2020	6/8/2020	9/18/2019	12/31/2019	3/25/2020	6/8/2020
Benzene	1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
n-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
sec-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	1.2	ND<1.0	ND<1.0	ND<1.0	ND<1.0
tert-Butylbenzene	5	15.8	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Ethylbenzene	5	2.1	18.1	11.3	3.7	ND<1.0	6.5	20.2	38.4
Isopropylbenzene	5	ND<1.0	3.7	4.4	3.4	ND<1.0	ND<1.0	ND<1.0	1.3
p-Isopropyltoluene	5	ND<1.0	1.6	3.4	1.1	ND<1.0	ND<1.0	1.6	5.5
n-Propylbenzene	5	4.5	6.7	6.5	2.3	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Toluene	5	5.4	3.4	3.4	9.4	1.3	8.8	27.0	40.6
1,2,4-Trimethylbenzene	5	109	43.7	126	207	1.7	4.1	11.8	24.7
1,3,5-Trimethylbenzene	5	11.7	6.4	18.9	18.2	ND<1.0	ND<1.0	1.3	9.5
Total Xylenes	10	478	137	210	476.0	3.7	18.0	68.8	190.4
Total NYSDEC STARS VOCs	-	627	221	384	722.3	6.7	37.4	130.7	310.4
Total BTEX	-	*486*	*159*	*224*	*489.1*	*5.0*	*33.3*	*117.3*	*269.4*
MTBE	10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Naphthalene	10	46.9	30.7	34.7	41.7	ND<2.0	5.2	7.4	19.3

Table 3 (Continued)
Groundwater VOC Data Summary
EPA Method 8260 STARS
Former Sunoco Station
181 Delaware Avenue
Buffalo, NY

Compounds	NYDEC GW Quality Standard	MW11				MW12			
		9/18/2019	12/31/2019	3/25/2020	6/8/2020	9/18/2019	12/31/2019	3/25/2020	6/8/2020
Benzene	1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
n-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
sec-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
tert-Butylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Ethylbenzene	5	1.2	ND<1.0	1.5	ND<1.0	4.3	ND<1.0	ND<1.0	ND<1.0
Isopropylbenzene	5	9.9	ND<1.0	ND<1.0	ND<1.0	1.5	ND<1.0	ND<1.0	ND<1.0
p-Isopropyltoluene	5	1.3	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
n-Propylbenzene	5	14.9	ND<1.0	ND<1.0	ND<1.0	2.4	ND<1.0	ND<1.0	ND<1.0
Toluene	5	1.3	ND<1.0	ND<1.0	1.0	4.0	ND<1.0	ND<1.0	ND<1.0
1,2,4-Trimethylbenzene	5	63.7	1.0	1.3	ND<1.0	1.5	1.0	ND<1.0	ND<1.0
1,3,5-Trimethylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.4	ND<1.0	ND<1.0	ND<1.0
Total Xylenes	10	1.6	1.2	1.5	1.2	3.4	ND<2.0	ND<2.0	ND<2.0
Total NYSDEC STARS VOCs	-	93.9	2.2	4.3	2.2	23.5	1.0	ND	ND
Total BTEX	-	*ND*	*1.2*	*3.0*	*2.2*	*11.7*	*ND*	*ND*	*ND*
MTBE	10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Naphthalene	10	15.5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 4

Dissolved Oxygen Concentrations in Monitoring Wells (mg/L)
Former Sunoco Station
181 Delaware Avenue

Date	Description	Monitoring Wells											
		MW1R	MW2	MW3	MW4	MW5	MW6	MW7	MW10	MW11	MW12	PZ1	Average
1/8/2016	25-35 SCFH @6-8 min/hr/bank	3.1	4.7	-	12	2.8	21	17	3.1	18	2.5	-	9.4
2/4/2016	25-35 SCFH @6-8 min/hr/bank	2.0	5.4	6.5	5.8	2.9	12	9.9	4.2	9.7	1.2	-	6.0
3/11/2016	25-35 SCFH @6-8 min/hr/bank	1.1	6.9	24	19	4.7	20	19	5.3	20	4.6	-	12
4/27/2016	IP25-27: 30 SCFH @6 min/hr/bank	2.4	2.6	-	1.3	3.6	20	20	-	1.8	0.7	-	6.6
5/26/2016	IP25-27: 30 SCFH @6 min/hr/bank	1.1	1.3	-	0.6	4.3	22	22	-	1.6	1.2	-	6.8
6/23/2016	IP25-27: 30 SCFH @6 min/hr/bank	2.6	3.2	3.6	1.9	3.6	19	14	5.4	2.3	2.4	-	5.8
7/20/2016	IP25-27: 30 SCFH @6 min/hr/bank	1.8	1.4	2.9	1.4	2.3	16	9.9	1.9	1.5	1.9	-	4.1
8/31/2016	IP25-27: 30 SCFH @6 min/hr/bank	2.5	1.9	2.3	2.0	2.7	14	19	2.5	1.9	3.6	-	5.2
9/28/2016	IP25-27: 30 SCFH @6 min/hr/bank	2.0	2.7	2.6	1.1	3.4	4.0	8.0	2.3	1.9	2.6	-	3.1
11/4/2016	IP16,19,20,22-27: 30 SCFH @8 min/hr/bank		1.6	1.1	1.3	1.9	1.3	2.1	-	-	1.2	-	1.5
11/18/2016	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		1.4	0.5	1.0	1.6	19	11	-	1.3	0.8	-	4.4
12/1/2016	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		3.4	1.7	15	7.8	12	10	3.3	8.7	5.5	-	7.5
1/11/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		3.4	-	15	1.4	7.8	8.3	2.5	5.1	2.3	-	5.7
2/3/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		4.2	2.4	18	3.1	22	20	-	5.0	1.7	-	9.5
3/23/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		5.8	-	16	2.8	23	22	6.5	2.6	3.4	-	10
4/21/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		4.2	-	21	2.4	22	17	-	8.7	1.5	-	11
5/24/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		3.0	-	19	2.0	21	20	-	4.4	2.0	-	10
6/23/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		1.9	1.5	13	1.7	12	17	3.0	2.5	0.6	-	5.9
7/24/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		1.4	-	6.0	1.7	14	9.4	-	1.8	1.7	-	5.1
8/21/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		3.7	-	1.9	2.0	7.9	4.3	-	2.1	1.6	-	3.4
9/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		6.2	-	11	4.5	16	14	2.2	3.7	4.4	-	7.7
10/20/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		3.8	-	7.8	1.4	8.8	7.0	-	3.2	1.0	-	4.7
11/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		4.3	-	18	2.4	22	20	-	7.4	3.2	-	11
12/8/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		7.1	-	-	2.4	20	17	1.7	1.7	1.1	-	7.3
1/22/2018	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		4.6	-	15	2.2	-	21	-	2.0	1.1	-	7.6
2/26/2018	30-50 SCFH @ 8-12 min/hr/bank		7.8	2.2	21	3.1	23	25	-	5.2	1.5	-	11

Table 4 (Continued)

Dissolved Oxygen Concentrations in Monitoring Wells (mg/L)
Former Sunoco Station
181 Delaware Avenue

Date	Description	Monitoring Wells											
		MW1R	MW2	MW3	MW4	MW5	MW6	MW7	MW10	MW11	MW12	PZ1	Average
3/26/2018	30-50 SCFH @ 8-12 min/hr/bank		8.1	-	21	7.5	23	22	5.4	2.6	3.9	-	12
4/23/2018	30 SCFH @ 8-12 min/hr/bank		14	-	22	2.1	24	24	-	1.9	2.5	-	13
5/18/2018	30 SCFH @ 8-12 min/hr/bank		5.0	1.7	21	3.5	19	19	-	2.3	1.8	-	9.2
6/22/2018	30 SCFH @ 8-12 min/hr/bank		2.8	-	13	4.1	15	15	0.1	2.2	4.4	-	7.0
7/26/2018	30 SCFH @ 8-12 min/hr/bank		1.0	1.4	3.0	1.5	5.9	6.4	-	0.1	1.7	-	2.6
8/27/2018	30 SCFH @ 8-12 min/hr/bank		1.4	1.1	3.8	1.6	4.6	-	-	1.6	0.8	-	2.1
9/25/2018	30-50 SCFH @ 8-12 min/hr/bank		1.8	2.5	6.5	1.1	11	10	2.8	0.1	2.5	-	4.2
10/24/2018	30-40 SCFH @ 8-12 min/hr/bank		1.1	1.5	14	2.0	19	9	-	1.6	0.7	-	6.1
11/19/2018	30-40 SCFH @ 8-12 min/hr/bank		5.8	1.9	14	2.2	16	23	-	1.5	1.3	-	8.2
12/6/2018	30-40 SCFH @ 8-12 min/hr/bank		10	43	16	1.7	17	14	-	2.7	50	-	19
12/13/2018	30-40 SCFH @ 8-12 min/hr/bank		1.7	-	1.7	2.0	9.5	16		0.9	25	-	8.1
1/16/2019	30-40 SCFH @ 8-12 min/hr/bank		1.9	23	19	2.8	15	22		9.3	22	-	14.4
2/27/2019	30 SCFH @ 8-12 min/hr/bank		5.9	-	20	3.3	13	-		3.2	17	-	10.4
3/21/2019	30 SCFH @ 8-12 min/hr/bank		5.6	-	20	1.9	14	28		0.7	22	-	13.2
4/18/2019	30 SCFH @ 8-12 min/hr/bank		6.5	28	15	2.0	21	25		1.8	20	-	14.8
5/17/2019	30 SCFH @ 8-12 min/hr/bank		5.3	27	10	2.5	12	23		1.4	21	-	12.8
6/7/2019	30 SCFH @ 8-12 min/hr/bank		3.4	-	17	3.6	10	18		6.2	19	-	11.0
7/2/2019	30 SCFH @ 8-12 min/hr/bank		5.5	-	3.9	2.0	-	22		2.4	15	-	8.5
8/22/2019	30 SCFH @ 8-12 min/hr/bank		2.9	2.2	6.6	1.3	8.2	17		2.0	13	-	6.7
9/18/2019	System Deactivated		2.1	-	1.6	1.1	2.8	6.0		0.22	15	-	4.0
12/31/2019	System Deactivated		3.1	21	1.3	0.80	1.1	1.7		1.8	9.6	-	5.0
3/25/2020	System Deactivated		1.3	15	0.9	3.5	1.9	2.5		1.4	6.8	-	4.2
6/8/2020	System Deactivated		1.9	1.2	1.6	2.4	1.8	2.0		1.6	6.2	-	2.3

NOTE: Data from 2011-2015 is available and may be furnished upon request.

Table 5

Oxidation Reduction Potential in Monitoring Wells (mV)
Former Sunoco Station
181 Delaware Avenue

Date	Description	Monitoring Wells											
		MW1R	MW2	MW3	MW4	MW5	MW6	MW7	MW10	MW11	MW12	PZ1	Average
1/8/2016	25-35 SCFH @6-8 min/hr/bank	10	74	-	78	-46	266	243	242	123	-15	-	108
2/4/2016	25-35 SCFH @6-8 min/hr/bank	-158	-87	-30	-4	-28	237	219	306	74	-101	-	43
3/11/2016	25-35 SCFH @6-8 min/hr/bank	-137	-52	58	197	216	303	290	325	168	29	-	140
4/27/2016	IP25-27: 30 SCFH @6 min/hr/bank	41	87	-	149	159	361	356	-	172	20	-	168
5/26/2016	IP25-27: 30 SCFH @6 min/hr/bank	-64	-76	-	-20	160	294	301	-	-13	40	-	78
6/23/2016	IP25-27: 30 SCFH @6 min/hr/bank	-118	-97	18	-127	-28	206	157	46	-117	-76	-	-14
7/20/2016	IP25-27: 30 SCFH @6 min/hr/bank	-132	-131	69	-127	-62	214	154	108	-128	-100	-	-14
8/31/2016	IP25-27: 30 SCFH @6 min/hr/bank	-41	-13	12	-114	48	236	264	155	-105	-122	-	32
9/28/2016	IP25-27: 30 SCFH @6 min/hr/bank	-81	-63	-80	-122	-60	235	231	258	-110	-123	-	9
11/4/2016	IP16,19,20,22-27: 30 SCFH @8 min/hr/bank		-30	-31	-82	-10	145	38	-	-	-33	-	0
11/18/2016	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		-71	-85	-103	-74	264	257	-	-98	-94	-	-1
12/1/2016	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		79	165	152	92	245	242	240	188	49	-	161
1/11/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		78	-	167	96	137	166	148	169	-4	-	120
2/3/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		109	105	138	253	317	315	-	133	7	-	172
3/23/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		233	-	159	251	297	303	322	157	50	-	222
4/21/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		210	-	187	135	301	304	-	192	-24	-	186
5/24/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		159	-	158	84	292	297	-	149	-10	-	161
6/23/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		44	146	165	54	308	305	125	17.1	-105	-	118
7/24/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		88	-	89	27	266	247	-	70	-41	-	107
8/21/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		153	-	122	72	313	307	-	124	38	-	161
9/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		13	-	11	-77	84	88	-29	-79	-192	-	-23
10/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		-	-	-	-	-	-	-	-	-	-	-
11/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		-66	-	20	-18	244	225	-	-13	-180	-	30
12/8/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		20	-	-	-140	257	18	233	-6	-132	-	36
1/22/2018	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		-53	-	26	-85	-	324	-	-121	-197	-	-18
2/26/2018	30-50 SCFH @ 8-12 min/hr/bank		-22	-111	-26	-27	350	342	-	-45	-114	-	43

Table 5 (Continued)

Oxidation Reduction Potential in Monitoring Wells (mV)
Former Sunoco Station
181 Delaware Avenue

Date	Description	Monitoring Wells										
		MW1R	MW2	MW3	MW4	MW5	MW6	MW7	MW10	MW11	MW12	PZ1	Average
3/26/2018	30-50 SCFH @ 8-12 min/hr/bank		81	-	77	-18	302	294	294	-17	-96	-	115
4/23/2018	30 SCFH @ 8-12 min/hr/bank		12	-	30	159	229	210	-	-96	-153	-	56
5/18/2018	30 SCFH @ 8-12 min/hr/bank		-14	-136	-14	-107	151	145	-	-104	-124	-	-25
6/22/2018	30 SCFH @ 8-12 min/hr/bank		-58	-	-26	-122	25	18	-99	-76	-110	-	-56
7/26/2018	30 SCFH @ 8-12 min/hr/bank		-145	-160	-109	-159	115	115	-	-139	-182	-	-83
8/27/2018	30 SCFH @ 8-12 min/hr/bank		-112	-142	-116	-102	105	-	-	-125	-188	-	-97
9/25/2018	30 SCFH @ 8-12 min/hr/bank		-105	-108	-89	-89	88	32	-80	-50	-152	-	-61
10/24/2018	30-40 SCFH @ 8-12 min/hr/bank		-121	-129	-50	-104	115	98	-	-115	-196	-	-63
11/19/2018	30-40 SCFH @ 8-12 min/hr/bank		-88	-122	-64	92	123	112	-	-67	-171	-	-23
12/6/2018	30-40 SCFH @ 8-12 min/hr/bank		157	228	105	27	230	163	-	185	256	-	169
12/13/2018	30-40 SCFH @ 8-12 min/hr/bank		30	-	40	11	208	198		42	262	-	113
1/16/2019	30-40 SCFH @ 8-12 min/hr/bank		324	146	366	230	228	213		336	308	-	269
2/27/2019	30 SCFH @ 8-12 min/hr/bank		318	-	326	201	334	-		311	252	-	290
3/21/2019	30 SCFH @ 8-12 min/hr/bank		305	-	332	194	384	366		312	301	-	313
4/18/2019	30 SCFH @ 8-12 min/hr/bank		190	14	328	123	345	325		325	308	-	245
5/17/2019	30 SCFH @ 8-12 min/hr/bank		273	79	313	106	255	275		-120	324	-	188
6/7/2019	30 SCFH @ 8-12 min/hr/bank		170	-	306	190	416	407		217	279	-	284
7/2/2019	30 SCFH @ 8-12 min/hr/bank		221	-	275	105	-	319		217	277	-	236
8/22/2019	30 SCFH @ 8-12 min/hr/bank		187	-19	256	147	300	316		193	275	-	207
9/18/2019	System Deactivated		-42	-	41	-69	280	337		-70	294	-	110
12/31/2019	System Deactivated		87	-31	-57	-226	-3	15		-50	227	-	-5
3/25/2020	System Deactivated		88	-12	-87	-113	-50	-21		-146	87	-	-32
6/8/2020	System Deactivated		84	-41	-64	-105	-18	-15		-126	11	-	-34

NOTE: Data from 2011-2015 is available and may be furnished upon request.

Table 6

Organic Vapor Meter Reading Summary (ppm)
Former Sunoco Station
181 Delaware Avenue

Date	Description	Monitoring Wells										Vapor Monitoring Points			
		MW1R	MW2	MW3	MW4	MW5	MW6	MW7	MW10	MW11	MW12	PZ1	VP1	VP2	VP3	VP4
1/8/2016	25-35 SCFH @6-8 min/hr/bank	1	184	-	14	58	16.6	17	ND	1.0	2	-	-	-	ND	ND
2/4/2016	25-35 SCFH @6-8 min/hr/bank	ND	5.1	2.0	10.5	10	10	41	ND	ND	ND	-	-	-	ND	ND
3/11/2016	25-35 SCFH @6-8 min/hr/bank	ND	700+	ND	262	312	87.0	12.5	ND	ND	ND	-	-	-	ND	ND
4/27/2016	IP25-27: 30 SCFH @6 min/hr/bank	2	1,000+	-	95	120	65	80	-	2.0	2.0	-	-	-	ND	ND
5/26/2016	IP25-27: 30 SCFH @6 min/hr/bank	0.5	500	-	168	350	800	34	-	140	250	-	-	-	ND	ND
6/23/2016	IP25-27: 30 SCFH @6 min/hr/bank	1	295	-	19.4	70	6	24	-	1	1	-	-	-	0.6	-
7/20/2016	IP25-27: 30 SCFH @6 min/hr/bank	3.0	60	1.0	4.0	8.0	4.0	4.0	ND	ND	8.0	-	-	-	ND	ND
8/31/2016	IP25-27: 30 SCFH @6 min/hr/bank	ND	60	ND	-	-	-	ND	-	-	-	-	-	-	ND	ND
9/28/2016	IP25-27: 30 SCFH @6 min/hr/bank	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	ND	ND
11/18/2016	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		2	ND	ND	297	100	205	-	ND	760	-	ND	-	ND	ND
12/1/2016	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		2.7	-	-	-	-	-	ND	-	-	-	-	-	ND	ND
1/11/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		1,400	-	40	20	5	5	-	ND	5	-	-	-	ND	-
2/3/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		510	ND	55	ND	10	ND	-	2	ND	-	-	-	ND	ND
3/23/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		163	-	28	18	9	40	-	ND	ND	-	-	-	ND	ND
4/21/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		258	-	10	1.4	3.0	ND	-	ND	ND	-	-	-	ND	ND
5/24/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		219	-	18	1.8	7	ND	-	ND	ND	-	-	-	ND	ND
6/23/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/24/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		150	-	3.2	ND	ND	ND	-	ND	ND	-	-	-	ND	ND
8/21/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		8	-	ND	ND	ND	ND	-	ND	ND	-	-	ND	ND	ND
9/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		214	-	21	ND	ND	12	ND	ND	ND	-	-	-	ND	ND
10/20/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		850	-	400	38	40	600	-	ND	2.7	-	-	ND	ND	ND
11/22/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		154	-	25	6	5	ND	-	ND	ND	-	-	-	ND	ND
12/8/2017	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/22/2018	IP1,10-13,15,16,19-27: 30 SCFH @8 min/hr/bank		114	-	21	9	-	23	-	ND	ND	-	-	-	ND	ND
2/26/2018	30-50 SCFH @ 8-12 min/hr/bank		251	2	4	64	19	ND	-	ND	ND	-	-	-	ND	ND

Table 6 (Continued)

Organic Vapor Meter Reading Summary (ppm)
Former Sunoco Station
181 Delaware Avenue

Date	Description	Monitoring Wells										Vapor Monitoring Points			
		MW1R	MW2	MW3	MW4	MW5	MW6	MW7	MW10	MW11	MW12	PZ1	VP1	VP2	VP3	VP4
3/26/2018	30-50 SCFH @ 8-12 min/hr/bank		260	-	50	34	2	39	-	2	60	-	-	-	-	-
4/23/2018	30 SCFH @ 8-12 min/hr/bank		140	-	100	4	2	3	-	1	7	-	-	-	ND	ND
5/18/2018	30 SCFH @ 8-12 min/hr/bank		195	ND	7	4	2	22	-	ND	ND	-	-	-	ND	ND
6/22/2018	30 SCFH @ 8-12 min/hr/bank		187	-	9	2	1	14	ND	ND	ND	-	-	-	ND	-
7/26/2018	30 SCFH @ 8-12 min/hr/bank		400	0.4	68	18	ND	0.9	-	ND	ND	-	-	-	ND	ND
8/27/2018	30 SCFH @ 8-12 min/hr/bank		292	0.4	17	60	ND	-	-	0.4	1.0	-	-	ND	ND	ND
9/25/2018	30 SCFH @ 8-12 min/hr/bank		200	ND	13	ND	ND	1.0	ND	ND	2.0	-	-	-	ND	ND
10/24/2018	30-40 SCFH @ 8-12 min/hr/bank		150	ND	44	ND	ND	ND	-	ND	ND	-	-	-	ND	ND
11/19/2018	30-40 SCFH @ 8-12 min/hr/bank		130	1.4	45	ND	2	ND	-	ND	ND	-	-	-	ND	ND
12/6/2018	30-40 SCFH @ 8-12 min/hr/bank		-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/13/2018	30-40 SCFH @ 8-12 min/hr/bank		250	-	-	13	2	ND		-	200	-	-	-	1	ND
1/16/2019	30-40 SCFH @ 8-12 min/hr/bank		-	-	-	-	-	-		-	-	-	-	-	-	-
2/27/2019	30 SCFH @ 8-12 min/hr/bank		111	-	29	22	4	-		1	56	-	-	-	ND	ND
3/21/2019	30 SCFH @ 8-12 min/hr/bank		-	-	-	-	-	-		-	-	-	-	-	-	-
4/18/2019	30 SCFH @ 8-12 min/hr/bank		ND	ND	ND	ND	ND	ND		ND	ND	ND	-	-	-	-
5/17/2019	30 SCFH @ 8-12 min/hr/bank		-	-	-	-	-	-		-	-	-	-	-	-	-
6/7/2019	30 SCFH @ 8-12 min/hr/bank		1,000	-	244	6	21	1,500		8	97	-	-	-	7	3
7/2/2019	30 SCFH @ 8-12 min/hr/bank		820	-	110	35	-	65		ND	40	-	-	-	ND	ND
8/22/2019	30 SCFH @ 8-12 min/hr/bank		900	ND	144	ND	ND	2		1	39	-	-	-	ND	ND
9/18/2019	System Deactivated		510	-	40	ND	ND	ND		ND	10	-	-	-	-	-

NOTE: Data from 2011-2015 is available and may be furnished upon request.

Table 7

Post-Injection pH Data Summary
Former Sunoco Station
181 Delaware Avenue
Buffalo, New York

Date	Monitoring Wells							
	MW2	MW3	MW4	MW5	MW6	MW7	MW11	MW12
9/25/2018 (baseline)	*7.27*	*7.27*	*7.04*	*6.97*	*7.12*	*7.04*	*6.99*	*7.04*
12/6/2018	9.56	12.76	6.63	7.24	7.67	9.06	7.78	12.47
12/13/2018	7.03	-	6.62	7.04	6.88	7.27	6.59	8.86
1/16/2019	6.97	12.91	7.09	6.99	7.08	6.49	6.84	7.07
2/27/2019	7.02	-	6.99	6.91	7.34	-	7.17	7.08
3/21/2019	7.10	-	7.04	6.62	7.07	7.34	6.89	7.23
4/18/2019	9.25	12.71	7.02	6.72	7.48	7.82	7.32	7.04
5/17/2019	6.85	12.27	7.20	7.03	9.14	7.17	6.82	7.08
6/7/2019	7.06	-	7.18	7.12	7.17	7.23	6.86	7.23
7/2/2019	6.78	-	6.89	7.26	-	7.63	6.78	6.94
8/22/2019	8.56	12.01	6.85	6.67	6.98	7.33	6.80	6.79
9/18/2019	7.11	-	6.92	6.62	6.71	6.88	6.89	6.89
12/31/2019	7.68	11.69	7.26	6.94	7.25	7.14	7.24	7.22
3/25/2020	6.75	7.00	6.92	7.14	7.14	7.10	6.93	7.08
6/8/2020	7.14	9.16	6.15	6.98	7.34	7.56	7.00	6.98

CHARTS

Chart 1 - Site Source Area Monitoring Wells
(VOC Concentrations vs. Groundwater Elevation)

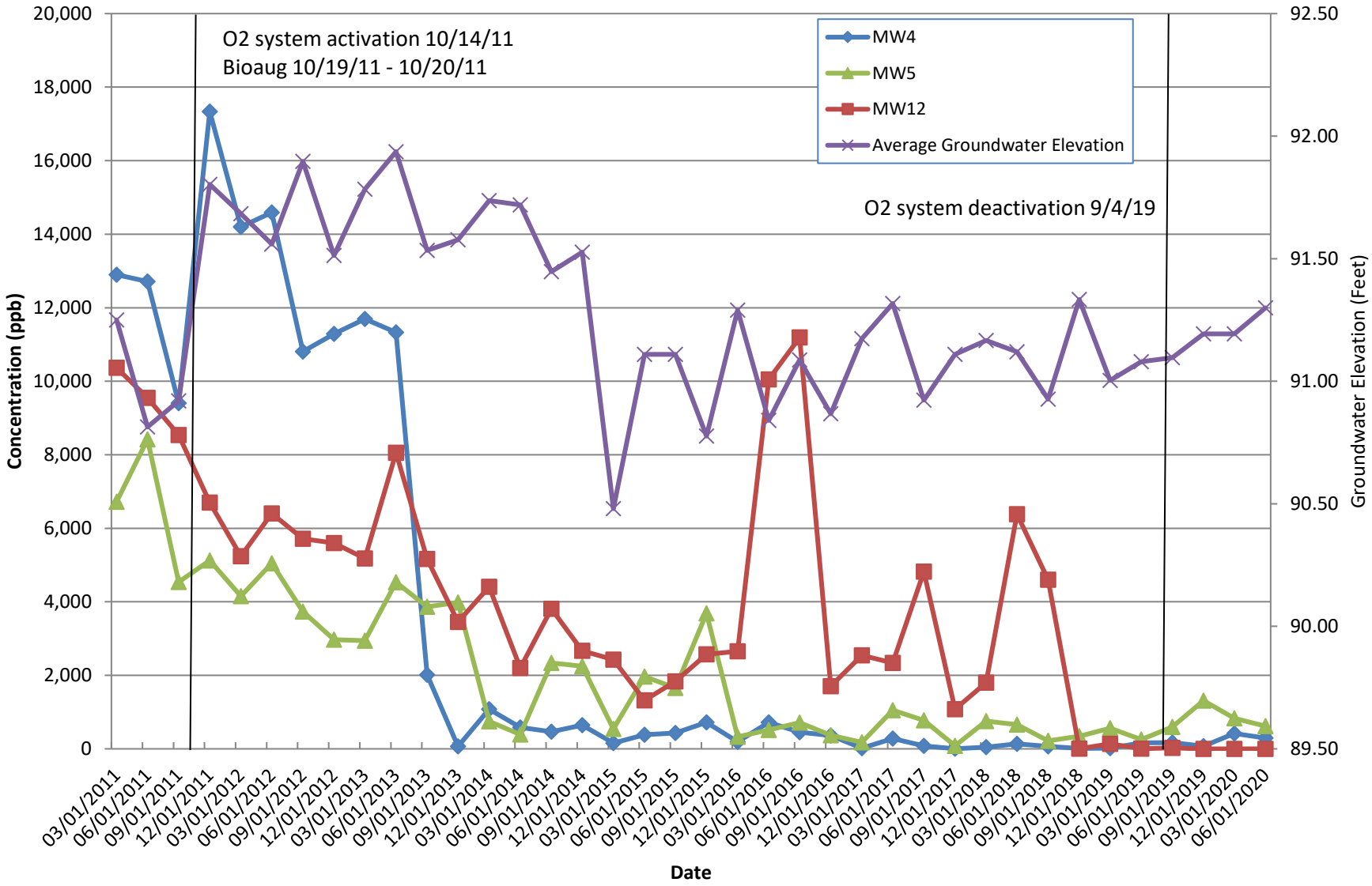


Chart 2 - Upgradient Monitoring Wells
(VOC Concentrations vs. Groundwater Elevation)

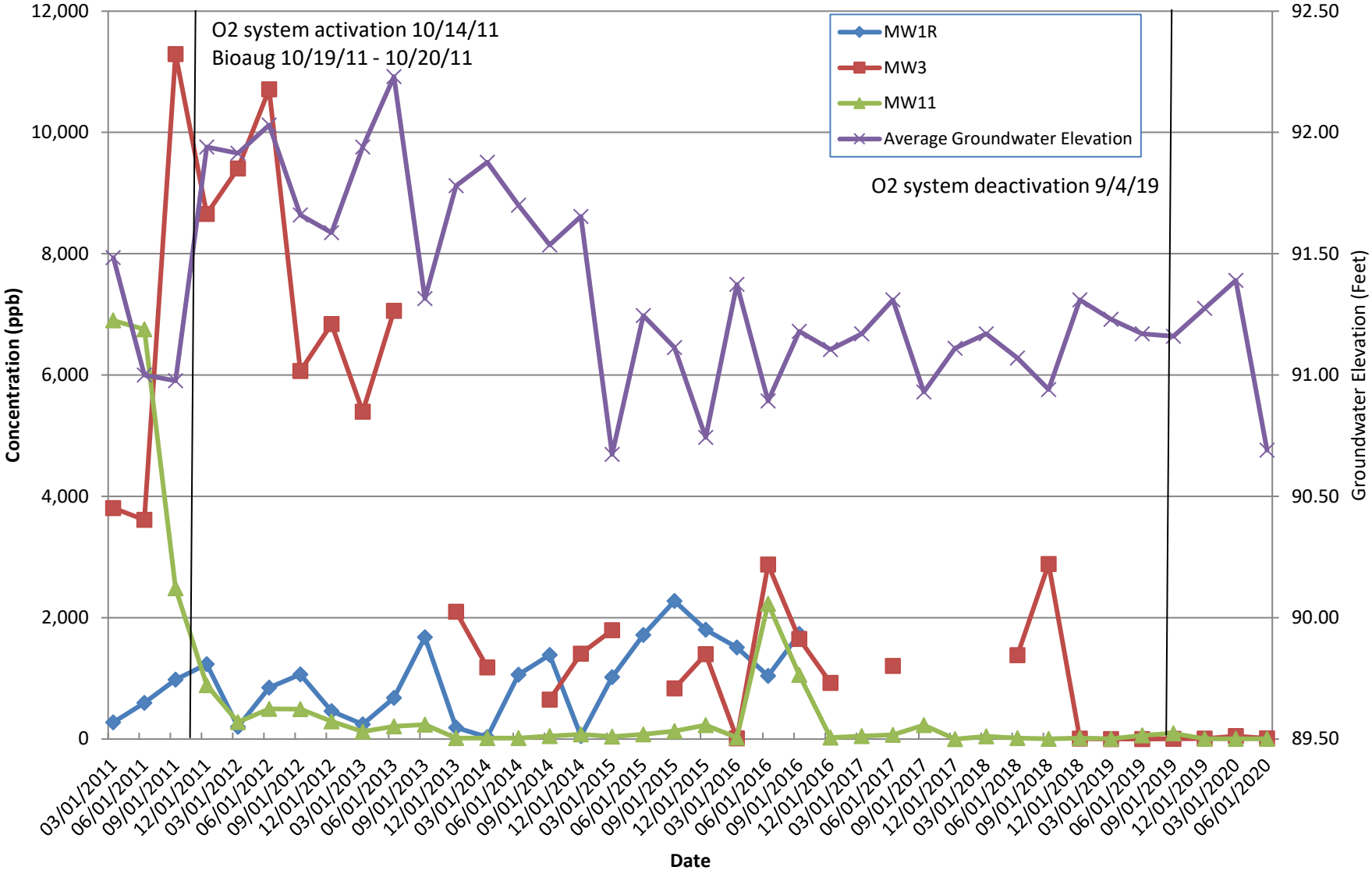
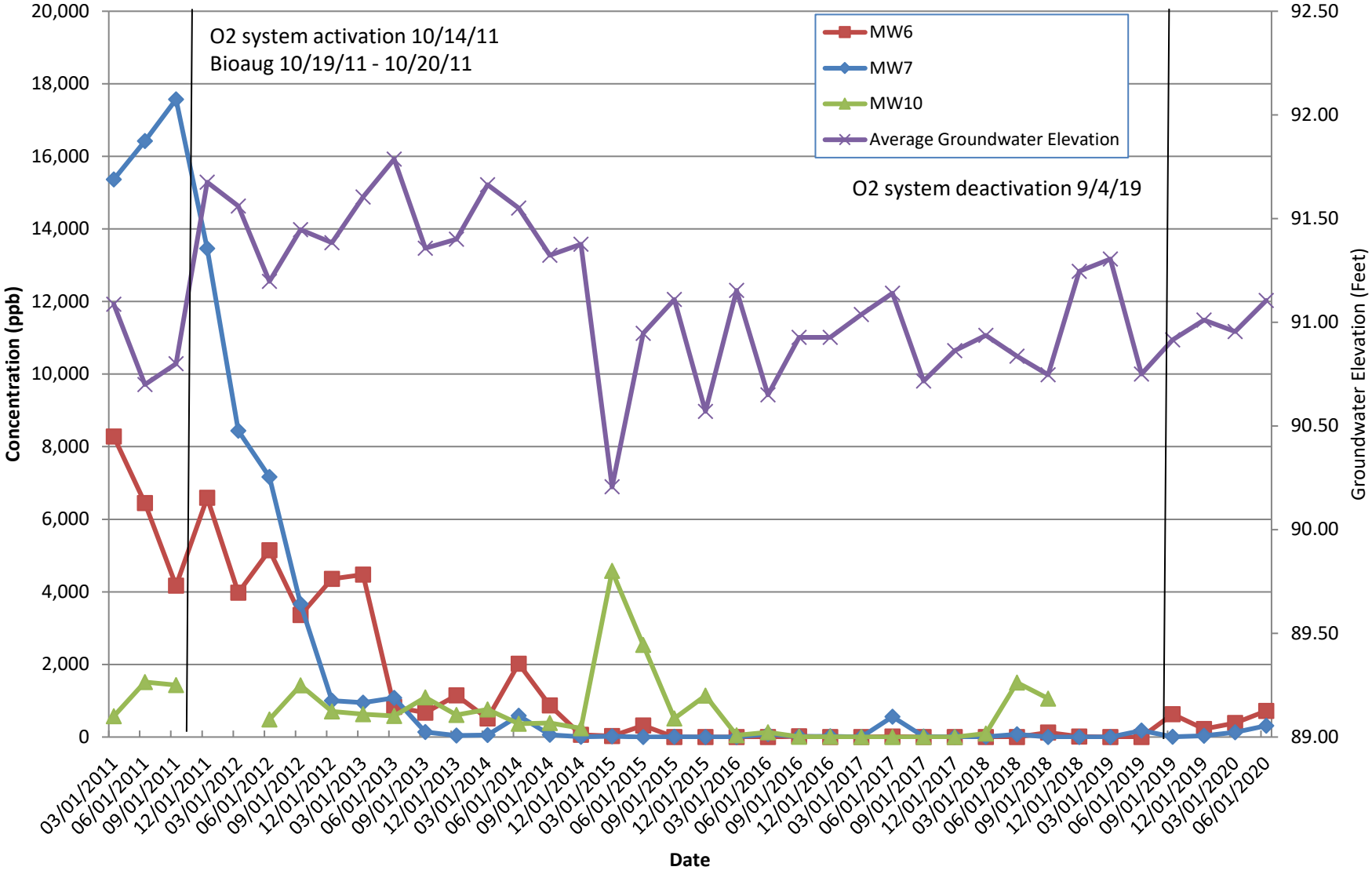


Chart 3 - Downgradient Monitoring Wells
(VOC Concentrations vs. Groundwater Elevation)



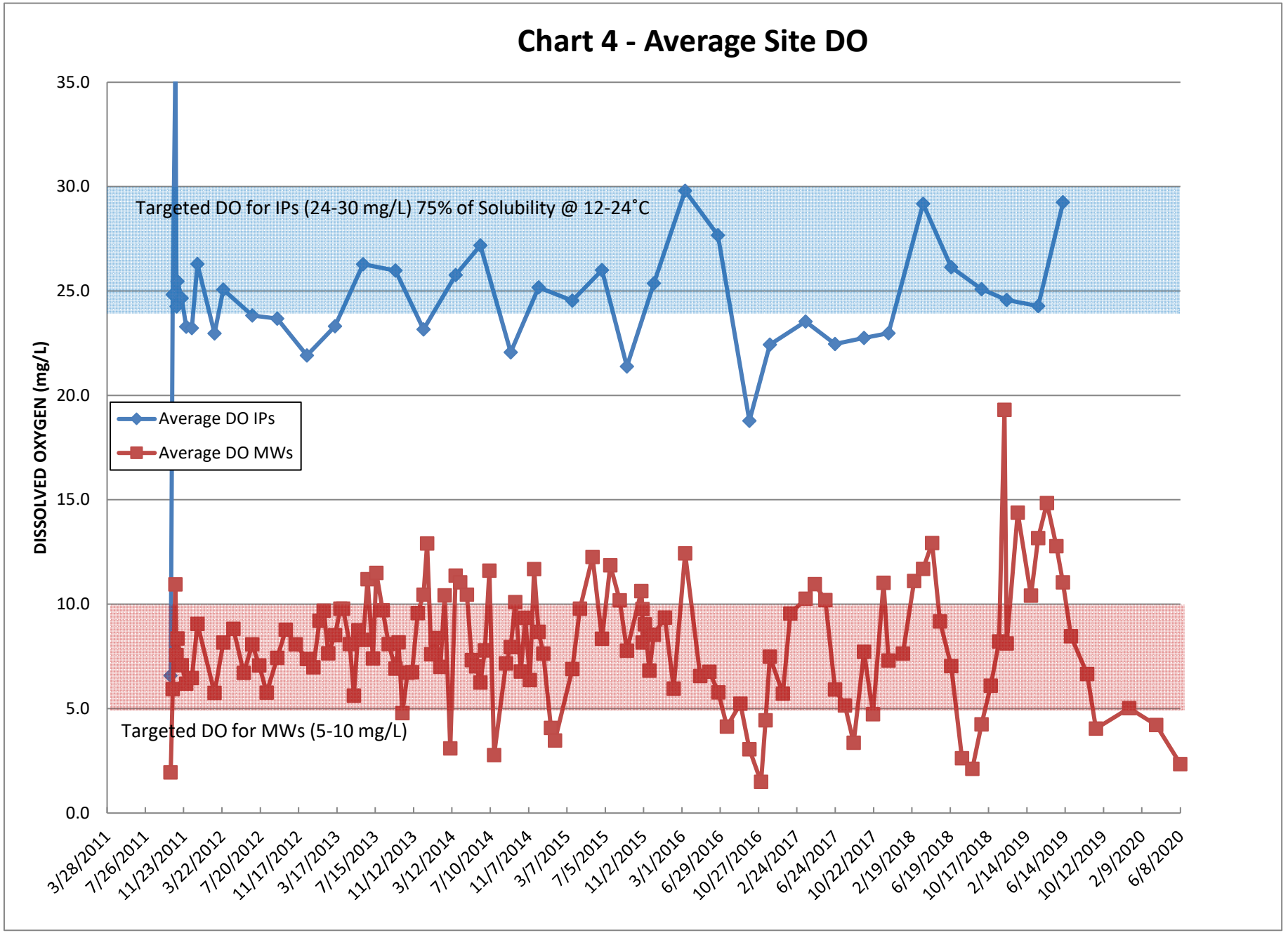


Chart 4 - Average Site DO
DISSOLVED OXYGEN (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Targeted DO for IPs (24-30 mg/L) 75% of Solubility @ 12-24˚C
Targeted DO for MWs (5-10 mg/L)
Average DO IPs
Average DO MWs
3/28/2011
7/26/2011
11/23/2011
3/22/2012
7/20/2012
11/17/2012
3/17/2013
7/15/2013
11/12/2013
3/12/2014
7/10/2014
11/7/2014
3/7/2015
7/5/2015
11/2/2015
3/1/2016
6/29/2016
10/27/2016
2/24/2017
6/24/2017
10/22/2017
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6/14/2019
10/12/2019
2/9/2020
6/8/2020

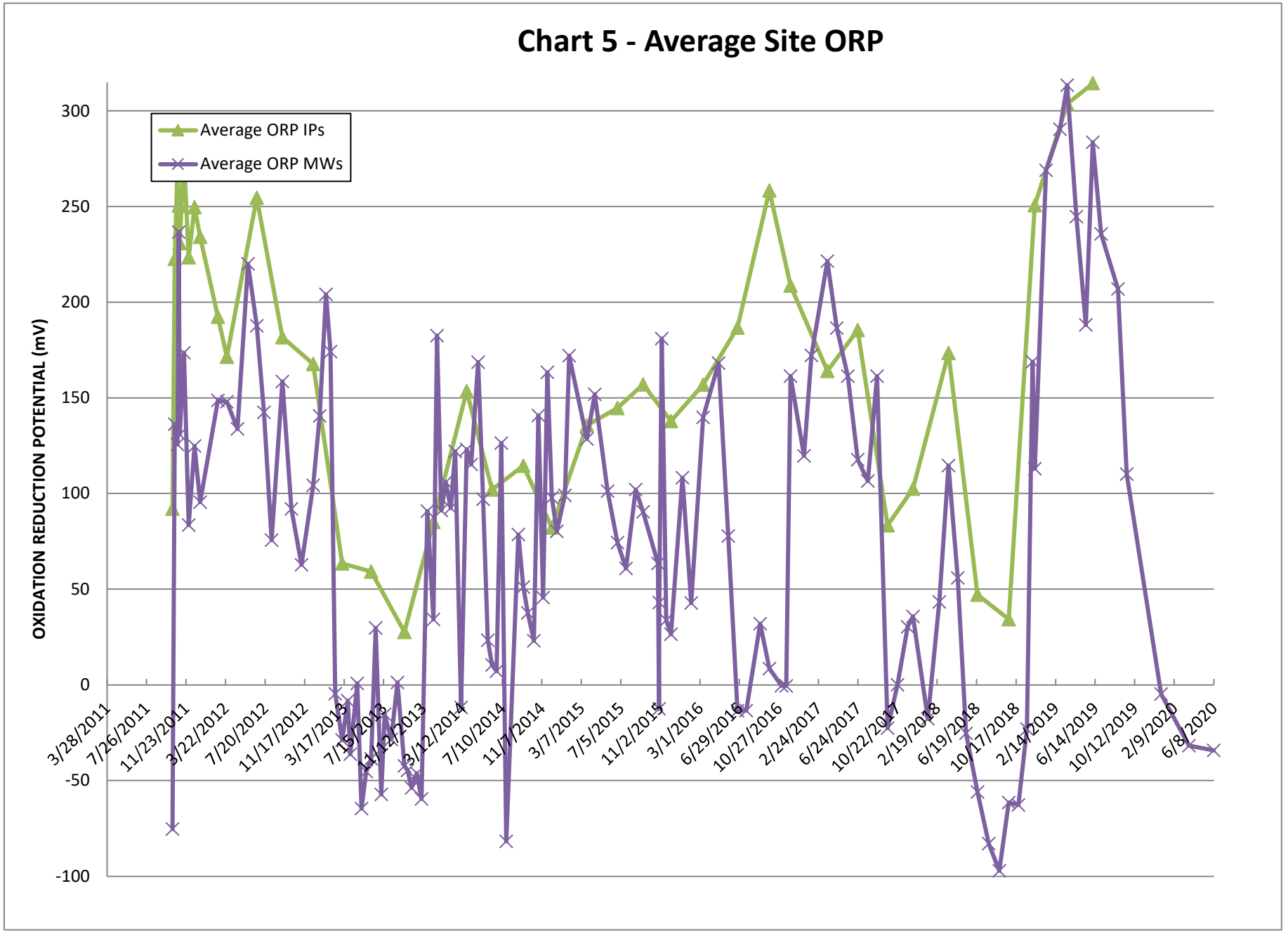
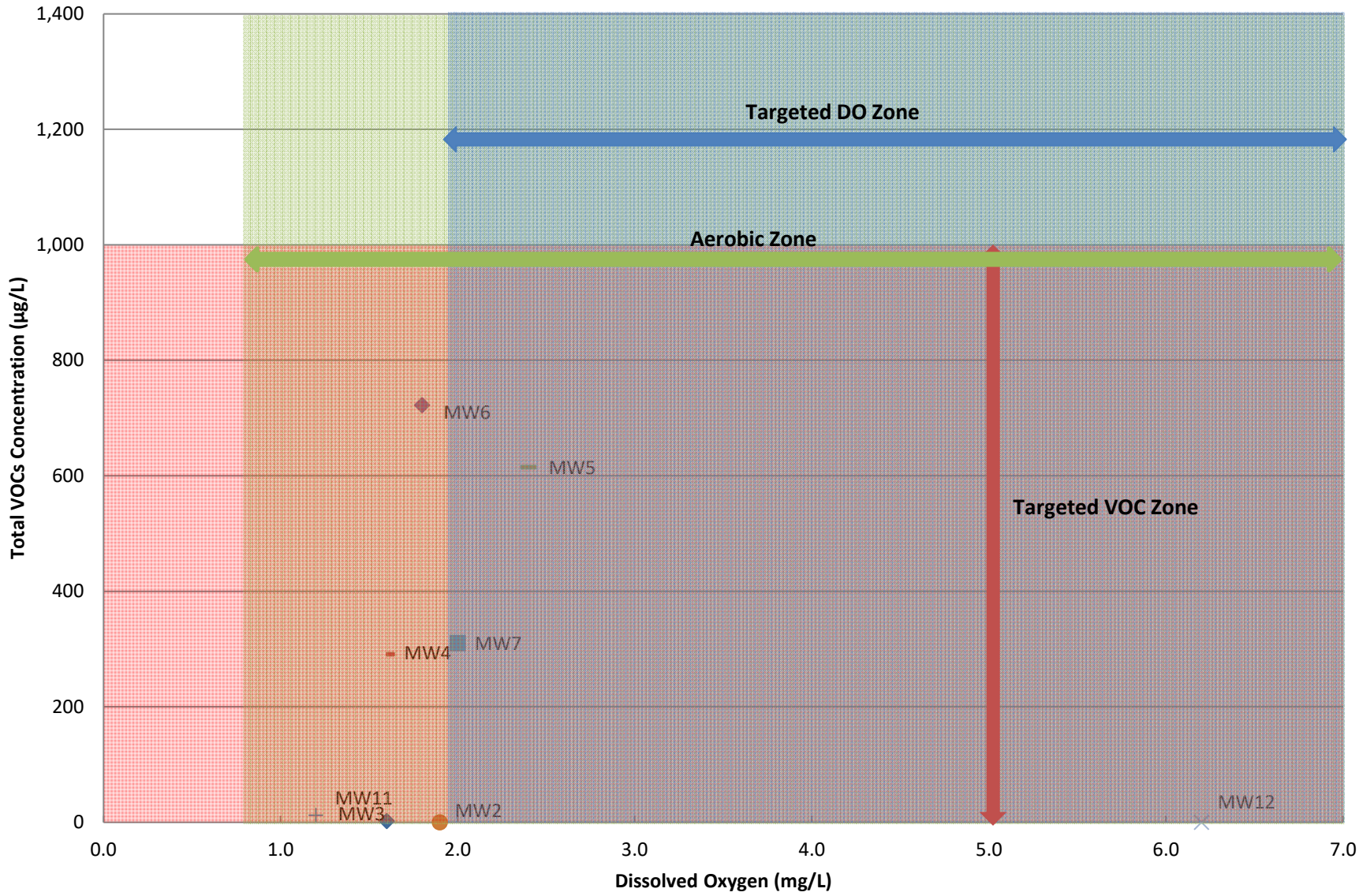


Chart 5 - Average Site ORP
Average ORP IPs
Average ORP MWs
OXIDATION REDUCTION POTENTIAL (mV)
300
250
200
150
100
50
0
-50
-100
3/28/2011
7/26/2011
11/23/2011
3/22/2012
7/20/2012
11/17/2012
3/17/2013
7/15/2013
11/12/2013
3/12/2014
7/10/2014
11/7/2014
3/7/2015
7/5/2015
11/2/2015
3/1/2016
6/29/2016
10/27/2016
2/24/2017
6/24/2017
10/22/2017
2/19/2018
6/19/2018
10/17/2018
2/14/2019
6/14/2019
10/12/2019
2/9/2020
6/8/2020

Chart 6 - Dissolved Oxygen v. Groundwater Quality (June 2020)



APPENDIX A
LABORATORY ANALYTICAL REPORT

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

June 16, 2020

Mr. Patrick Bliek
Matrix Environmental
689 Lakeview Knolls
Ontario, NY 14519

RE: Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Dear Mr. Bliek:

Enclosed are the analytical results for sample(s) received by the laboratory on June 10, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rachel D Christner

Rachel Christner
rachel.christner@pacelabs.com
724-850-5611
Project Manager

Enclosures

cc: Ms. Christine Curtis, Matrix Environmental
Mr. Steve Marchetti, Matrix Environmental Technologies, Inc.
Matrix Biotech Results, Matrix Environmental Technologies Inc.

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CERTIFICATIONS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Florida: Cert E871149 SEKS WET
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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SAMPLE ANALYTE COUNT

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30367234001	**MW2**	EPA 8260C	LEL	19	PASI-PA
30367234002	**MW3**	EPA 8260C	LEL	19	PASI-PA
30367234003	**MW4**	EPA 8260C	LEL	19	PASI-PA
30367234004	**MW5**	EPA 8260C	LEL	19	PASI-PA
30367234005	**MW6**	EPA 8260C	LEL	19	PASI-PA
30367234006	**MW7**	EPA 8260C	LEL	19	PASI-PA
30367234007	**MW11**	EPA 8260C	LEL	19	PASI-PA
30367234008	**MW12**	EPA 8260C	LEL	19	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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PROJECT NARRATIVE

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Date: June 16, 2020

MW12 (Lab ID: 30367234008)

- The pH of the VOA vial used for analysis was 7.
- Post-analysis pH measurement indicates pH > 2.
- Residual Chlorine was present in the VOA vial used for analysis.

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PROJECT NARRATIVE

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Method: **EPA 8260C**
Description: 8260C MSV
Client: Sunoco_Matrix Environmental Technologies, Inc.
Date: June 16, 2020

General Information:
8 samples were analyzed for EPA 8260C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW2 **Lab ID: 30367234001** Collected: 06/08/20 09:15 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 14:12	71-43-2	
n-Butylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	98-06-6	
Ethylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/15/20 14:12	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/15/20 14:12	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 14:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		06/15/20 14:12	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	103-65-1	
Toluene	ND	ug/L	1.0	1		06/15/20 14:12	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 14:12	108-67-8	
m&p-Xylene	ND	ug/L	2.0	1		06/15/20 14:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/15/20 14:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%.	70-130	1		06/15/20 14:12	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%.	70-130	1		06/15/20 14:12	17060-07-0	
Toluene-d8 (S)	98	%.	70-130	1		06/15/20 14:12	2037-26-5	
Dibromofluoromethane (S)	101	%.	70-130	1		06/15/20 14:12	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW3 **Lab ID: 30367234002** Collected: 06/08/20 09:53 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 15:53	71-43-2	
n-Butylbenzene	ND	ug/L	1.0	1		06/15/20 15:53	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/15/20 15:53	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 15:53	98-06-6	
Ethylbenzene	**2.6**	ug/L	1.0	1		06/15/20 15:53	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/15/20 15:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/15/20 15:53	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 15:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		06/15/20 15:53	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/15/20 15:53	103-65-1	
Toluene	ND	ug/L	1.0	1		06/15/20 15:53	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 15:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 15:53	108-67-8	
m&p-Xylene	**7.9**	ug/L	2.0	1		06/15/20 15:53	179601-23-1	
o-Xylene	**1.5**	ug/L	1.0	1		06/15/20 15:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%.	70-130	1		06/15/20 15:53	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%.	70-130	1		06/15/20 15:53	17060-07-0	
Toluene-d8 (S)	96	%.	70-130	1		06/15/20 15:53	2037-26-5	
Dibromofluoromethane (S)	98	%.	70-130	1		06/15/20 15:53	1868-53-7	

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ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW4 **Lab ID: 30367234003** Collected: 06/08/20 10:05 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 16:18	71-43-2	
n-Butylbenzene	**2.1**	ug/L	1.0	1		06/15/20 16:18	104-51-8	
sec-Butylbenzene	**3.1**	ug/L	1.0	1		06/15/20 16:18	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 16:18	98-06-6	
Ethylbenzene	**73.6**	ug/L	1.0	1		06/15/20 16:18	100-41-4	
Isopropylbenzene (Cumene)	**23.0**	ug/L	1.0	1		06/15/20 16:18	98-82-8	
p-Isopropyltoluene	**1.5**	ug/L	1.0	1		06/15/20 16:18	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 16:18	1634-04-4	
Naphthalene	**6.2**	ug/L	2.0	1		06/15/20 16:18	91-20-3	
n-Propylbenzene	**30.2**	ug/L	1.0	1		06/15/20 16:18	103-65-1	
Toluene	**26.5**	ug/L	1.0	1		06/15/20 16:18	108-88-3	
1,2,4-Trimethylbenzene	**95.9**	ug/L	1.0	1		06/15/20 16:18	95-63-6	
1,3,5-Trimethylbenzene	**5.1**	ug/L	1.0	1		06/15/20 16:18	108-67-8	
m&p-Xylene	**21.2**	ug/L	2.0	1		06/15/20 16:18	179601-23-1	
o-Xylene	**8.7**	ug/L	1.0	1		06/15/20 16:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%.	70-130	1		06/15/20 16:18	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%.	70-130	1		06/15/20 16:18	17060-07-0	
Toluene-d8 (S)	97	%.	70-130	1		06/15/20 16:18	2037-26-5	
Dibromofluoromethane (S)	97	%.	70-130	1		06/15/20 16:18	1868-53-7	

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ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW5 **Lab ID: 30367234004** Collected: 06/08/20 10:17 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 18:49	71-43-2	
n-Butylbenzene	**4.9**	ug/L	1.0	1		06/15/20 18:49	104-51-8	
sec-Butylbenzene	**5.2**	ug/L	1.0	1		06/15/20 18:49	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 18:49	98-06-6	
Ethylbenzene	**139**	ug/L	1.0	1		06/15/20 18:49	100-41-4	
Isopropylbenzene (Cumene)	**31.6**	ug/L	1.0	1		06/15/20 18:49	98-82-8	
p-Isopropyltoluene	**1.2**	ug/L	1.0	1		06/15/20 18:49	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 18:49	1634-04-4	
Naphthalene	**22.3**	ug/L	2.0	1		06/15/20 18:49	91-20-3	
n-Propylbenzene	**59.6**	ug/L	1.0	1		06/15/20 18:49	103-65-1	
Toluene	**10.4**	ug/L	1.0	1		06/15/20 18:49	108-88-3	
1,2,4-Trimethylbenzene	**168**	ug/L	1.0	1		06/15/20 18:49	95-63-6	
1,3,5-Trimethylbenzene	**9.5**	ug/L	1.0	1		06/15/20 18:49	108-67-8	
m&p-Xylene	**149**	ug/L	2.0	1		06/15/20 18:49	179601-23-1	
o-Xylene	**6.6**	ug/L	1.0	1		06/15/20 18:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%.	70-130	1		06/15/20 18:49	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%.	70-130	1		06/15/20 18:49	17060-07-0	
Toluene-d8 (S)	95	%.	70-130	1		06/15/20 18:49	2037-26-5	
Dibromofluoromethane (S)	99	%.	70-130	1		06/15/20 18:49	1868-53-7	

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ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW6 **Lab ID: 30367234005** Collected: 06/08/20 10:29 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 16:43	71-43-2	
n-Butylbenzene	ND	ug/L	1.0	1		06/15/20 16:43	104-51-8	
sec-Butylbenzene	**1.2**	ug/L	1.0	1		06/15/20 16:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 16:43	98-06-6	
Ethylbenzene	**3.7**	ug/L	1.0	1		06/15/20 16:43	100-41-4	
Isopropylbenzene (Cumene)	**3.4**	ug/L	1.0	1		06/15/20 16:43	98-82-8	
p-Isopropyltoluene	**1.1**	ug/L	1.0	1		06/15/20 16:43	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 16:43	1634-04-4	
Naphthalene	**41.7**	ug/L	2.0	1		06/15/20 16:43	91-20-3	
n-Propylbenzene	**2.3**	ug/L	1.0	1		06/15/20 16:43	103-65-1	
Toluene	**9.4**	ug/L	1.0	1		06/15/20 16:43	108-88-3	
1,2,4-Trimethylbenzene	**207**	ug/L	1.0	1		06/15/20 16:43	95-63-6	
1,3,5-Trimethylbenzene	**18.2**	ug/L	1.0	1		06/15/20 16:43	108-67-8	
m&p-Xylene	**369**	ug/L	2.0	1		06/15/20 16:43	179601-23-1	
o-Xylene	**107**	ug/L	1.0	1		06/15/20 16:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%.	70-130	1		06/15/20 16:43	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%.	70-130	1		06/15/20 16:43	17060-07-0	
Toluene-d8 (S)	102	%.	70-130	1		06/15/20 16:43	2037-26-5	
Dibromofluoromethane (S)	99	%.	70-130	1		06/15/20 16:43	1868-53-7	

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ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW7 **Lab ID: 30367234006** Collected: 06/08/20 10:40 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 17:08	71-43-2	
n-Butylbenzene	ND	ug/L	1.0	1		06/15/20 17:08	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/15/20 17:08	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 17:08	98-06-6	
Ethylbenzene	**38.4**	ug/L	1.0	1		06/15/20 17:08	100-41-4	
Isopropylbenzene (Cumene)	**1.3**	ug/L	1.0	1		06/15/20 17:08	98-82-8	
p-Isopropyltoluene	**5.5**	ug/L	1.0	1		06/15/20 17:08	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 17:08	1634-04-4	
Naphthalene	**19.3**	ug/L	2.0	1		06/15/20 17:08	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/15/20 17:08	103-65-1	
Toluene	**40.6**	ug/L	1.0	1		06/15/20 17:08	108-88-3	
1,2,4-Trimethylbenzene	**24.7**	ug/L	1.0	1		06/15/20 17:08	95-63-6	
1,3,5-Trimethylbenzene	**9.5**	ug/L	1.0	1		06/15/20 17:08	108-67-8	
m&p-Xylene	**155**	ug/L	2.0	1		06/15/20 17:08	179601-23-1	
o-Xylene	**35.4**	ug/L	1.0	1		06/15/20 17:08	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%.	70-130	1		06/15/20 17:08	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%.	70-130	1		06/15/20 17:08	17060-07-0	
Toluene-d8 (S)	99	%.	70-130	1		06/15/20 17:08	2037-26-5	
Dibromofluoromethane (S)	99	%.	70-130	1		06/15/20 17:08	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW11 **Lab ID: 30367234007** Collected: 06/08/20 09:39 Received: 06/10/20 09:15 Matrix: Water

Comments: • Samples in this workorder were received in the laboratory without an associated trip blank.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 17:33	71-43-2	
n-Butylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	98-06-6	
Ethylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/15/20 17:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/15/20 17:33	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 17:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		06/15/20 17:33	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	103-65-1	
Toluene	**1.0**	ug/L	1.0	1		06/15/20 17:33	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 17:33	108-67-8	
m&p-Xylene	ND	ug/L	2.0	1		06/15/20 17:33	179601-23-1	
o-Xylene	**1.2**	ug/L	1.0	1		06/15/20 17:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	111	%.	70-130	1		06/15/20 17:33	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%.	70-130	1		06/15/20 17:33	17060-07-0	
Toluene-d8 (S)	98	%.	70-130	1		06/15/20 17:33	2037-26-5	
Dibromofluoromethane (S)	101	%.	70-130	1		06/15/20 17:33	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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(724)850-5600

ANALYTICAL RESULTS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Sample: MW12 **Lab ID: 30367234008** Collected: 06/08/20 10:09 Received: 06/10/20 09:15 Matrix: Water

Comments:
- Samples in this workorder were received in the laboratory without an associated trip blank.
- The pH of the VOA vial used for analysis was 7.
- Post-analysis pH measurement indicates pH > 2.
- Residual Chlorine was present in the VOA vial used for analysis.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV	Analytical Method: EPA 8260C Pace Analytical Services - Greensburg							
Benzene	ND	ug/L	1.0	1		06/15/20 15:02	71-43-2	
n-Butylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	98-06-6	
Ethylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/15/20 15:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/15/20 15:02	99-87-6	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/20 15:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		06/15/20 15:02	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	103-65-1	
Toluene	ND	ug/L	1.0	1		06/15/20 15:02	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/15/20 15:02	108-67-8	
m&p-Xylene	ND	ug/L	2.0	1		06/15/20 15:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/15/20 15:02	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	108	%.	70-130	1		06/15/20 15:02	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%.	70-130	1		06/15/20 15:02	17060-07-0	
Toluene-d8 (S)	101	%.	70-130	1		06/15/20 15:02	2037-26-5	
Dibromofluoromethane (S)	99	%.	70-130	1		06/15/20 15:02	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

QC Batch: 400895 Analysis Method: EPA 8260C
QC Batch Method: EPA 8260C Analysis Description: 8260C MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30367234001, 30367234002, 30367234003, 30367234004, 30367234005, 30367234006, 30367234007, 30367234008

METHOD BLANK: 1941066 Matrix: Water
Associated Lab Samples: 30367234001, 30367234002, 30367234003, 30367234004, 30367234005, 30367234006, 30367234007, 30367234008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/15/20 12:31	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/15/20 12:31	
Benzene	ug/L	ND	1.0	06/15/20 12:31	
Ethylbenzene	ug/L	ND	1.0	06/15/20 12:31	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/15/20 12:31	
m&p-Xylene	ug/L	ND	2.0	06/15/20 12:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/15/20 12:31	
n-Butylbenzene	ug/L	ND	1.0	06/15/20 12:31	
n-Propylbenzene	ug/L	ND	1.0	06/15/20 12:31	
Naphthalene	ug/L	ND	2.0	06/15/20 12:31	
o-Xylene	ug/L	ND	1.0	06/15/20 12:31	
p-Isopropyltoluene	ug/L	ND	1.0	06/15/20 12:31	
sec-Butylbenzene	ug/L	ND	1.0	06/15/20 12:31	
tert-Butylbenzene	ug/L	ND	1.0	06/15/20 12:31	
Toluene	ug/L	ND	1.0	06/15/20 12:31	
1,2-Dichloroethane-d4 (S)	%.	98	70-130	06/15/20 12:31	
4-Bromofluorobenzene (S)	%.	106	70-130	06/15/20 12:31	
Dibromofluoromethane (S)	%.	103	70-130	06/15/20 12:31	
Toluene-d8 (S)	%.	84	70-130	06/15/20 12:31	

LABORATORY CONTROL SAMPLE: 1941067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.1	106	70-130	
1,3,5-Trimethylbenzene	ug/L	20	20.5	103	70-130	
Benzene	ug/L	20	21.6	108	70-130	
Ethylbenzene	ug/L	20	21.6	108	70-130	
Isopropylbenzene (Cumene)	ug/L	20	23.5	118	70-130	
m&p-Xylene	ug/L	40	41.7	104	70-130	
Methyl-tert-butyl ether	ug/L	20	18.3	91	70-130	
n-Butylbenzene	ug/L	20	20.1	100	70-130	
n-Propylbenzene	ug/L	20	21.0	105	70-130	
Naphthalene	ug/L	20	21.4	107	55-160	
o-Xylene	ug/L	20	21.0	105	70-130	
p-Isopropyltoluene	ug/L	20	20.9	105	70-130	
sec-Butylbenzene	ug/L	20	21.6	108	70-130	
tert-Butylbenzene	ug/L	20	21.1	106	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

LABORATORY CONTROL SAMPLE: 1941067

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane-d4 (S)	%.			94	70-130	
4-Bromofluorobenzene (S)	%.			102	70-130	
Dibromofluoromethane (S)	%.			100	70-130	
Toluene-d8 (S)	%.			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1941068 1941069

Parameter	Units	30367234001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.3	18.6	86	93	52-151	8	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	16.8	17.8	84	89	53-142	6	
Benzene	ug/L	ND	20	20	17.6	17.5	88	87	50-149	1	
Ethylbenzene	ug/L	ND	20	20	17.2	18.1	86	90	63-135	5	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.7	20.9	98	104	50-167	6	
m&p-Xylene	ug/L	ND	40	40	33.9	35.3	85	88	63-135	4	
Methyl-tert-butyl ether	ug/L	ND	20	20	15.3	13.0	77	65	53-123	16	
n-Butylbenzene	ug/L	ND	20	20	15.4	15.8	77	79	51-125	3	
n-Propylbenzene	ug/L	ND	20	20	17.1	17.9	86	89	56-135	4	
Naphthalene	ug/L	ND	20	20	16.1	16.1	81	81	30-157	0	
o-Xylene	ug/L	ND	20	20	16.9	17.6	85	88	57-133	4	
p-Isopropyltoluene	ug/L	ND	20	20	16.7	17.3	83	87	56-128	4	
sec-Butylbenzene	ug/L	ND	20	20	17.7	19.3	87	95	56-130	9	
tert-Butylbenzene	ug/L	ND	20	20	17.7	18.2	88	91	60-129	3	
Toluene	ug/L	ND	20	20	17.6	17.5	88	87	59-139	1	
1,2-Dichloroethane-d4 (S)	%.						95	86	70-130		
4-Bromofluorobenzene (S)	%.						106	110	70-130		
Dibromofluoromethane (S)	%.						100	94	70-130		
Toluene-d8 (S)	%.						102	96	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(724)850-5600

QUALIFIERS

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DUNS 00001289 181 Delaware Ave
Pace Project No.: 30367234

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30367234001	**MW2**	EPA 8260C	400895		
30367234002	**MW3**	EPA 8260C	400895		
30367234003	**MW4**	EPA 8260C	400895		
30367234004	**MW5**	EPA 8260C	400895		
30367234005	**MW6**	EPA 8260C	400895		
30367234006	**MW7**	EPA 8260C	400895		
30367234007	**MW11**	EPA 8260C	400895		
30367234008	**MW12**	EPA 8260C	400895		

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Matrix BioTech - Sunoco

PO Box 427
Orchard Park, NY 14127

Billing Information:
Accounts Payable
PO Box 427
Orchard Park, NY 14127

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

WO# : 30367234

30367234

Report to: **Christine Curtis**

Email To: **ccurtis@matrixbiotech.com; smarchetti@matrixbiotech.com;**

Project Description: **Evergreen 181 Delaware**

City/State Collected: NY

Phone: **908-399-3651**
Fax:

Client Project # EG 181 delaware 10-043

Lab Project # **SUNMATRIXBIO-0000128**

Collected by (print): N.A. Ten Cate

Site/Facility ID # **00001289**

P.O. # 10-043

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day Normal

Date Results Needed

L #

Table #

Acctnum: **SUNMATRIXBIO**
Template: **T146942**
Prelogin: **P696441**
TSR: **134 - Mark W. Beasley**
PB: 3-1-19

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260STARS 40mlAmb-HCl	Remarks	Sample # (lab only)
MW2	Grab	GW		6/8/20	9:15	3	X		001
MW3		GW		6/8/20	9:53	3	X		002
MW4		GW		6/8/20	10:05	3	X		003
MW5		GW		6/8/20	10:17	3	X		004
MW6		GW		6/8/20	10:29	3	X		005
MW7		GW		6/8/20	10:40	3	X		006
MW11		GW		6/8/20	9:39	3	X		007
MW12		GW		6/8/20	10:09	3	X		008
[redacted]		GW		[illegible]		3	X		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
[signature]	6/8/2020	11:00am	[signature] 6-10-20 9:19		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK

Pittsburgh Lab Sample Condition Upon Receipt

Pace Analytical

Client Name: Sunoco Matrix

Project # 30367234

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label PM

LIMS Login PM

Tracking #: 3936 9079 7311

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Thermometer Used 9 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 6.4 °C Correction Factor: -0.5 °C Final Temp: 5.9 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	N/A	pH paper Lot# N/A	Date and Initials of person examining contents: PM 6-10-20
Chain of Custody Present:	✓			1.	
Chain of Custody Filled Out:	✓			2.	
Chain of Custody Relinquished:	✓			3.	
Sampler Name & Signature on COC:	✓			4.	
Sample Labels match COC:	✓			5.	
-Includes date/time/ID Matrix: WT					
Samples Arrived within Hold Time:	✓			6.	
Short Hold Time Analysis (<72hr remaining):		✓		7.	
Rush Turn Around Time Requested:		✓		8.	
Sufficient Volume:	✓			9.	
Correct Containers Used:	✓			10.	
-Pace Containers Used:		✓			
Containers Intact:	✓			11.	
Orthophosphate field filtered			✓	12.	
Hex Cr Aqueous sample field filtered			✓	13.	
Organic Samples checked for dechlorination:			✓	14.	
Filtered volume received for Dissolved tests			✓	15.	
All containers have been checked for preservation. exceptions: (VOA), coliform, TOC, O&G, Phenolics, Radon, Non-aqueous matrix			✓	16.	
All containers meet method preservation requirements.	✓			Initial when completed PM	Date/time of preservation
				Lot # of added preservative	
Headspace in VOA Vials (>6mm):	✓			17. Headspace in 2 VOA MW4, 2 VOAs MW5	
Trip Blank Present:		✓		18.	
Trip Blank Custody Seals Present		✓			
Rad Samples Screened < 0.5 mrem/hr			✓	Initial when completed: PM	Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

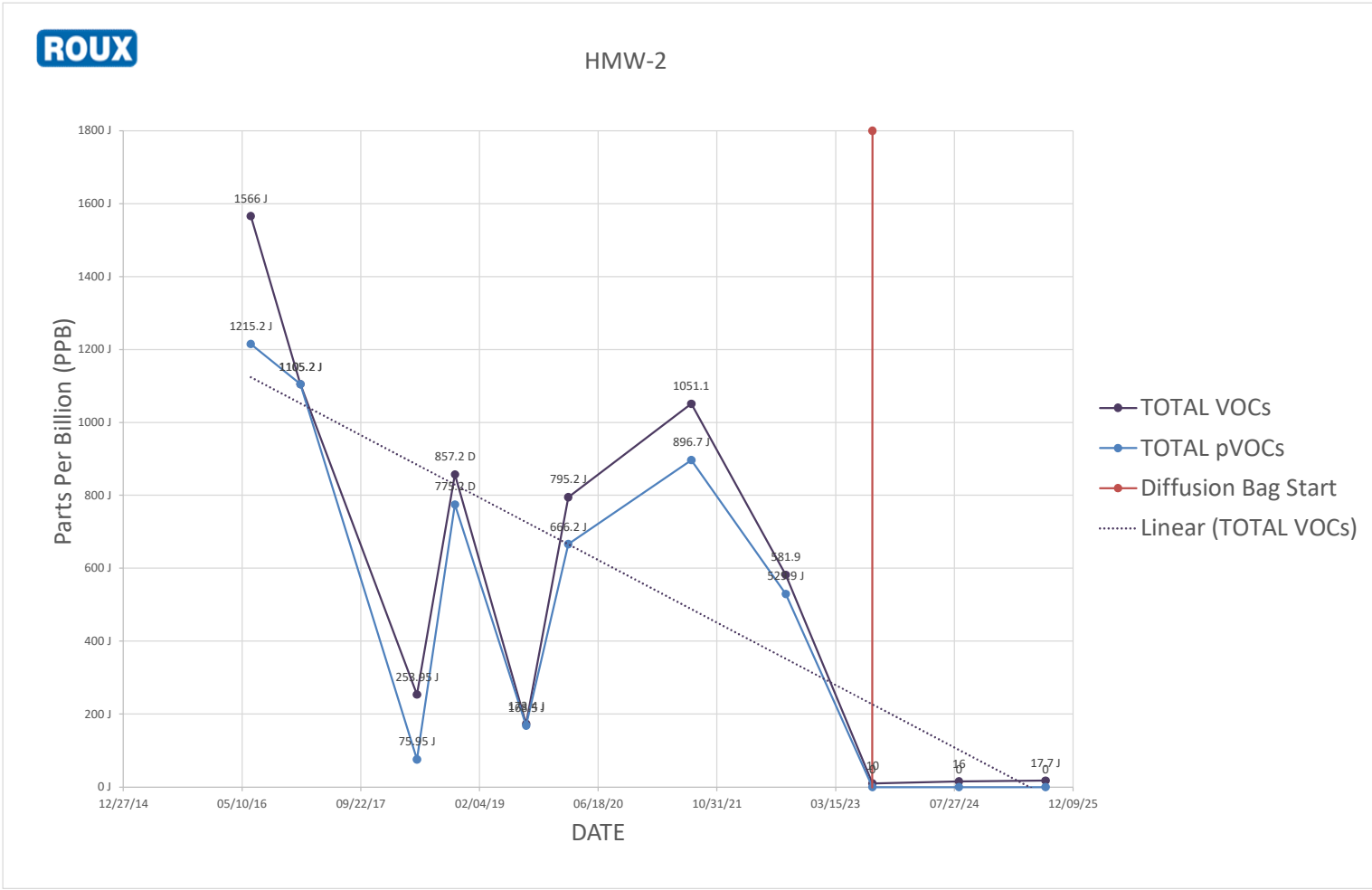
☐ **A check in this box indicates that additional information has been stored in ereports.**

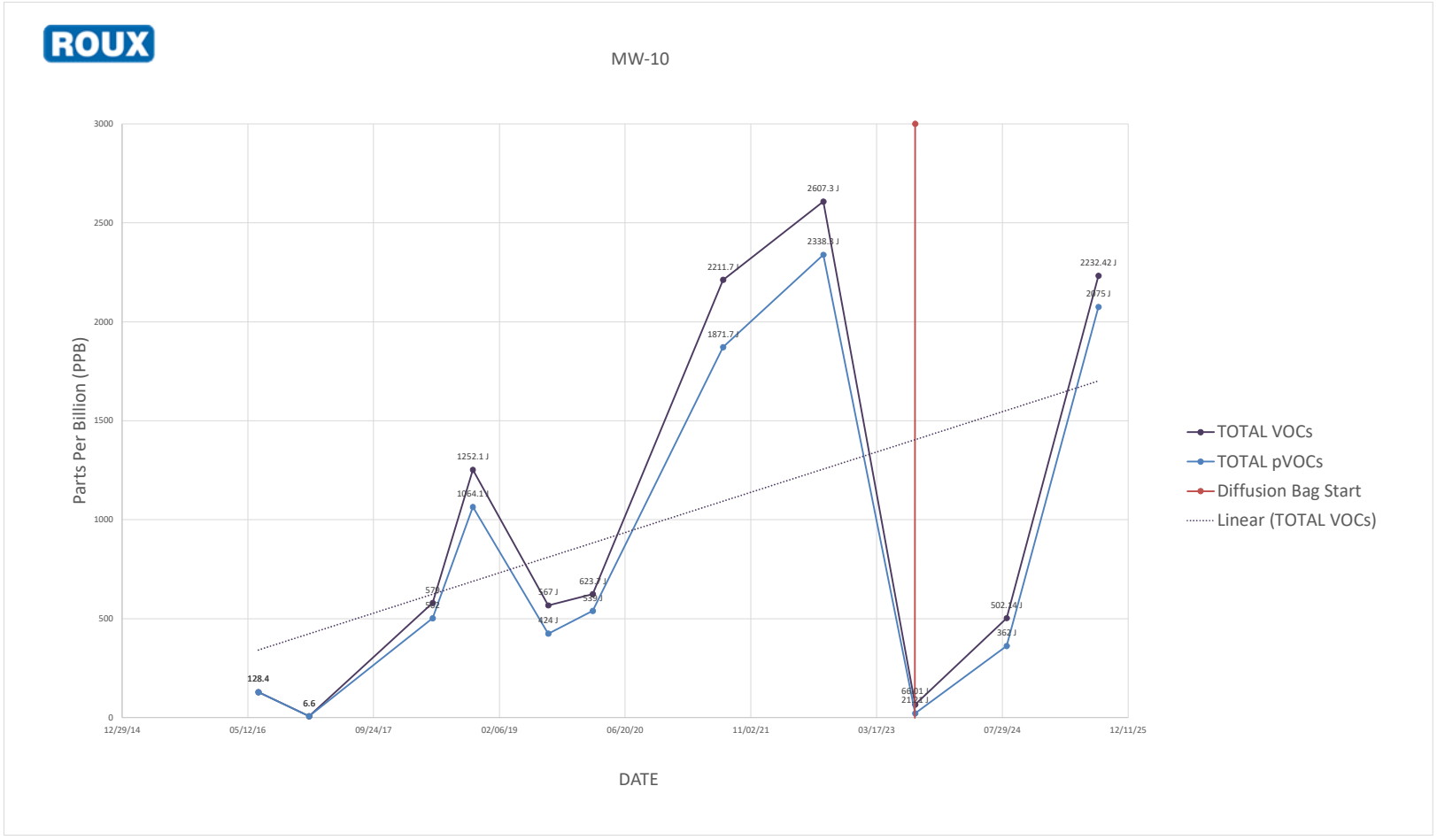
Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

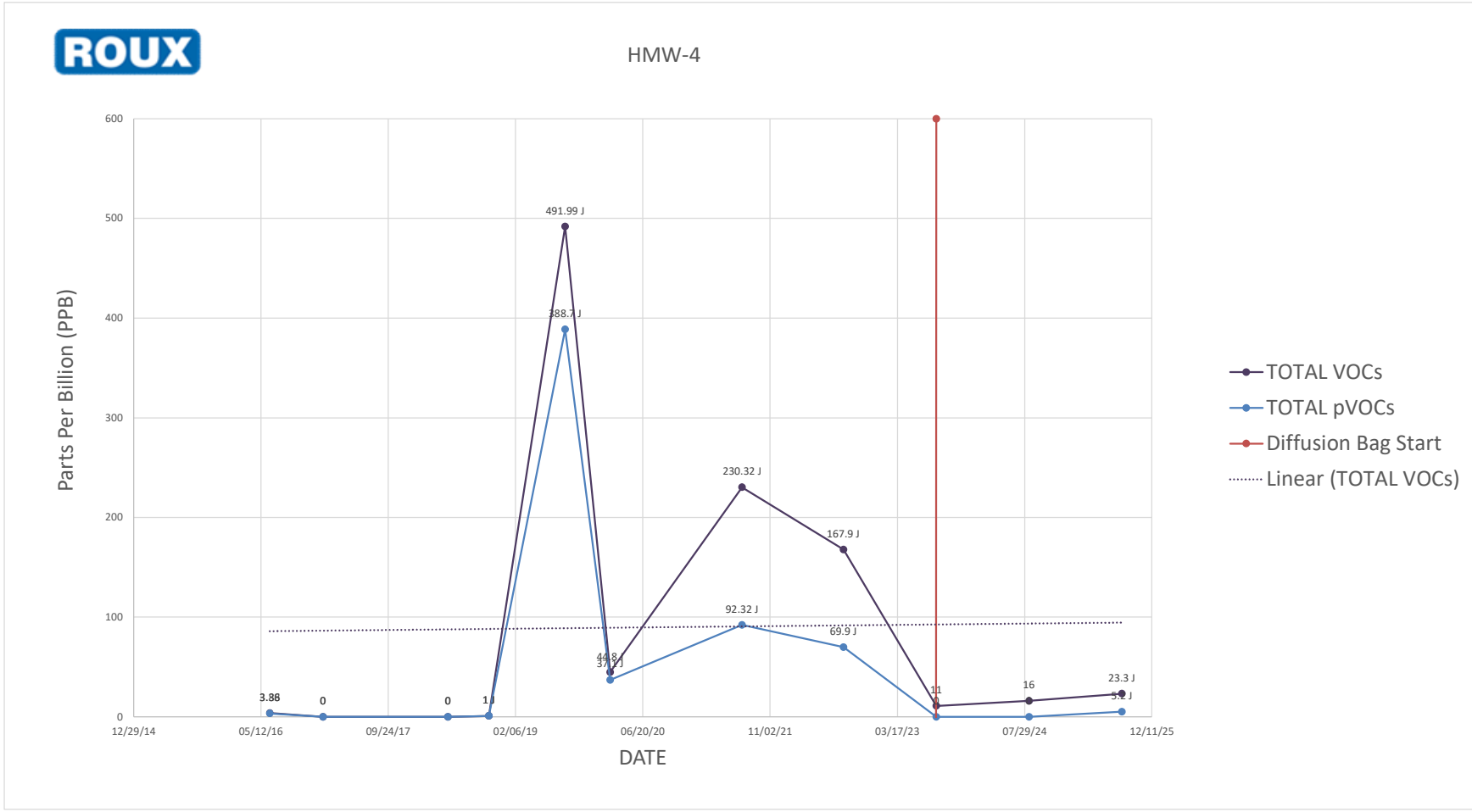
*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

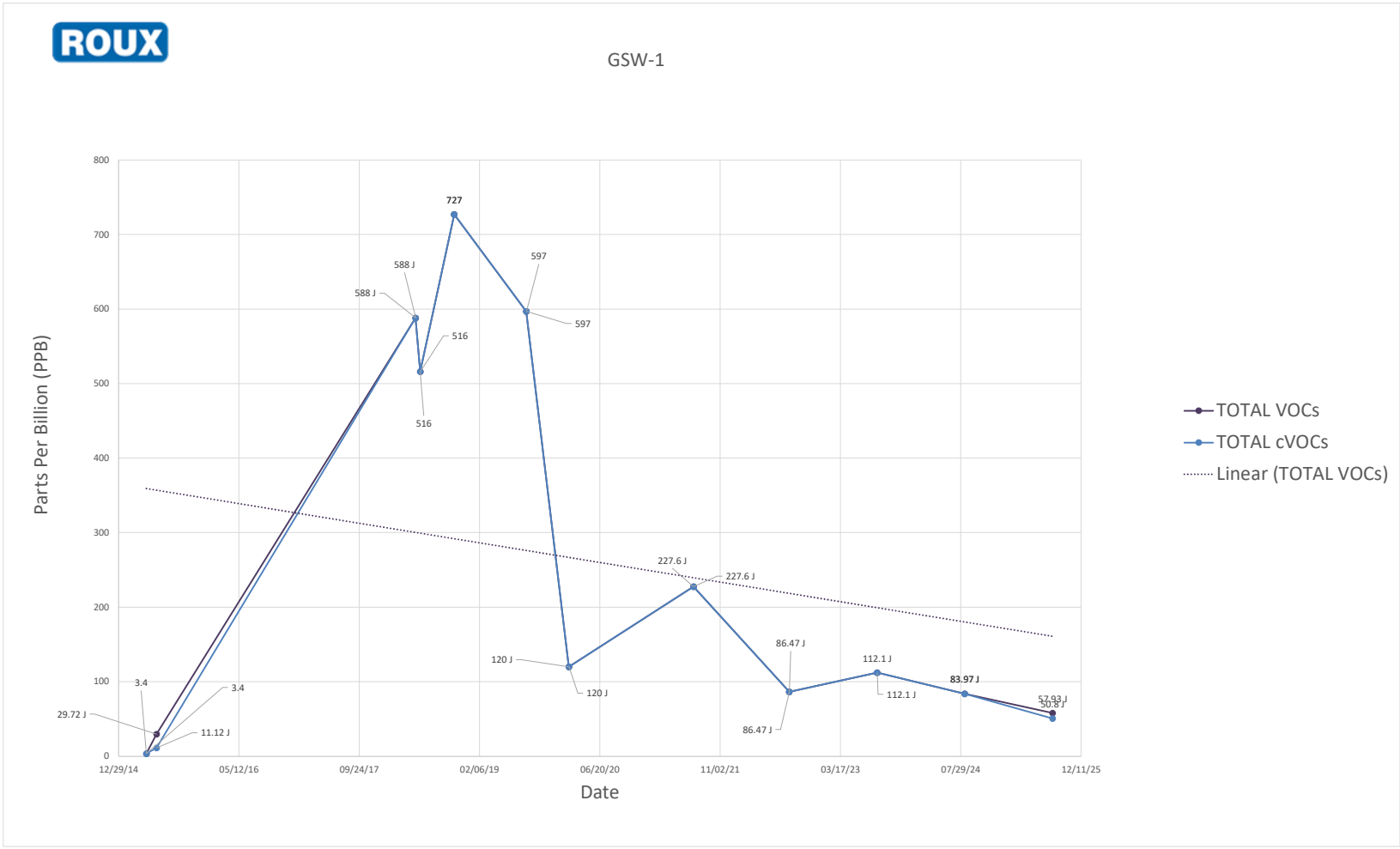
APPENDIX F

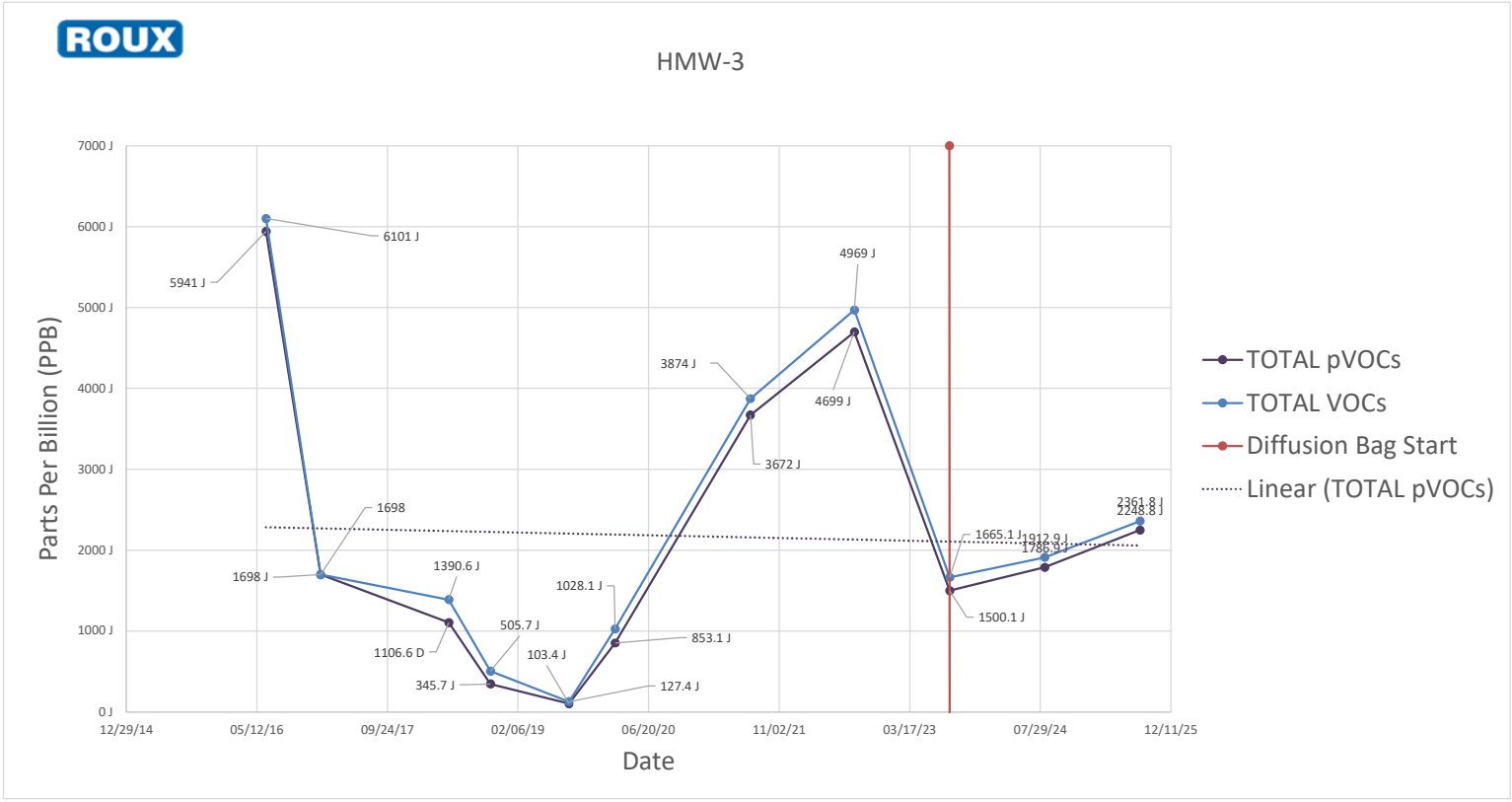
HISTORICAL TREND ANALYSIS


ROUX
HMW-2
Parts Per Billion (PPB)
1800 J
1600 J
1400 J
1200 J
1000 J
800 J
600 J
400 J
200 J
0 J
1566 J
1215.2 J
1105.2 J
857.2 D
795.2 J
1051.1
896.7 J
666.2 J
581.9
75.95 J
17.7 J
12/27/14
05/10/16
09/22/17
02/04/19
06/18/20
10/31/21
03/15/23
07/27/24
12/09/25
DATE
TOTAL VOCs
TOTAL pVOCs
Diffusion Bag Start
Linear (TOTAL VOCs)


MW-10
Parts Per Billion (PPB)
DATE
3000
2500
2000
1500
1000
500
0
12/29/14
05/12/16
09/24/17
02/06/19
06/20/20
11/02/21
03/17/23
07/29/24
12/11/25
128.4
6.6
1252.1 J
1064.1 J
567 J
424 J
623.3 J
2211.7 J
1871.7 J
2607.3 J
2338.9 J
2232.42 J
2075 J
502.14 J
362 J
TOTAL VOCs
TOTAL pVOCs
Diffusion Bag Start
Linear (TOTAL VOCs)


ROUX
HMW-4
Parts Per Billion (PPB)
600
500
400
300
200
100
0
491.99 J
388.7 J
230.32 J
167.9 J
92.32 J
69.9 J
44.8
37.1 J
3.88
0
0
1.1
11
16
23.3 J
5.2 J
12/29/14
05/12/16
09/24/17
02/06/19
06/20/20
11/02/21
03/17/23
07/29/24
12/11/25
DATE
TOTAL VOCs
TOTAL pVOCs
Diffusion Bag Start
Linear (TOTAL VOCs)


GSW-1
Parts Per Billion (PPB)
Date
800
700
600
500
400
300
200
100
0
12/29/14
05/12/16
09/24/17
02/06/19
06/20/20
11/02/21
03/17/23
07/29/24
12/11/25
727
588 J
588 J
597
597
516
516
3.4
3.4
29.72 J
11.12 J
120 J
120 J
227.6 J
227.6 J
86.47 J
86.47 J
112.1 J
112.1 J
83.97 J
50.8 J
TOTAL VOCs
TOTAL cVOCs
Linear (TOTAL VOCs)


ROUX
HMW-3
Parts Per Billion (PPB)
7000 J
6000 J
5000 J
4000 J
3000 J
2000 J
1000 J
0 J
12/29/14
05/12/16
09/24/17
02/06/19
06/20/20
11/02/21
03/17/23
07/29/24
12/11/25
Date
5941 J
6101 J
1698
1698 J
1390.6 J
1106.6 D
505.7 J
345.7 J
103.4 J
127.4 J
1028.1 J
853.1 J
3874 J
3672 J
4969 J
4699 J
1665.1 J
1500.1 J
1912.9 J
1786.9 J
2361.8 J
2248.8 J
TOTAL pVOCs
TOTAL VOCs
Diffusion Bag Start
Linear (TOTAL pVOCs)

APPENDIX G

NYSDEC APPROVALS

December 5, 2022

Ms. Megan Kuczka
Environmental Program Specialist 1
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2915

Re: 73-79 West Huron Street Site, Buffalo NY
BCP Site No. C915282
Site Management Plan Errata Sheet

Dear Ms. Kuczka:

On behalf of Emerson Huron, LLC, Benchmark Civil/Environmental Engineering & Geology, PLLC (Benchmark) has prepared this Errata Sheet to document changes to the November 2017 (revised May 2021, August 2021, September 2021) Site Management Plan (SMP) prepared by Benchmark. Per your July 5, 2022, Periodic Review Report (PRR) response letter and subsequent email correspondence, we are herein submitting an errata sheet per DER-10 Section 6.3(a)5.iii to formalize the SMP changes. This errata documents changes to the reported magnehelic gauge readings incorrectly stated in previous versions of the SMP. The SMP title page which includes the document revision log is provided as Attachment 1.

The changes described herein supersede those in the latest revision of the SMP (revised September 2021). Once approved by the Department, this Errata Sheet will be appended to the client's and document repository's copy of the November 2017 SMP and noted on the SMP cover page as Revision No. 4.

Benchmark herein updates the following components of the NYSDEC-approved November 2017 SMP for the 73-79 West Huron Street Site:

Section 5.3 ASD System Performance Monitoring: The third sentence has been revised to state: "Over the past two years, magnehelic gauge MAG-1 readings have ranged between 0.75 and 1 inches of water column (wci) and magnehelic gauge MAG-2 readings have ranged between 1.25 and 1.5 wci." A red-lined version of this modification is provided in Attachment 2.

Please contact us if you have any questions or require additional information.

Sincerely,
Benchmark Civil/Environmental Engineering & Geology, PLLC

Thomas H. Forbes, P.E.
President

Att.

ec: James Mahoney (McGuire Development Company, LLC)

File: B0441-020-001

CERTIFICATION

I, Thomas H. Forbes, P.E. of Benchmark Civil/Environmental Engineering & Geology, PLLC certify that I am currently a NYS registered professional engineer and that the November 2017 Site Management Plan (SMP) and August 2022 SMP Errata Sheet for the 73-79 West Huron Street Site (BCP Site No. C915282) were prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

DATE: 12-5-22

SEAL:

ATTACHMENT 1

SMP REVISION LOG

BROWNFIELD CLEANUP PROGRAM

SITE MANAGEMENT PLAN

73-79 WEST HURON STREET SITE
NYSDEC SITE NUMBER: C915282
BUFFALO, NEW YORK

November 2017 0441-020-001
Revised May 2021
Revised August 2021
Revised September 2021
Revised August 2022

Prepared for:

Emerson Huron, LLC
73-79 West Huron Street
Buffalo, New York

Prepared By:

Benchmark Civil / Environmental Engineering & Geology, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

Revisions to Final Approved Site Management Plan:

Revision #	Submitted Date	Summary of Revision	DEC Approval Date
1	May 2021	ASD System Operation, Monitoring, and Maintenance	
2	August 2021	Revisions in response to NYSDEC comments	
3	September 2021	Revisions in response to NYSDEC comments	
4	August 2022	Revisions in response to NYSDEC comments	

ATTACHMENT 2

MODIFIED SECTION 5.3 TEXT

5.2.2.1 System Operation: Routine Operation Procedures

Appendix J includes the manufacturer's recommendations for routine operation of system components.

5.2.2.2 System Operation: Routine Equipment Maintenance

Appendix J includes the manufacturer's recommended routine equipment maintenance of system components.

5.2.2.3 System Operation: Non-Routine Equipment Maintenance

Appendix J describes non-routine equipment maintenance that may be required. System or component replacement due to damage or reduced effectiveness will be discovered during routine inspections.

5.3 ASD System Performance Monitoring

Performance monitoring of the ASD system will be conducted on a routine basis. School maintenance staff will be responsible for visually inspecting and collecting monthly manometer readings from each magnehelic gauge to confirm adequate depressurization is occurring beneath the building slab. Over the past two years, magnehelic gauge MAG-1 readings have ranged between 0.75 and 1~~1.25 and 1.5~~ inches of water column (wci) and magnehelic gauge MAG-2 readings have ranged between 1.25 and 1.5 ~~0.75 and 1~~ wci. During the monthly inspection, any changes in the use of the space, modifications to the system, building renovations, any non-running time, and/or corrective actions will be documented, and later, the documentation will be submitted by Benchmark with the PRR. If at any point during monthly inspections, a component of an ASD system is malfunctioning, the school maintenance staff will contact Benchmark. The Department will be notified, and a replacement part will be ordered and installed by a professional mechanical/plumbing contractor and visually inspected by Benchmark.

An annual system certification/inspection, documenting that the system is performing properly and remain effective, will be performed by a Qualified Environmental Professional (QEP), as defined in 6 NYCRR Part 375-1.2(ak), and/or a NYS licensed Professional Engineer (PE), as required by DER-10 (May 2010). Modification to the frequency or sampling requirements will require approval from the NYSDEC. A visual inspection of the system will be conducted during each annual certification/inspection event. Unscheduled inspections

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220| F: (716) 851-7226
www.dec.ny.gov

August 11, 2022

James Mahoney
Property Manager
McGuire Development Company, LLC
455 Cayuga Road
Buffalo, NY 14225

Re: Site Management (SM) -
Periodic Review Report (PRR) Response Letter
73-79 W. Huron St., Buffalo
Erie County, Site No.: **C915282**

Dear James Mahoney (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: April 28, 2021 to April 28, 2022. The Department hereby accepts the PRR and IC/EC Certification.

The frequency of Periodic Reviews for this site is once a year, and your next PRR will be due on May 28, 2023. You will receive a reminder letter and updated certification form 75-days prior to the report's due date. Regardless of receipt or not of the reminder notice, the next PRR, including the signed certification form, is still due on the date specified above.

The Department has reviewed your requests to:

1. Cease groundwater sampling at HWM-1, HWM-5 and HMW-6;
2. Stop sampling for alkalinity; and
3. Collect groundwater samples via passive diffusion bags.

At this time, the Department denies your request to cease sampling at HWM-1, HWM-5, and HMW-6 as total VOC concentrations increased at every monitoring location (besides HWM-1). Additionally, MW-10 and HMW-3 spiked in VOCs, which are directly upgradient from HWM-5 and HMW-6. The Department concurs that sampling for alkalinity can cease and samples can be collected via passive diffusion bag.

In future PRR's, please complete the following revisions:

- Please copy the Department (megan.kuczka@dec.ny.gov) on EQuIS submittals

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220| F: (716) 851-7226
www.dec.ny.gov

- Section 2.0 – Please detail the history of the adjacent Sunoco site and how it impacted the 73-79 W. Huron St. site
- Section 4.1.1 - Please list all the Institutional Controls listed in Section 3.2 of the Site Management Plan (SMP)
- Detail if the slab in the building with the SSDS has any cracks
- Include a monthly log of the pressure readings of the SSDS
- List the Certifying Period on the Cover Page

If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

Sincerely,

Megan Kuczka
Environmental Program Specialist – 1

ec: Andrea Caprio – NYSDEC
Arunesh Ghosh – NYSDOH
Charlotte Bethoney - NYSDOH
Tom Forbes – Benchmark Environmental Engineering & Science, PLLC
Tom Behrendt - Benchmark Environmental Engineering & Science, PLLC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220| F: (716) 851-7226
www.dec.ny.gov

October 10, 2023

James Mahoney
Property Manager
McGuire Development Company, LLC
455 Cayuga Road
Buffalo, NY 14225

Re: Site Management (SM) -
Periodic Review Report (PRR) Response Letter
73-79 W. Huron St., Buffalo
Erie County, Site No.: **C915282**

Dear James Mahoney (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: April 28, 2022 to April 28, 2023. The Department hereby accepts the PRR and IC/EC Certification.

The frequency of Periodic Reviews for this site is once a year, and your next PRR will be due on May 28, 2024. You will receive a reminder letter and updated certification form 75-days prior to the report's due date. Regardless of receipt or not of the reminder notice, the next PRR, including the signed certification form, is still due on the date specified above.

The Department has assessed and hereby approves your recommendation to remove HWM-1 and HWM-6 from the annual sampling program. Please maintain the wells in order to continue collecting annual groundwater elevations. Additionally, please make sure monthly ASD readings are collected and noted in future PRRs.

In future PRR's, please complete the following revisions:

- Include trendlines depicting the total VOC concentration at each monitoring location over time
- Assess the difference in VOC concentrations when completing low flow sampling versus passive diffusion bags

If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220| F: (716) 851-7226
www.dec.ny.gov

Sincerely,

Megan Kuczka
Environmental Program Specialist – 1

ec: Andrea Caprio – NYSDEC
Arunesh Ghosh – NYSDOH
Tom Forbes – Roux, Inc.
Tom Behrendt – Roux, Inc.
Rick Dubisz – Roux, Inc.

APPENDIX H

FIGURES 7 THROUGH 12 FROM SMP

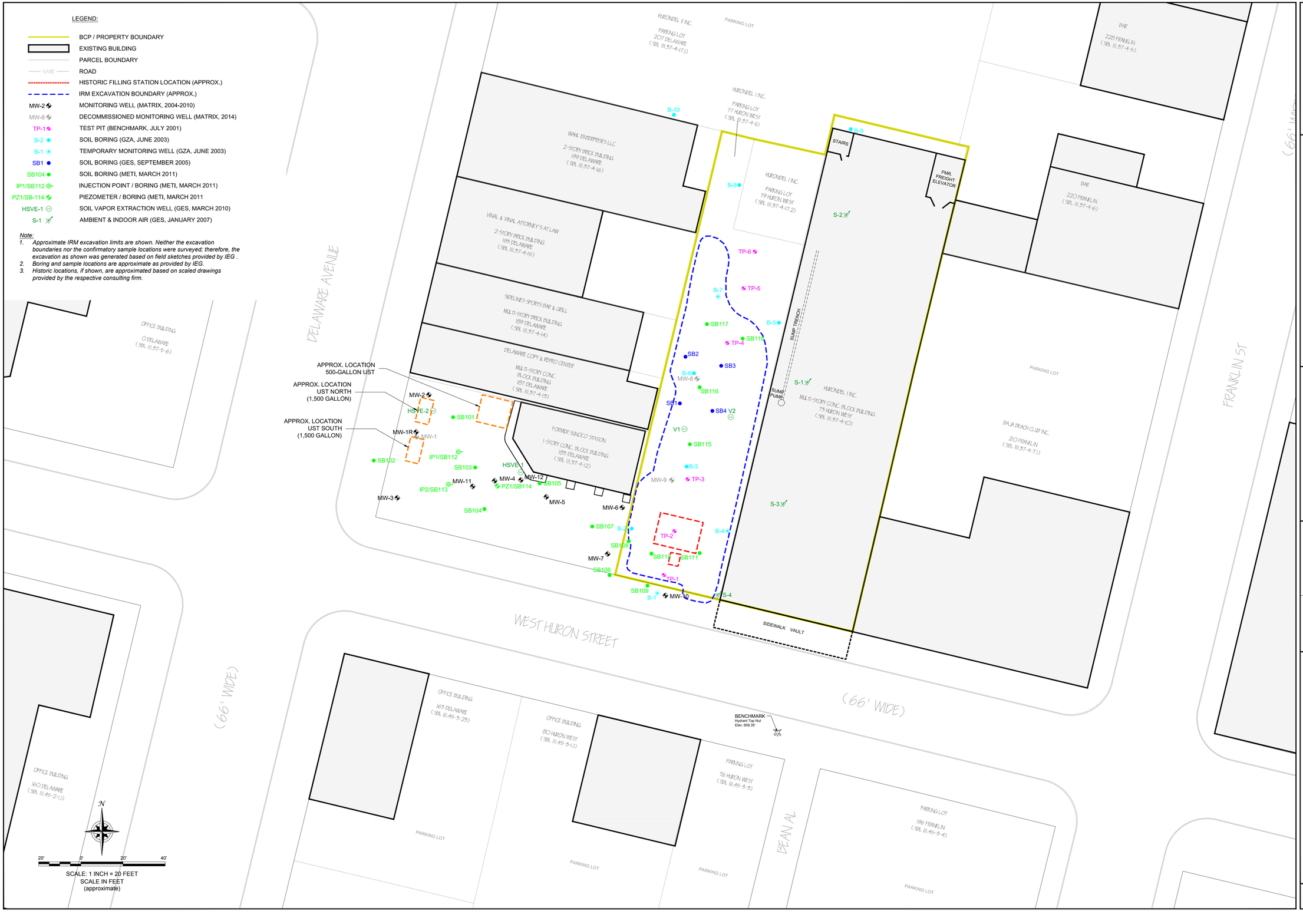
F:\CAD\Benchmark\Huron\all | C3150219 - SMXP\Figure 7-Historic Investigation Locations.dwg

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- HISTORIC FILLING STATION LOCATION (APPROX.)
- IRM EXCAVATION BOUNDARY (APPROX.)
- MW-2 — MONITORING WELL (MATRIX, 2004-2010)
- MW-8 — DECOMMISSIONED MONITORING WELL (MATRIX, 2014)
- TP-1 — TEST PIT (BENCHMARK, JULY 2001)
- B-2 — SOIL BORING (GZA, JUNE 2003)
- B-1 — TEMPORARY MONITORING WELL (GZA, JUNE 2003)
- SB1 — SOIL BORING (GES, SEPTEMBER 2005)
- SB104 — SOIL BORING (METI, MARCH 2011)
- IP1/SB112 — INJECTION POINT / BORING (METI, MARCH 2011)
- PZ1/SB-114 — PIEZOMETER / BORING (METI, MARCH 2011
- HSVE-1 — SOIL VAPOR EXTRACTION WELL (GES, MARCH 2010)
- S-1 — AMBIENT & INDOOR AIR (GES, JANUARY 2007)

Note:

1. *Approximate IRM excavation limits are shown. Neither the excavation boundaries nor the confirmatory sample locations were surveyed; therefore, the excavation as shown was generated based on field sketches provided by IEG .*
2. *Boring and sample locations are approximate as provided by IEG.*
3. *Historic locations, if shown, are approximated based on scaled drawings provided by the respective consulting firm.*



BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0888-015-004

REVISIONS

NO.	BY	DATE	REMARKS

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DATE: SEPTEMBER 2016
CHECKED BY:
APPROVED BY:

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HISTORIC INVESTIGATION LOCATIONS

SITE MANAGEMENT PLAN
BCP SITE NO. C915282
73-79 WEST HURON STREET
BUFFALO, NEW YORK
PREPARED FOR:
HURONDEL I, LLC

FIGURE 7

F:\CAD\Benchmark\Hunnibell (C915282)\10 - SMP\Figure 8, SI Sample Locations.dwg

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- HISTORIC FILLING STATION LOCATION (APPROX.)
- IRM EXCAVATION BOUNDARY (APPROX.)
- MW-2 — MONITORING WELL (METI, 2004-2010)
- MW-8 — DECOMMISSIONED MONITORING WELL (METI, 2014)
- GSW-1 — SUMP WATER SAMPLE (IEG, 2015)
- MP-01 — SUMP MEASURING POINT (BM, 2016)
- HMW-1 — MONITORING WELL (BM, 2016)
- CB-1 — IRM EXCAVATION BACKFILL VERIFICATION BORING (BM, 2016)
- HS-14 — SOIL BORING (BM, 2016)
- BS-1 — SOIL BORING - BASEMENT FLOOR (IEG, FEBRUARY 2015)
- SUB-1 — SUBSLAB VAPOR, AMBIENT AIR, INDOOR AIR (IEG, MARCH 2015)
- GP-1 — SOIL BORING (IEG, SEPTEMBER 2012)
- HS-1 — SOIL BORING - PARKING LOT (IEG, FEBRUARY 2015)

Note:

1. *Approximate IRM excavation limits are shown. Neither the excavation boundaries nor the confirmatory sample locations were surveyed; therefore, the excavation as shown was generated based on field sketches provided by IEG .*
2. *Boring and sample locations are approximate as provided by IEG.*
3. *Historic locations, if shown, are approximated based on scaled drawings provided by the respective consulting firm.*

DELAWARE AVENUE

FRANKLIN ST

WEST HURON STREET

(66' WIDE)

APPROX. LOCATION 500-GALLON UST

APPROX. LOCATION UST NORTH (1,500 GALLON)

APPROX. LOCATION UST SOUTH (1,500 GALLON)

HURONDEL II INC. PARKING LOT 207 DELAWARE (SBL III.57-4-17.1)

PARKING LOT

HURONDEL I INC. PARKING LOT 77 HURON WEST (SBL III.57-4-11)

WAHL ENTERPRISES LLC 2-STORY BRICK BUILDING 199 DELAWARE (SBL III.57-4-16)

VINAL & VINAL ATTORNEY'S AT LAW 2-STORY BRICK BUILDING 195 DELAWARE (SBL III.57-4-15)

SIDELINES SPORTS BAR & GRILL MULTI-STORY BRICK BUILDING 189 DELAWARE (SBL III.57-4-14)

DELAWARE COPY & REPRO CENTER MULTI-STORY CONC. BLOCK BUILDING 187 DELAWARE (SBL III.57-4-13)

FORMER SUNOCO STATION 1-STORY CONC. BLOCK BUILDING 189 DELAWARE (SBL III.57-4-12)

OFFICE BUILDING 0 DELAWARE (SBL III.57-5-6)

OFFICE BUILDING 160 DELAWARE (SBL III.49-2-11)

HURONDEL I INC. PARKING LOT 79 HURON WEST (SBL III.57-4-17.2)

STAIRS

FMR. FREIGHT ELEVATOR

SUMP TRENCH

SUMP PUMP

BASEMENT INDOOR

AMBIENT OUTDOOR

SIDEWALK VAULT

HURONDEL I INC. MULTI-STORY CONC. BLOCK BUILDING 75 HURON WEST (SBL III.57-4-10)

BAR 228 FRANKLIN (SBL III.57-4-5)

BAR 220 FRANKLIN (SBL III.57-4-6)

BAJA BEACH CLUB INC. 210 FRANKLIN (SBL III.57-4-7.1)

PARKING LOT 196 FRANKLIN (SBL III.49-3-4)

PARKING LOT 76 HURON WEST (SBL III.49-3-3)

OFFICE BUILDING 165 DELAWARE (SBL III.49-3-22)

OFFICE BUILDING 80 HURON WEST (SBL III.49-3-1)

BEAN AL

BENCHMARK
Hydrant Top Nut
Elev. 609.35'

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7 GP-8 GP-9 GP-10 GP-11 GP-12 GP-13 GP-14 GP-15 GP-16 GP-17

HS-1 HS-2 HS-3 HS-4 HS-5 HS-6 HS-7 HS-8 HS-9 HS-10 HS-11 HS-12 HS-13 HS-14

HMW-1 HMW-2 HMW-3 HMW-4 HMW-5 HMW-6

MW-1 MW-1R MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12

GSW-1 GSW-2 GSW-3

MP-01

SSV-2 SSV-3 SSV-4

BS-1 BS-2 BS-3 BS-4 BS-5 BS-6 BS-7 BS-8 BS-9

SSV-1

N

20' 0' 20' 40'

SCALE: 1 INCH = 20 FEET
SCALE IN FEET
(approximate)

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2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
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SI SAMPLE LOCATIONS

SITE MANAGEMENT PLAN
BCP SITE NO. C915282
73-79 WEST HURON STREET
BUFFALO, NEW YORK

PREPARED FOR
HURONDEL I, LLC

FIGURE 8

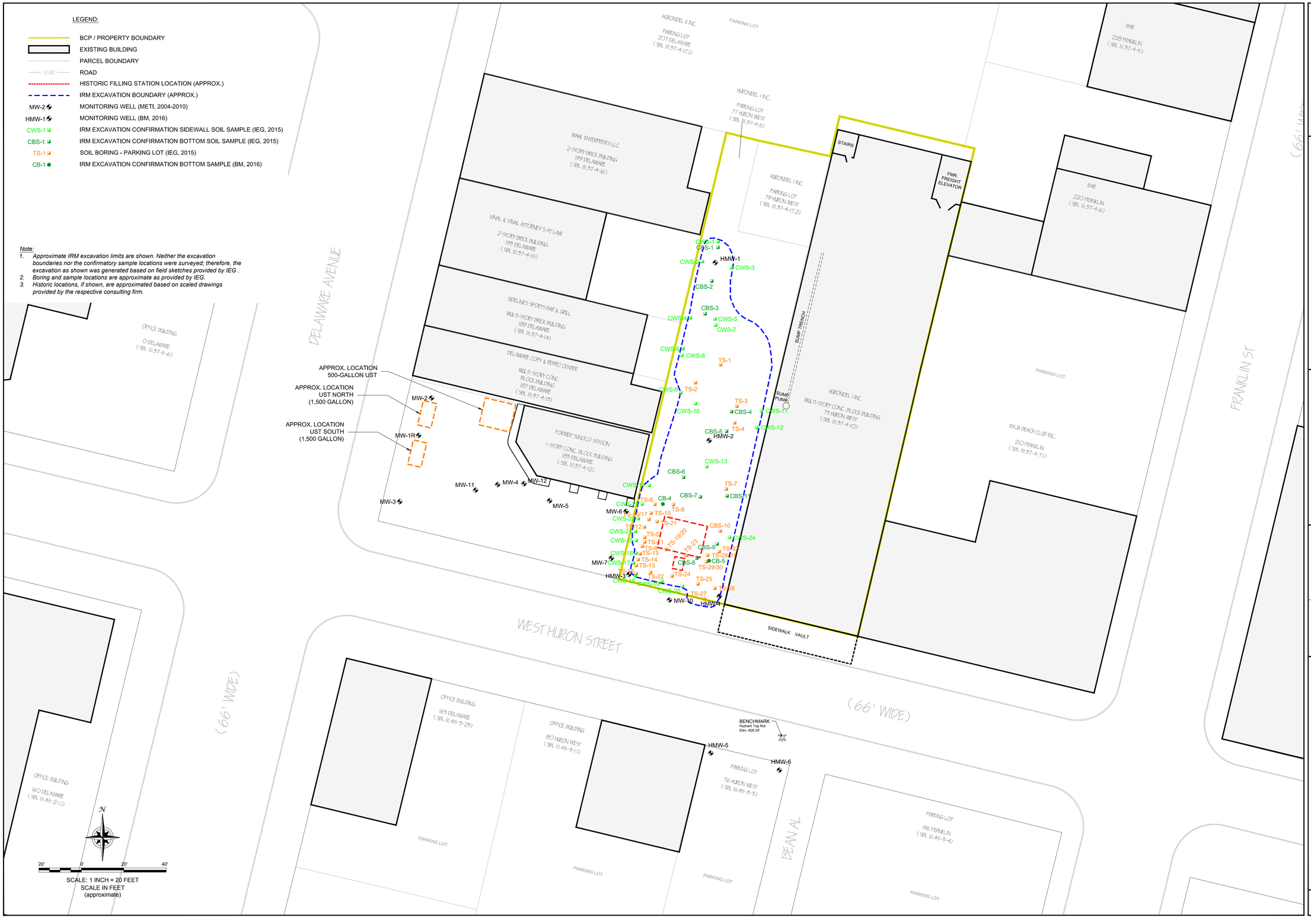
F:\CAD\Benchmark\Hurondel I (C915282)\73 - SMP\Figure 9- Completed IRM Activities.dwg

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- HISTORIC FILLING STATION LOCATION (APPROX.)
- IRM EXCAVATION BOUNDARY (APPROX.)
- MW-2 — MONITORING WELL (METI, 2004-2010)
- HMW-1 — MONITORING WELL (BM, 2016)
- CWS-1 — IRM EXCAVATION CONFIRMATION SIDEWALL SOIL SAMPLE (IEG, 2015)
- CBS-1 — IRM EXCAVATION CONFIRMATION BOTTOM SOIL SAMPLE (IEG, 2015)
- TS-1 — SOIL BORING - PARKING LOT (IEG, 2015)
- CB-1 — IRM EXCAVATION CONFIRMATION BOTTOM SAMPLE (BM, 2016)

Note:

1. *Approximate IRM excavation limits are shown. Neither the excavation boundaries nor the confirmatory sample locations were surveyed; therefore, the excavation as shown was generated based on field sketches provided by IEG .*
2. *Boring and sample locations are approximate as provided by IEG.*
3. *Historic locations, if shown, are approximated based on scaled drawings provided by the respective consulting firm.*



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COMPLETED IRM ACTIVITIES

SITE MANAGEMENT PLAN
BCP SITE NO. C915282
73-79 WEST HURON STREET
BUFFALO, NEW YORK

PREPARED FOR:
HURONDEL I, LLC

FIGURE 9

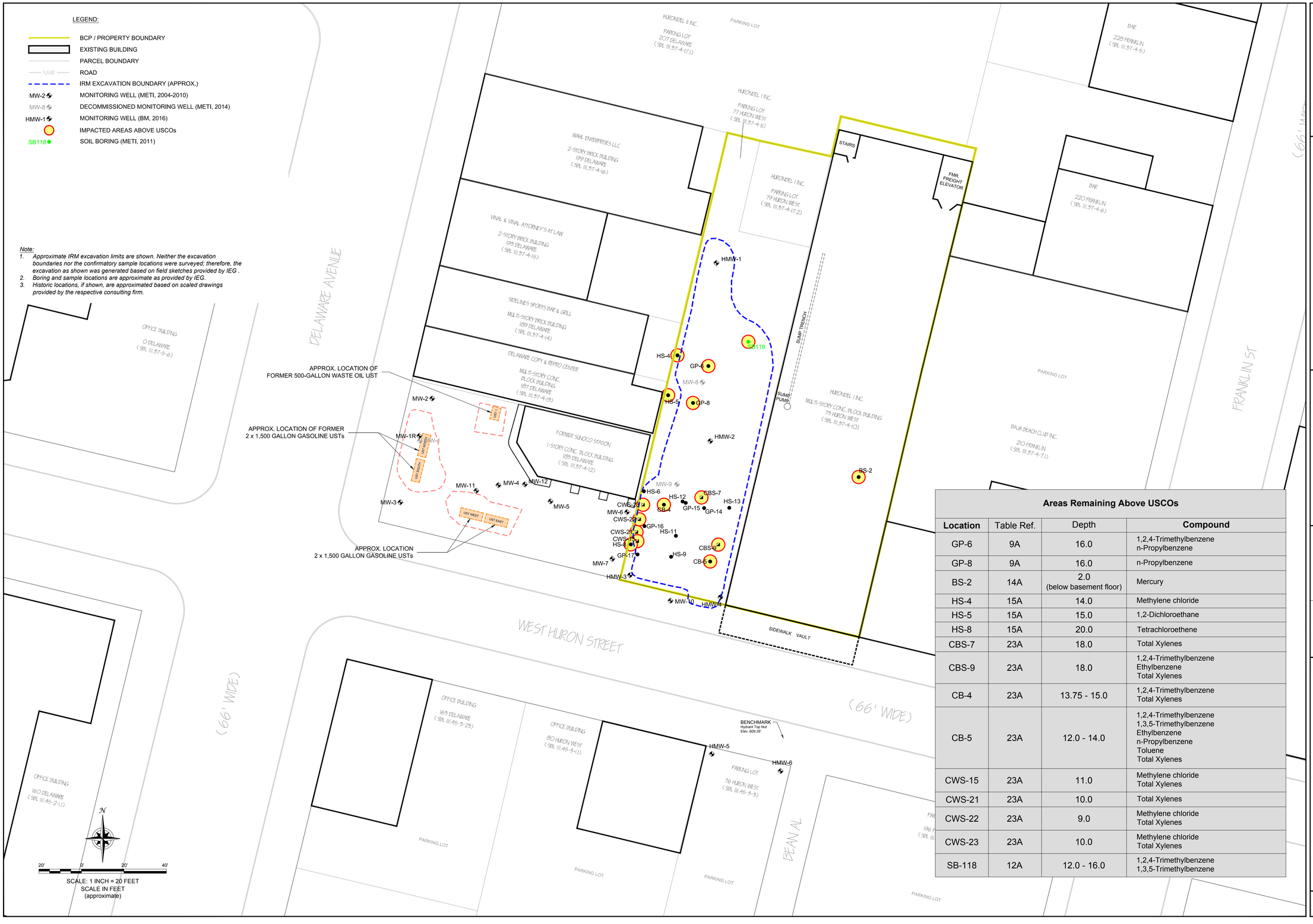
F:\CAD\Benchmark\Hyundai\ICP\57820.13 - SMP\Figure 10 Remaining Soil Sample Exceedances Above USCOs.dwg

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- IRM EXCAVATION BOUNDARY (APPROX.)
- MW-2 — MONITORING WELL (METI, 2004-2010)
- MW-8 — DECOMMISSIONED MONITORING WELL (METI, 2014)
- HMW-1 — MONITORING WELL (BM, 2016)
- IMPACTED AREAS ABOVE USCOs
- SB118 — SOIL BORING (METI, 2011)

Note:

1. *Approximate IRM excavation limits are shown. Neither the excavation boundaries nor the confirmatory sample locations were surveyed; therefore, the excavation as shown was generated based on field sketches provided by IEG .*
2. *Boring and sample locations are approximate as provided by IEG.*
3. *Historic locations, if shown, are approximated based on scaled drawings provided by the respective consulting firm.*



Areas Remaining Above USCOs

Location	Table Ref.	Depth	Compound
GP-6	9A	16.0	1,2,4-Trimethylbenzene n-Propylbenzene
GP-8	9A	16.0	n-Propylbenzene
BS-2	14A	2.0 (below basement floor)	Mercury
HS-4	15A	14.0	Methylene chloride
HS-5	15A	15.0	1,2-Dichloroethane
HS-8	15A	20.0	Tetrachloroethene
CBS-7	23A	18.0	Total Xylenes
CBS-9	23A	18.0	1,2,4-Trimethylbenzene Ethylbenzene Total Xylenes
CB-4	23A	13.75 - 15.0	1,2,4-Trimethylbenzene Total Xylenes
CB-5	23A	12.0 - 14.0	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Ethylbenzene n-Propylbenzene Toluene Total Xylenes
CWS-15	23A	11.0	Methylene chloride Total Xylenes
CWS-21	23A	10.0	Total Xylenes
CWS-22	23A	9.0	Methylene chloride Total Xylenes
CWS-23	23A	10.0	Methylene chloride Total Xylenes
SB-118	12A	12.0 - 16.0	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0888-015-004

REVISIONS

NO.	BY	DATE	REMARKS

SEAL

DRAWN BY: BCH-CMC
DATE: SEPTEMBER 2017
CHECKED BY:
APPROVED BY:

DISCLAIMER:
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REMAINING SOIL SAMPLE EXCEEDANCES ABOVE USCOs

SITE MANAGEMENT PLAN
BCP SITE NO. C915282
73-79 WEST HURON STREET
BUFFALO, NEW YORK

PREPARED FOR:
HURONDEL I, LLC

FIGURE 10

F:\CAD\Benchmark\Hamstead (-23\1350\13 - SMP\Figure 11 Remaining Groundwater Sample Exceedances rev.dwg

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- NAME — ROAD
- MW-2 — MONITORING WELL (METI, 2004-2010)
- HMW-1 — MONITORING WELL (BM, 2016)
- GSW-1 — SUMP WATER SAMPLE (IEG, 2015)

MW-5 (06/23/16)	
1,2,4-Trimethylbenzene	94.1 ug/L
1,3,5-Trimethylbenzene	12.5 ug/L
Ethylbenzene	126 ug/L
Isopropylbenzene	8.1 ug/L
n-Propylbenzene	17.7 ug/L
Toluene	24.2 ug/L
Xylenes, total	228.1 ug/L

GROUNDWATER EXCEEDANCES OF CLASS "GA" GWQSs/GVs FOR ROUND 1 (JUNE 2016)

MW-5 (01/11/17)	
1,2,4-Trimethylbenzene	13 ug/L
Ethylbenzene	11 J ug/L
Xylenes, total	11.6 J ug/L

GROUNDWATER EXCEEDANCES OF CLASS "GA" GWQSs/GVs FOR ROUND 2 (JANUARY 2017)

HURONDEL II INC. PARKING LOT 207 DELAWARE (SBL 111.57-4-17.1)

PARKING LOT

HURONDEL I INC. PARKING LOT 77 HURON WEST (SBL 111.57-4-11)

WAHL ENTERPRISES LLC 2-STORY BRICK BUILDING 199 DELAWARE (SBL 111.57-4-16)

VINAL & VINAL ATTORNEY'S AT LAW 2-STORY BRICK BUILDING 195 DELAWARE (SBL 111.57-4-15)

SIDELINES SPORTS BAR & GRILL MULTI-STORY BRICK BUILDING 189 DELAWARE (SBL 111.57-4-14)

DELAWARE COPY & REPRO CENTER MULTI-STORY CONC. BLOCK BUILDING 187 DELAWARE (SBL 111.57-4-13)

FORMER SUNOCO STATION 1-STORY CONC. BLOCK BUILDING 183 DELAWARE (SBL 111.57-4-12)

HURONDEL I INC. PARKING LOT 79 HURON WEST (SBL 111.57-4-17.2)

HURONDEL I INC. MULTI-STORY CONC. BLOCK BUILDING 75 HURON WEST (SBL 111.57-4-10)

BAR 228 FRANKLIN (SBL 111.57-4-5)

OFFICE BUILDING 0 DELAWARE (SBL 111.57-5-6)

OFFICE BUILDING 160 DELAWARE (SBL 111.49-2-11)

OFFICE BUILDING 163 DELAWARE (SBL 111.49-3-23)

OFFICE BUILDING 180 HURON WEST (SBL 111.49-3-11)

BENCHMARK Hydrant Top Nut Elev. 609.35

BAJA BEACH CLUB INC. 210 FRANKLIN

PARKING LOT 196 FRANKLIN (SBL 111.49-3-4)

PARKING LOT 76 HURON WEST (SBL 111.49-3-3)

BEAN AL

DELAWARE AVENUE

WEST HURON STREET

FRANKLIN ST

(66' WIDE)

STAIRS

FMC FREIGHT ELEVATOR

SUMP TRENCH

SUMP PUMP

SIDEWALK VAULT

MW-1 MW-1R MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12

HMW-1 HMW-2 HMW-3 HMW-4 HMW-5 HMW-6

GSW-1 GSW-2 GSW-3

HMW-2 (06/16/16)	
1,2,4-Trimethylbenzene	880 ug/L
1,3,5-Trimethylbenzene	51 ug/L
Ethylbenzene	19 J ug/L
Isopropylbenzene	74 ug/L
n-Butylbenzene	13 J ug/L
n-Propylbenzene	170 ug/L
sec-Butylbenzne	8.2 J ug/L
Manganese	0.3493 mg/L

HMW-2 (01/11/17)	
1,2,4-Trimethylbenzene	760 D ug/L
1,3,5-Trimethylbenzene	33 ug/L
Ethylbenzene	31 ug/L
Isopropylbenzene	71 ug/L
n-Butylbenzene	13 ug/L
n-Propylbenzene	180 ug/L
p-Isopropyltoluene	14 ug/L

GSW-1 (04/24/15)	
Mangnesium	52.5 mg/L

GSW-1 (06/05/15)	
1,2,4-Trimethylbenzene	5.7 ug/L

HMW-3 (06/16/16)	
1,2,4-Trimethylbenzene	380 ug/L
1,3,5-Trimethylbenzene	35 J ug/L
Ethylbenzene	1800 ug/L
Isopropylbenzene	110 ug/L
n-Butylbenzene	16 J ug/L
n-Propylbenzene	210 ug/L
Toluene	490 ug/L
Xylenes, total	2900 ug/L
Naphthalene	210 D ug/L
Manganese	0.7693 mg/L

HMW-3 (01/11/17)	
1,2,4-Trimethylbenzene	30 ug/L
Ethylbenzene	840 ug/L
Isopropylbenzene	17 J ug/L
n-Butylbenzene	34 J ug/L
Toluene	350 ug/L
Xylenes, total	427 J ug/L

MW-5 (06/23/16)	
1,2,4-Trimethylbenzene	94.1 ug/L
1,3,5-Trimethylbenzene	12.5 ug/L
Ethylbenzene	126 ug/L
Isopropylbenzene	8.1 ug/L
n-Propylbenzene	17.7 ug/L
Toluene	24.2 ug/L
Xylenes, total	228.1 ug/L

MW-5 (01/11/17)	
1,2,4-Trimethylbenzene	13 ug/L
Ethylbenzene	11 J ug/L
Xylenes, total	11.6 J ug/L

MW-7 (06/23/16)	
1,2,4-Trimethylbenzene	7 ug/L
Ethylbenzene	22.6 ug/L
Toluene	15 ug/L
Xylenes, total	37.2 ug/L

MW-7 (01/11/17)	
Ethylbenzene	18 ug/L
Toluene	15 ug/L
Xylenes, total	15.3 J ug/L

MW-10 (06/23/16)	
Ethylbenzene	66.2 ug/L
Isopropylbenzene	13.6 ug/L
n-Propylbenzene	38.1 ug/L
Xylenes, total	6 ug/L

MW-10 (01/11/17)	
All VOCs	ND ug/L

GSW-3 (06/05/15)	
Ethylbenzene	13 ug/L
Toluene	7.6 ug/L
Xylenes, total	40 ug/L

N

20' 0' 20' 40'

SCALE: 1 INCH = 20 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0369-015-003

REVISIONS

NO.	BY	DATE	REMARKS

DRAWN BY: BCH-CMC
DATE: NOVEMBER 2017
CHECKED BY:
APPROVED BY:

SEAL

DISCLAIMER:
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GROUNDWATER ANALYTICAL RESULTS EXCEEDING GWQSs/GVs

SITE MANAGEMENT PLAN
BCP SITE NO. C915282
73-79 WEST HURON STREET
BUFFALO, NEW YORK

PREPARED FOR:
HURONDEL I, LLC

FIGURE 11

F:\CAD\Benchmark\Hurondel I\2015\282015 - BMP\Figure 12- Institutional Control Boundary.dwg

LEGEND:

- BCP / PROPERTY BOUNDARY
- EXISTING BUILDING
- PARCEL BOUNDARY
- ROAD
- MW-2 MONITORING WELL (METI, 2004-2010)
- HMW-1 MONITORING WELL (BM, 2016)
- UTILITY - STORM SEWER CATCH BASIN/DROP INLET
- UTILITY - STORM SEWER
- INSTITUTIONAL CONTROL

DELAWARE AVENUE

FRANKLIN ST

WEST HURON STREET

(66' WIDE)

BEAN AL

OFFICE BUILDING
0 DELAWARE
(SBL III.57-5-6)

OFFICE BUILDING
160 DELAWARE
(SBL III.45-2-1.1)

HURONDEL II INC.
PARKING LOT
207 DELAWARE
(SBL III.57-4-17.1)

PARKING LOT

HURONDEL I INC.
PARKING LOT
77 HURON WEST
(SBL III.57-4-11)

WAHL ENTERPRISES LLC
2-STORY BRICK BUILDING
199 DELAWARE
(SBL III.57-4-16)

VINAL & VINAL ATTORNEY'S AT LAW
2-STORY BRICK BUILDING
195 DELAWARE
(SBL III.57-4-15)

SIDELINES SPORTS BAR & GRILL
MULTI-STORY BRICK BUILDING
189 DELAWARE
(SBL III.57-4-14)

DELAWARE COPY & REPRO CENTER
MULTI-STORY CONC. BLOCK BUILDING
187 DELAWARE
(SBL III.57-4-13)

FORMER SUNOCO STATION
1-STORY CONC. BLOCK BUILDING
183 DELAWARE
(SBL III.57-4-12)

HURONDEL I INC.
PARKING LOT
79 HURON WEST
(SBL III.57-4-17.2)

STAIRS

FMR. FREIGHT ELEVATOR

BAR
228 FRANKLIN
(SBL III.57-4-5)

BAR
220 FRANKLIN
(SBL III.57-4-6)

ASPHALT COVERED PARKING LOT

SUMP TRENCH

SUMP PUMP

BUILDING
HURONDEL I INC.
MULTI-STORY CONC. BLOCK BUILDING
75 HURON WEST
(SBL III.57-4-10)

BAJA BEACH CLUB INC.
210 FRANKLIN
(SBL III.57-4-7.1)

PARKING LOT

SIDEWALK VAULT

DI-1
DI-2
DI-3

HMW-1
HMW-2
HMW-3
HMW-4
HMW-5
HMW-6

MW-1
MW-1R
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12

APPROX. LOCATION 500-GALLON UST

APPROX. LOCATION UST NORTH (1,500 GALLON)

APPROX. LOCATION UST SOUTH (1,500 GALLON)

BENCHMARK
Hydrant Top Nut
Elev. 609.35

OFFICE BUILDING
165 DELAWARE
(SBL III.45-3-23)

OFFICE BUILDING
80 HURON WEST
(SBL III.45-3-1.1)

PARKING LOT
76 HURON WEST
(SBL III.45-3-3)

PARKING LOT
196 FRANKLIN
(SBL III.45-3-4)

PARKING LOT

PARKING LOT

PARKING LOT

PARKING LOT

N

20' 0' 20' 40'

SCALE: 1 INCH = 20 FEET
SCALE IN FEET
(approximate)

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0888-015-004

REVISIONS

NO.	BY	DATE	REMARKS

SEAL

DRAWN BY: BCH
DATE: SEPTEMBER 2016
CHECKED BY:
APPROVED BY:

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INSTITUTIONAL CONTROL BOUNDARY

SITE MANAGEMENT PLAN
BCP SITE NO. C915282
73-79 WEST HURON STREET
BUFFALO, NEW YORK

PREPARED FOR:
HURONDEL I, LLC

FIGURE 12

APPENDIX I

CHANGE OF OWNERSHIP DOCUMENTATION

ERIE COUNTY CLERK'S OFFICE

County Clerk's Recording Page

Return to:
BOX 138

Party 1:
EMERSON HURON LLC

Party 2:
BROWNFIELD CLEANUP PROGRAM

Book Type: D Book: 11451 Page: 1614
Page Count: 6
Doc Type: CT COMPLETION
Rec Date: 09/26/2025
Rec Time: 11:58:51 AM
Control #: 2025176684
UserID: Megan F
Trans #: 25165983
Document Sequence Number

Recording Fees:

RECORDING	$50.00
COE CO $1 RET	$1.00
COE STATE $14.25 GEN	$14.25
COE STATE $4.75 RM	$4.75
MARKOFF FEE	$1.00

Consideration Amount:

BASIC MT	$0.00
SONYMA MT	$0.00
ADDL MT/NFTA	$0.00
SP MT/M-RAIL	$0.00
NY STATE TT	$0.00
ROAD FUND TT	$0.00

Total: $71.00

STATE OF NEW YORK
ERIE COUNTY CLERK'S OFFICE

WARNING – THIS SHEET CONSTITUTES THE CLERK'S ENDORSEMENT REQUIRED BY SECTION 319&316-a (5) OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK. DO NOT DETACH. THIS IS NOT A BILL.

Michael P. Kearns
Erie County Clerk

3

Box 138

NOTICE OF TRANSFER OF CERTIFICATE OF COMPLETION

Brownfield Cleanup Program Pursuant to 6 NYCRR Part 375-1.9(f)

Site Name: 73-79 W. Huron St.
Site ID No. C915282
Address: 75 West Huron Street, Buffalo, New York

PLEASE TAKE NOTICE, that pursuant to Article 27, title 14 of the Environmental Conservation Law and 6 NYCRR 375-1.9(f), EMERSON HURON, LLC hereby transfers the Certificate of Completion (COC) issued by the Department of Environmental Conservation on January 8, 2018, for the site described below. Such COC was issued upon satisfaction of the Commissioner, following review by the Department of the final engineering report and data submitted pursuant to the Brownfield Cleanup Agreement, as well as any other relevant information regarding the Site, that the remediation requirements set forth in ECL Article 27, Title 14 had been or would be achieved in accordance with the time frame, if any, established in the remedial work plan.

PLEASE TAKE NOTICE, that 73-79 W. Huron St. is located at 75 West Huron Street, City of Buffalo, County of Erie. The Site is bearing DEC site number: C915282 and is more fully described on Schedule A attached hereto. The Tax Map Identification Numbers for the Site are 111.37-4-17.2; 111.37-4-11; and 111.37-4-10.

PLEASE TAKE NOTICE, that a Notice of Certificate of Completion for the Site was filed in the Erie County Clerk's Office on January 8, 2018, in Liber 11132 of Deeds at Page 9693.

PLEASE TAKE NOTICE, that on September 25, 2025, Emerson Huron, LLC conveyed title to the Site to 75 Huron Fee, LLC by Bargain and Sale Deed dated September 25, 2025, intended to be recorded simultaneously herewith. Recorded on 9/26/25 L11451 P1606

PLEASE TAKE NOTICE, Emerson Huron, LLC hereby transfers the Certificate to the following new property owner as provided for pursuant to Article 27, title 14 of the Environmental Conservation Law and 6 NYCRR 375-1.9(f):

75 Huron Fee, LLC (New Property Owner)	c/o Mercer Street Partners 7 World Trade Center, 10th Floor New York, NY 10007
39-3105237 (Employer Identification Number)	
Alex Libin (Representative)	c/o Mercer Street Partners 7 World Trade Center, 10th Floor New York, NY 10007

PLEASE TAKE FURTHER NOTICE, that if there is an environmental easement for this site, that 75 Huron Fee, LLC recognizes and agrees to implement the Department-approved Site Management Plan, and any amendments thereto, and to fully comply with all restrictions and affirmative obligations contained therein as well as in the Environmental Easement for the Site.

MF
176684
740-5-2

[*Signature Page to Notice of Transfer of Certification of Completion*]

WHEREFORE, the undersigned have signed this Notice of Transfer of Certificate of Completion as of this 15 day of September, 2025.

Certificate Holder:

EMERSON HURON, LLC,
a New York limited liability company

By: _____
James F. Dentinger, Authorized Signatory

STATE OF NEW YORK)
) ss:
COUNTY OF Erie)

On the 15th day of September, in the year 2025, before me, the undersigned, personally appeared JAMES F. DENTINGER, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

KAREN A. ADAMS
Notary Public - State of New York
No. 01AD6273865
Qualified in Erie County
My Commission Expires Dec. 24, 2028

_____
Notary Public

[signature page follows]

New Property Owner:

75 HURON FEE, LLC,
a Delaware limited liability company

By: _____
Joseph L. LeVine, Authorized Signatory

STATE OF NEW ~~YORK~~ Jersey)
) ss:
COUNTY OF Sussex)

On the 18th day of September, in the year 2025, before me, the undersigned, personally appeared Joseph L. LeVine, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public

MICHAEL V LIVELL
Notary Public, State of New Jersey
My Commission Expires 1/17/2028

SCHEDULE "A"

PARCEL "A"

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie and State of New York, being part of Inner Lot No. 128, described as follows:

BEGINNING at a point in the northerly line of Huron Street, where it is intersected by the westerly line of said Inner Lot No. 128, 115.5 feet easterly from the intersection of the said northerly line of Huron Street with the easterly line of Delaware Avenue; thence running easterly on said line of Huron Street 34.5 feet; thence running northerly parallel with the westerly

line of Delaware Avenue 173.5 feet; thence running westerly 19.5 feet parallel with the said northerly line of Huron Street; thence running northerly parallel with said westerly line of Delaware Avenue 44 feet; thence running westerly to the westerly line of said Inner Lot No. 128, 15 feet; thence running southerly along the westerly line of said Inner Lot No. 128, 217.5 feet to the place of beginning.

PARCEL "B"

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie and State of New York, being part of Inner Lot No. 128, described as follows:

BEGINNING at a point in the northerly line of Huron Street 34.5 feet easterly from the southwest corner of Inner Lot No. 128 measured along said northerly line of Huron Street; running thence easterly along said northerly line of Huron Street 16.5 feet to the easterly line of the premises conveyed by Isaac E. Harris and one to Delaware Mohawk Realty Corporation by a deed recorded in Erie County Clerk's Office in Liber 1586 of Deeds at page 219; running thence northerly along said easterly line of land so conveyed 173.50 feet; thence running westerly parallel with said northerly line of Huron Street 16 ½ feet; thence running southerly parallel with said westerly line of Inner Lot No. 128, 173.50 feet to the northerly line of Huron Street at the place of beginning.

PARCEL "C"

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie and State of New York, being part of Inner Lot No. 128, described as follows:

BEGINNING in the northerly line of Huron Street 115.50 feet westerly from its intersection with the westerly line of Franklin Street; running thence westerly along said line of Huron Street 65.02 feet; thence at right angles northerly and parallel with Franklin Street 237.03 feet to the north line of Inner Lot No. 128; thence easterly along said northerly line of Inner Lot No. 128, 65.37 feet to a point 115.50 feet west of Franklin Street; thence southerly parallel with Franklin Street 236.91 feet to the point of beginning.

PARCEL "D"

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie and State of New York, being part of Inner Lot No. 128, described as follows:

COMMENCING at a point 15 feet easterly of the westerly line of Inner Lot No. 128 as measured on a line parallel to Huron Street and 217.50 feet northerly of the northerly line of Huron Street; thence southerly on a line parallel to Delaware Avenue and 15 feet easterly of the westerly line of Inner Lot No. 128 for a distance of 44 feet; thence easterly on a line parallel to Huron Street 18 feet; thence northerly on a line parallel to Delaware Avenue 44 feet; thence westerly on a line parallel to Huron Street 18 feet to the place of beginning.

PARCEL "E"

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Buffalo, County of Erie and State of New York, being part of Inner Lot No. 128, described as follows:

BEGINNING at a point in the northeast corner of lands conveyed to E. Alan Nordstrom by a deed recorded in Erie County Clerk's Office in Liber 5951 of Deeds at page 251; running thence southerly on a line parallel with Delaware Avenue and along the east line of lands conveyed to E. Alan Nordstrom by aforementioned deed 44 feet to a point 173.50 feet north of Huron Street measured along a line parallel with Delaware Avenue being the north line of lands conveyed to Buffalo Lodge Number 23, Benevolent & Protective Order of Elks by a deed recorded in the said Clerk's Office in Liber 1718 of Deeds at page 145; running thence easterly along the north line of lands conveyed to Buffalo Lodge Number 23 Benevolent & Protective Order of Elks 18 feet; running thence northerly along the west line of land conveyed to Charles W. Miller by a deed recorded in the said Clerk's Office in Liber 571 of Deeds at page 387, 44 feet; running thence westerly parallel with Huron Street 18 feet to the point or place of beginning.

AS ALSO DESCRIBED AS

The above Parcels A-E being more modernly described as follows:

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Buffalo, County of Erie, State of New York, and being part of Inner Lot 128, bounded and described as follows:

BEGINNING AT A POINT on the northerly line of West Huron Street (66.0 feet wide) at a distance of 115.5 feet westerly measured from its intersection with the westerly line of Franklin Street (66.0 feet wide), said point being also on the east line of Lot 128;

RUNNING THENCE: Westerly, along the northerly line of West Huron Street, a distance of 116.02 feet to the southwest corner of Lot 128;

THENCE: Northerly, at an Interior angle of 90°-04'-20" with the last described line and along the west line of Lot 128, a distance of 217.5 feet to a point;

THENCE: Easterly, parallel with West Huron Street, a distance of 51.0 feet to a point on the easterly line of lands conveyed to Delaware-Mohawk Realty Corporation by deed recorded in the Erie County Clerk's Office in Liber 1586 of Deeds at Page 219;

THENCE: Northerly, parallel with Franklin Street, a distance of 19.36 feet to a point;

THENCE: Easterly, at an Interior angle of 89°-58'-33" with the last described line, a distance of 65.12 feet to the east line of Lot 128;

THENCE: Southerly, at an interior angle of 90°-00'-00" with the last described line, parallel with Franklin Street and along the east line of Lot 128, a distance of 236.91 feet to the POINT OR PLACE OF BEGINNING.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership

Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: 73-79 W. Huron St. **DEC Site ID No.** C915282

II. Contact Information of Person Submitting Notification:

Name: Michael W. Tyszko

Address1: 110 West Fayette St., Suite 1000

Address2: Syracuse, NY 13202

Phone: 315-701-6366 E-mail: mtyszko@bhlawpllc.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

- [x] Change in Ownership or Change in Remedial Party(ies)
- [ ] Transfer of Certificate of Completion (CoC)
- [ ] Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): Aug 29, 2025

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.

Certificate of completion transferee and current fee owner, Emerson Huron, LLC, executed a purchase and sale agreement on June 27, 2025 with Mercer Asset Management, LLC, a Delaware LLC, to sell the entire BCP site to an affiliate of Mercer Asset Management, LLC. The contract contemplates a closing date of August 29, 2025.

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

V. Certification Statement: Where the change of use results in a change in ownership or in responsibility for the proposed, ongoing, or completed remedial program for the site, the following certification must be completed (by owner or designated representative; see §375-1.11(d)(3)(i)):

I hereby certify that the prospective purchaser and/or remedial party has been provided a copy of any order, agreement, Site Management Plan, or State Assistance Contract regarding the Site's remedial program as well as a copy of all approved remedial work plans and reports.

Name: _____ Jun 30, 2025

(Signature) (Date)

F. James McGuire

(Print Name)

Address1: 455 Cayuga Rd Suite 100

Address2: Buffalo, NY 14225

Phone: 716-829-1900 E-mail: jimmcg@mcg-dev.com

VI. Contact Information for New Owner, Remedial Party, or CoC Holder: If the site will be sold or there will be a new remedial party, identify the prospective owner(s) or party(ies) along with contact information. If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/ECs), indicate who will be the certifying party (attach additional sheets if needed).

☑ Prospective Owner ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: 75 Huron Fee, LLC

Address1: c/o Mercer Street Partners, 7 World Trade Center

Address2: New York, NY 10006

Phone: 917-542-1866 E-mail: legal@mercerstreetpartners.com

Certifying Party Name: Alex Libin on behalf of 75 Huron Fee, LLC

Address1: c/o Mercer Street Partners, 7 World Trade Center

Address2: New York, NY 10006

Phone: 917-542-1866 E-mail: legal@mercerstreetpartners.com

VII. Agreement to Notify DEC after Transfer: If Section VI applies, and all or part of the site will be sold, a letter to notify the DEC of the completion of the transfer must be provided. If the current owner is also the holder of the CoC for the site, the CoC should be transferred to the new owner using DEC's form found at http://www.dec.ny.gov/chemical/54736.html. This form has its own filing requirements (see 6NYCRR Part 375-1.9(f)).

Signing below indicates that these notices will be provided to the DEC within the specified time frames. If the sale of the site also includes the transfer of a CoC, the DEC agrees to accept the notice given in VII.3 below in satisfaction of the notice required by VII.1 below (which normally must be submitted within 15 days of the sale of the site).

Within 30 days of the sale of the site, I agree to submit to the DEC:

1. the name and contact information for the new owner(s) (see §375-1.11(d)(3)(ii));
2. the name and contact information for any owner representative; and
3. a notice of transfer using the DEC's form found at http://www.dec.ny.gov/chemical/54736.html (see §375-1.9(f)).

Name: _____ Jun 30, 2025

(Signature) (Date)

F. James McGuire

(Print Name)

Address1: 455 Cayuga Rd Suite 100

Address2: Buffalo, NY 14225

Phone: 716-829-1900 E-mail: jimmcg@mcg-dev.com

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

July 3, 2025

Michael W. Tyszko
110 West Fayette St., Suite 1000
Syracuse, New York 13202

73-79 W. Huron St.; Site No. C915282
73-79 W. Huron Street
Buffalo, Erie County, New York
Change of Use (COU) Acknowledgement Letter

Dear Michael Tyszko,

This acknowledges our receipt of your June 30, 2025, 60-day Advance Notification of Change of Use for the above referenced site, wherein the change was indicated as a proposed change in ownership and remedial party. This acknowledgement is not intended to imply approval or concurrence with the proposed change of use.

Please ensure that you submit the post-transfer notices required by 6 NYCRR Part 375-1.11(d)(3)(ii) and 375-1.9(f)(1)(ii). These notifications must include the name of the new owner, new owner's contact information, contact representative, and contact information for such representative

We appreciate your attention to this matter. If you have any questions or need additional information, you may contact me at 716-851-7139 or Bradley.Demo@dec.ny.gov.

Sincerely,

Bradley W. Demo

Bradley Demo
Project Manager

Ec: Michael Cruden, Bureau Director, Bureau E, NYSDEC Albany
Benjamin McPherson, P.E. Regional Hazardous Waste Engineer, Region 9
Megan Kuczka, Environmental Program Specialist 2, NYSDEC Region 9

Teresa Mucha, Esq., Assistant Regional Attorney, Office of General Counsel, NYSDEC Region 9
Michael Murphy, Office of General Counsel, NYSDEC, Albany
Sara Bogardus, Region Chief, NYSDOH, Albany
Kari Pollard, Project Manager, NYSDOH, Albany
F. James McGuire, Mcguire Development
Alex Libin, 75 Huron Fee, LLC
Thomas Forbes, Roux Inc.

ROUX

ROUX

Active Sub-Slab Depressurization System MAG - 1

Emerson School,
73 - 79 West Huron Street Site,
Buffalo NY

4

Date	Initials	Pressure Reading (inches of WC)	Time of Reading	Notes/Information
11/18/24	J.C.	0.90	1:30 pm	
12/17/24	J.C.	0.90	2:33 pm	
1/23/25	J.C.	0.90	10:50 AM	
2/24/25	J.C.	0.90	1:17 pm	
3/20/25	J.C.	0.90	9:03 AM	
4/14/25	TAB	0.90	8:25	Annual Inspe
5/19/25	J.C.	0.90	10:57 AM	
6/16/25	J.C.	0.90	9:00 AM	
7/23/25	J.C.	0.90	10:51 AM	
8/15/25	J.C.	0.90	9:23 AM	
9/17/25	J.C.	0.90	9:38 AM	
11/11/25	JM	0.90	9:15 AM	
1/14/26	MN	0.90	10:30 AM	
2/5/26	MN	0.90	2:15 PM	
3/6/26	MN	0.95	10:10 AM	

ROUX

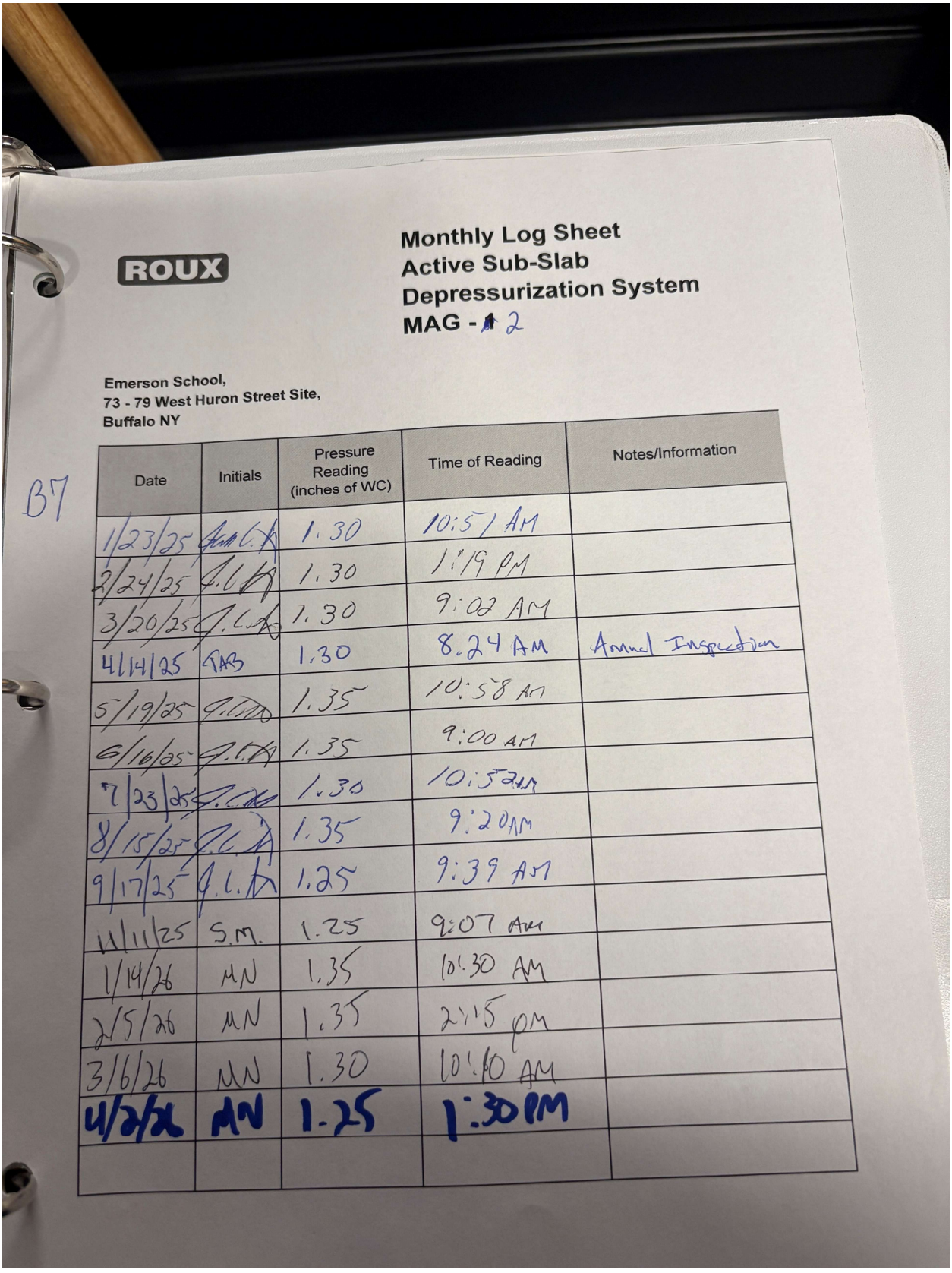
ROUX

Monthly Log Sheet
Active Sub-Slab Depressurization System
MAG - 1

Emerson School,
73 - 79 West Huron Street Site,
Buffalo NY

Date	Initials	Pressure Reading (inches of WC)	Time of Reading	Notes/Information
4-2	MN	.90	1:29PM	

ROUX



ROUX

Monthly Log Sheet
Active Sub-Slab
Depressurization System
MAG - 1 2

Emerson School,
73 - 79 West Huron Street Site,
Buffalo NY

B7

Date	Initials	Pressure Reading (inches of WC)	Time of Reading	Notes/Information
1/23/25	[illegible]	1.30	10:51 AM	
2/24/25	[illegible]	1.30	1:19 PM	
3/20/25	[illegible]	1.30	9:02 AM	
4/14/25	TAS	1.30	8.24 AM	Annual Inspection
5/19/25	[illegible]	1.35	10:58 AM	
6/16/25	[illegible]	1.35	9:00 AM	
7/23/25	[illegible]	1.30	10:52AM	
8/15/25	[illegible]	1.35	9:20AM	
9/17/25	[illegible]	1.25	9:39 AM	
11/11/25	S.M.	1.25	9:07 AM	
1/14/26	MN	1.35	10:30 AM	
2/5/26	MN	1.35	2:15 pm	
3/6/26	MN	1.30	10:10 AM	
4/2/26	MN	1.25	1:30 PM	