HALEY ALDRICH

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2024-2025 PERIODIC REVIEW REPORT

HYDRO-AIR COMPONENTS, INC. PROPERTY
FORMER STEELFIELDS AREA IV BCP SITE (#C915204)
100 RITTLING BLVD.
BUFFALO, NEW YORK

by
H & A of New York Engineering and Geology, LLP
Rochester, New York

for
New York State Department of Environmental Conservation
Buffalo, New York

File No. 0129356-018
July 2025

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July 16, 2025
File No. 0129356-018

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
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Attention: Megan Kuczka
Environmental Program Specialist 1

Subject: Hydro-Air Components, Inc. Property
Former Steelfields Area IV BCP Site; NYSDEC Site #C915204
2024-2025 Periodic Review Report & Certification of
Institutional Controls/Engineering Controls
100 Rittling Blvd.
Buffalo, New York

Ladies and Gentlemen:

On behalf of Hydro-Air Components, Inc. (Hydro-Air), H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) hereby submits this Periodic Review Report (PRR) and Institutional & Engineering Controls (IC/ECs) Certification for the April 15, 2024 to April 14, 2025 period (2024-2025 PRR) for the Former Steelfields Area IV BCP Site (NYSDEC Site #C915204) located at 100 Rittling Boulevard, Buffalo, New York (Site). This report which summarizes activities performed during the reporting period was prepared in accordance with the NYSDEC-approved Site Management Plan, dated November 2007, as amended on March 25, 2014 to incorporate recommendations from the 2012 Corrective Measures Report (SMP).

The 2024-2025 PRR documents SMP activities implemented during the reporting period and provides documentation of ongoing monitoring and corrective measures activities required by the SMP.

Haley & Aldrich of New York conducted the annual Site engineering controls inspections on April 10, 2025. General site monitoring activities were completed over the reporting period by Hydro-Air personnel and contractors, and documentation of the monitoring activities is attached to and incorporated by reference in this 2024-2025 PRR.

Consistent with observations made during the previous 2022-2024 PRR period, the 2025 Site engineering controls inspection observations found that existing Site cover placed during remediation and redevelopment activities in the mid-2000s is currently maintained in accordance with the SMP.

However, contrary to documentation provided in the Final Engineering Report (FER) summarizing Site remedial activities, soil cover inadvertently does not appear to have been placed on either the southwest corner of the Site or within overlapping easements held by the Buffalo, Rochester and Pittsburgh Rail Company (BRPRR) and Niagara Mohawk Power Corporation (NiMo) along the western-most edge of the Site.

Furthermore, piles of fill containing anthropogenic materials generated during periodic maintenance of a drainage ditch conducted by BRPRR within the BRPRR/NiMo easements were placed on top of the existing Site cover and Fence Line near the approximate eastern easement boundary. These piles, therefore, also represent a portion of the Site lacking a cover system.

Due to the continued lack of cover along the southwestern portion of the Site, and the uncovered piles generated by the BRPRR to the immediate east of the eastern edge of the BRPRR/NiMo easements, the certification of Site IC/ECs cannot be made. Per the request of the NYSDEC, this PRR is being submitted while Haley & Aldrich of New York, on behalf of Hydro-Air, is working on a Corrective Measures Work Plan (CMWP) for the repairs/maintenance of the Site cover system.

It took many months longer than anticipated to obtain BRPRR's cooperation. As a result TENORM screening and soil characterization sampling of the soil piles occurred on April 29, 2025. While the Department had originally extended the date for submittal of a CMWP to address the lack of cover in the southwestern area of the Site and with respect to the soil pile until May 17, 2025, Hydro-Air is requesting a further extension of the time to submit that CMWP.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

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(FORMER STEELFIELDS AREA IV BCP SITE; NYSDEC SITE #C915204)
100 RITTLING BLVD.
BUFFALO, NEW YORK

PREPARED ON BEHALF OF HYDRO-AIR COMPONENTS, INC.
FOR
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BUFFALO, NEW YORK

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Executive Summary

The Steelfields Area IV Brownfields Cleanup Program (BCP) Site, NYSDEC Site #C915204, comprises 30.91 acres of land located at 100 Rittling Boulevard in Buffalo, New York (See Figures 1 and 2) (the "Site"). Remedial activities at the Site were initiated in 2003 under a Voluntary Cleanup Agreement (VCA) between the former Site owner, Steelfields Ltd., and the NYSDEC. In 2006, Hydro-Air purchased the Steelfields Area IV property, successfully applied for the BCP, and subsequently entered as a Volunteer into a Brownfields Cleanup Agreement with NYSDEC on August 21, 2006 to continue through to completion the remedial program activities commenced under the VCA Work Plan. For continuity, Hydro-Air retained the same environmental contractor, Benchmark Environmental Engineering & Science PLLC (Benchmark), that had progressed the Site for Steelfields Ltd.

The Site is currently developed with a 144,000 square foot manufacturing building and adjoining office space, surrounded by paved parking lots, landscaped areas, a stormwater detention pond, and vegetated areas. Soil and groundwater on some portions of the Site have been found to contain volatile organic compounds (VOCs), metals (primarily arsenic, chromium, and lead), and cyanide, associated with past use of the Site as the former Donner-Hanna Coke plant storage yard. Additionally, alkaline groundwater is known to exist in the northeastern corner of the Site, and acidic groundwater is known to exist in the western portion of the Site.

The NYSDEC-approved remedy for the Site included the following:

- Excavation and removal of soils contaminated with historical coking process wastes from the Site, backfilling, and placement of a cover system;
- Use of Oxygen Release Compound (ORC) in Site groundwater wells (began in 2007) to stimulate in-situ aerobic biodegradation of residual Site soil benzene, ethylbenzene, toluene and xylene (BTEX) contamination at locations where the results of confirmation soil samples collected during remedial excavation did not meet Site Specific Action Levels (SSALs) established for subsurface soil and fill at the Site;
- Installation and operation of an active sub-slab depressurization system (ASD) for the Site building to mitigate the potential for soil vapor intrusion (ASD constructed and operated continuously since 2007); and
- Annual inspection by a qualified person verifying that the institutional controls and/or engineering controls employed at the Site remain in place and operational.

Also included as part of the NYSDEC-approved remedy was the recording of an Environmental Easement on December 21, 2007 to address institutional control requirements of the BCP, including, but not limited to:

- Restricting the property to industrial use;
- Preventing use of groundwater at the Site without prior agency approval; and
- Adherence to the SMP for long-term management of the Site in order to maintain protection of human health and the environment.

The SMP, dated November 2007, was amended on March 25, 2014 to incorporate recommendations from the 2012 Corrective Measures Report. The SMP consists of institutional and engineering controls (IC/ECs). The Site IC consists of the Environmental Easement on the property, which includes groundwater and land use restrictions, and adherence to the SMP. IC activities specified in the SMP include annual groundwater monitoring, monthly monitoring of stormwater pond water quality, and an annual site inspection. Site ECs include maintenance of the Site cover system, the gasketed stormwater conveyance piping to the north / northeast of the manufacturing building, the operation and maintenance of the sub-slab depressurization system (ASD), and the in-situ treatment of residual contamination in native soils using oxygen release compounds (ORC). Per NYSDEC approval, the ORC wells were decommissioned in March 2025. Monitoring of the ICs/ECs is conducted periodically per the SMP.

Excepting the absence of the cover system in the southwestern area of the Site, the absence of cover beneath the electric lines within the Buffalo, Rochester and Pittsburgh Rail Company (BRPRR) and Niagara Mohawk Power Corporation (NiMo) easements along the western border of the Site (collectively, the "Easements Area"), and BRPRR's apparent placement of materials excavated during drainage ditch maintenance on top of the existing cover immediately to the east of the Easements Area, ICs/ECs have remained in-place and operational during the reporting period. The SMP and Environmental Easement remain in-place, groundwater has not been used, and Site use is consistent with land use restrictions (industrial).

SITE COVER SYSTEM IS NOT CURRENTLY IN ACCORD WITH THE SMP

During site engineering controls inspections conducted between March 2023 and April 2025, Haley & Aldrich of New York observed that soil beneath the NiMo power lines in the Easements Area located west of a fence line generally marking the western edge of the current Site cover system ("Fence Line"), referred to as "western grass area" shown in Figure 2, did not appear covered with 12 inches of imported soil/fill, as was described in the Final Engineering Report (FER) prepared by Benchmark for the Site, dated November 2007. This area includes a 30-foot-wide railroad track easement reserved by the BRPRR to use, maintain and remove Track T-RB2A(1), and a partially overlapping 40-foot-wide utility easement granted to NiMo. These approximate boundaries of these easement areas are shown on Figure 3, and components of the existing site cover system are shown on Figure 4.

Haley & Aldrich of New York also observed piles of waste soil/fill materials, including slag, refractory brick, ash, and/or other anthropogenic fill materials, placed along and on top of the Fence Line which had destroyed lengthy sections of the fence. The piles of excavated material extended onto the Site cover system located east of the Fence Line where 12 inches of imported cover is present. BRPRR representatives indicate these piles were generated during periodic maintenance of a drainage ditch within the BRPRR/NiMo easements conducted by the Railroad. Hydro-Air was not aware of the periodic maintenance of the ditch by the BRPRR. Haley & Aldrich of New York also observed that the southwest corner of the Site (see Figures 3 and 4) was not covered with one foot of imported soil/fill as described in the FER.

The April 2025 Site engineering controls inspection observations indicated that areas of the Site continue to not have cover in accordance with the SMP such that the certification of all of the Site IC/ECs cannot be made. This PRR is being submitted while Haley & Aldrich of New York, on behalf of Hydro-Air, is working on a Corrective Measures Work Plan (CMWP) for the placement, repairs and maintenance of the Site cover system.

Haley & Aldrich of New York is working on a CMWP detailing the procedures and schedule for completion of activities to enable certification of all Site ICs/ECs. These activities include the placement of cover on the southwestern area of the Site which did not receive cover during the remediation, and which is not burdened by either the NiMO or BRPRR easements. Additionally, soils excavated from within the NiMo and/or BRPRR easements and piled on sections of the Fence Line and cover system abutting the eastern edge of the NiMO easement will be excavated and either reused on-Site or disposed off-Site, pending results of radiological screening and soil characterization sampling and analysis conducted on April 29, 2025.

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1. Site Overview and Remedy Implementation

The Steelfields Area IV Brownfields Cleanup Program (BCP) Site, NYSDEC Site #C915204, comprises 30.91 acres of land located at 100 Rittling Boulevard in Buffalo, New York (See Figures 1 and 2) (the "Site"). Remedial activities at the Site were initiated in 2003 under a Voluntary Cleanup Agreement (VCA) between the former Site owner, Steelfields Ltd., and the NYSDEC. In 2006, Hydro-Air purchased the Steelfields Area IV property, successfully applied for the BCP, and subsequently entered as a Volunteer into a Brownfields Cleanup Agreement with NYSDEC on August 21, 2006 to continue through to completion the remedial program activities commenced under the VCA Work Plan. For continuity, Hydro-Air retained the same environmental contractor, Benchmark Environmental Engineering & Science PLLC (Benchmark), that had progressed the Site for Steelfields Ltd.

Site development was completed in 2007 with the construction of an approximately 144,000 square foot manufacturing building and adjoining office space. Remaining portions of the Site include paved parking lots, a gravel road, landscaped areas, a stormwater retention pond, and vegetated areas. Soil and groundwater on some portions of the Site contain volatile organic compounds (VOCs), metals (primarily arsenic, chromium, and lead), and cyanide, associated with past use of the Site as the former Donner-Hanna Coke Storage Yard. Additionally, alkaline groundwater is known to exist in the northeastern corner of the Site, and acidic groundwater is known to exist in the western portion of the Site.

Soil and groundwater investigations were conducted at the Site between 1997 and 2005 as part of VCP activities. Following investigation, and entry of the Site in the BCP by Hydro-Air, a Site remedy was selected consisting of:

- Excavation and removal from the Site of soils contaminated with historical coking process wastes; backfilling; and placement of cover material;
- Use of Oxygen Release Compound (ORC) in designated Site groundwater wells to stimulate aerobic biodegradation of residual Site soil benzene, ethylbenzene, toluene and xylene (BTEX) contamination at locations where the results of confirmation soil samples collected during remedial excavation did not meet Site Specific Action Levels (SSALs) established for subsurface soil and fill at the Site;
- Installation and operation of an active sub-slab depressurization system (ASD) for the Site building to mitigate the potential for soil vapor intrusion (ASD constructed and operated continuously since 2007);
- Use of gasketed stormwater conveyance piping (currently located to the north/northeast of the manufacturing building);
- Periodic monitoring; and
- Annual inspections.

Also included as part of the remedy was the recording of an Environmental Easement on December 21, 2007 to establish institutional control requirements at the Site, including continued industrial use of the property, preventing use of groundwater at the Site without prior agency approval, and adherence to the Site Management Plan (SMP) for long-term management of the Site to maintain protection of

human health and the environment as required by the NYSDEC. The NYSDEC approved the SMP dated November 2007, and its amendment dated March 25, 2014.

This report summarizes activities performed during the period April 15, 2024 through April 14, 2025.

2. IC/EC Compliance Report

Site institutional controls (ICs) in the form of an Environmental Easement are in effect at the Site. These restrictions include a prohibition of groundwater use unless rendered safe for the intended purpose and land use restrictions (industrial use only). The Environmental Easement also stipulates that the Site is managed under a NYSDEC-approved SMP and requires periodic certification indicating that the Site engineering controls (ECs) remain in-place and continue to be protective.

There are four ECs in place at the Site, which are as follows and further described in the sections below:

- 2.1.1 Cover System
- 2.1.2 Sub-Slab Depressurization System
- 2.1.3 Gasketed Stormwater Conveyance Piping
- 2.1.4 ORC In-situ Treatment (discontinued in October 2024 per NYSDEC approval dated September 3, 2024.)

There are two maintenance and/or monitoring activities associated with ICs as follows and further described in the sections below:

- 2.1.5 Groundwater Monitoring
- 2.1.6 Stormwater Pond Monitoring

2.1 ENGINEERING CONTROLS - REQUIREMENTS AND COMPLIANCE

2.1.1 Cover System

Potential direct exposure to residual contamination remaining at the Site is prevented by a cover system, which consists of the building slab, asphalt pavement, concrete sidewalks, and 1 foot of clean gravel or soil which at a minimum meets Site Specific Action Levels (SSALs) presented in the SMP and, for non-SSAL constituents, NYSDEC 6 NYCRR Part 375 restricted industrial use Soil Cleanup Objectives (SCOs) with vegetative cover. The stormwater pond east of the Site building is also part of the cover system. The cover system is required to be maintained in accordance with the SMP. The current post-remedial excavation extent of Site soil cover is documented in Figure 3-6, "Area IV – Surface Coverage, Post-Remedial Excavation and Soil Cover Record," of the 2007 FER.

Excavations that breach the cover system require monitoring and soil management in accordance with the Excavation Work Plan appended to the SMP. In addition, should certain fill materials ever be imported onto the Site, they must be tested prior to Site use to demonstrate compliance with the requirements of the SMP. Fill materials were not imported to the Site during the reporting period.

2.1.1.1 Observations of Site cover system not constructed as shown in 2007 Final Engineering Report

Remediation and redevelopment of the Site was thought by Hydro-Air and NYSDEC to have been fully completed in 2007 as described in the FER. The legal boundaries of the Site are described in "Exhibit A"

of a VCA Modification dated 9 March 2007, in the Environmental Easement for the Site, and are shown on the "Survey of Lands, Conveyed to Hydro-Air Components, Inc.," dated January 10, 2005, prepared by Wendel Duchscherer. Additionally, the post-remedial excavation extent of Site soil cover, as documented in Figure 3-6, "Area IV – Surface Coverage, Post-Remedial Excavation and Soil Cover Record" of the 2007 FER, reportedly extended to the legal boundaries of the Site.

Review of the legal boundaries of the Site indicate the western edge includes a 30-foot-wide track easement reserved by the Buffalo, Rochester and Pittsburgh Rail Company (BRPRR) to use, maintain and remove Track T-RB2A(1) and a partially overlapping 40-foot-wide utility easement granted to Niagara Mohawk Power Corporation (NiMo). The approximate limits of these overlapping easement areas are shown on Figure 3. A drainage ditch is located within the BRPRR and NiMo easements. A fence line runs approximately 60 feet east from the westerly Site boundary and, therefore, generally extends along the eastern edge of the NiMo easement ("Fence Line"). Documentation contained in the FER, indicated selected remedial excavations extended to the forementioned Fence Line marking the eastern edge of the NiMo easement. The FER also indicated that 12 inches of "imported soil/fill cover" were placed in the NiMo easement area, including across the BRPRR road, as final remedial soil cover in accordance with the Site's Remedial Design Work Plan (RDWP).

During Site engineering controls inspections conducted between 2023 and 2025, Haley & Aldrich of New York observed that the Site areas within the NiMO and BRPRR easements, as well as areas in the southwest corner of the Site, did not appear to be covered with 12 inches of imported soil/fill as described in the FER (see Figure 4). Haley & Aldrich of New York also observed piles of excavated soil/fill materials, including slag, refractory brick, ash, and/or other anthropogenic fill materials, placed along, and on top of, the Fence Line and cover materials immediately to the east of the NiMo easement, which had destroyed lengthy sections of the Fence Line. These piles were reported by the BRPPR to have been generated by BRPRR during periodic maintenance of a drainage ditch within the BRPRR/NiMo easements conducted by the railroad. The piles of excavated material extended onto the land east of the Fence Line covered by 12 inches of imported materials.

Correspondence between NYSDEC and Hydro-Air dated September 18, 2023 indicated placement of 1-foot of cover in areas not burdened by NiMO and BRPRR easements is required to maintain adherence to the SMP (see Figure 3). Correspondence between NYSDEC and Hydro-Air dated May 17, 2024 indicated that the piles of soil/fill materials excavated from within the aforementioned easements and placed along, and on top of, the Fence Line and cover to east of the easements should be addressed by either removing the material from the Site or re-using the soil/fill materials as Site cover if chemical analytical results show that the materials meet industrial SCOs per Table 5.4(e)10 in DER-10.

Based on the aforementioned observations, Site cover does not exist in the southwest corner of the Site, (see Figures 3 and 4) and as a result, the certification of all of the Site ICs/ECs cannot be made. Based upon the apparently missing Site cover system in the southwest corner and the piles of excavated materials on top of the Fence Line and cover system to the east of the NiMo easement and per NYSDEC correspondence from May 17, 2024 and September 3, 2024, this PRR is being submitted while Haley & Aldrich of New York, on behalf of Hydro-Air, is working on a Corrective Measures Work Plan (CMWP) for the repairs and maintenance of the Site cover system.

Haley & Aldrich of New York continues to work on the CMWP, detailing the procedures and schedule for completion of activities to enable certification of all Site ICs/ECs. These activities include the placement of cover on the southwestern area of the Site which did not receive cover during the remediation, and

which is not burdened by either the NiMO or BRPRR easements. Additionally, soils excavated from within the NiMo and/or BRPRR easements and piled on sections of the Fence Line and cover system abutting the eastern edge of the NiMO easement will be excavated and either placed on-Site or disposed off-Site, pending results of radiological screening and soil characterization sampling and analysis conducted on April 29, 2025.

2.1.1.2 Divots caused by trespassing in northeast lawn area

During the April 2025, Site engineering controls inspection, evidence of trespassing on the Site was observed, including tire marks and approximately 6-inch-deep divots on a lawn area in the northeast corner the Site. While the tire marks appear to have damaged the grass, they did not breach the Site cover system. However, the divots extend into the protective cover system and will be repaired with imported stone and topsoil, and the lawn vegetation will be reestablished by Hydro-Air during the 2025-2026 PRR period. Prior to importing stone or topsoil, import approval request(s) will be made to the NYSDEC.

2.1.1.3 Prevention of Groundwater Surfacing

Prior to 2010, groundwater that had been in contact with soils from beneath the cover system was observed accumulating in the northeastern loading dock area of the Site building (see Figure 2). Subsequent to corrective measures that were put into place per the NYSDEC-approved Corrective Measures Work Plan, groundwater has not accumulated in the northeastern loading dock area. The reconfiguration of the loading dock pump system (setting to automatic pumping and raising the float set-point) has maintained dry conditions and has sufficiently prevented the surfacing of groundwater in the area. Stormwater collecting in the loading dock catch basins is pumped to the Site stormwater pond located directly to the east. Hydro-Air has continued to monitor the efficacy of these controls regularly throughout the reporting period.

Prior to 2012, evidence of surfacing groundwater from beneath the gravel cover areas north/northeast of the manufacturing building on the Site was evident (see Figure 2). As a voluntary corrective measure, the gravel cover on the northern portion of the access road was enhanced in 2012 by the placement of additional gravel (an additional 9 to 11 inches). In January 2021, standing water was observed in compacted areas on the gravel roadway between the Site building and northern Site boundary following a period of rainfall and snowmelt. The condition was likely related to the recent rainfall/snow melt/ localized groundwater recharge. To limit the potential for future temporary ponding under similar conditions, Hydro-Air imported #2 crushed limestone and elevated the compacted areas and re-graded the roadway. Hydro-Air monitored the road conditions throughout the 2024-2025 reporting period and did not observe prolonged unanticipated standing water conditions.

2.1.1.4 Floor Cracking

Between 2022 and 2024 Hydro-Air personnel repaired floor cracks observed in linoleum floor tiles and ceramic bathroom tiles within the western portions of the Site office areas. Observed cracks were filled with hydraulic cement and the joint surfaces were sealed with self-leveling polyurethane caulk. Damaged linoleum floor tiles were replaced, and the floors subsequently covered with carpeting in 2023. Evidence of additional floor cracking was not observed during the 2024-2025 PRR reporting period

In 2023, an apparent expanding floor crack and several enlarged expansion joints were observed within the concrete floor of the Site manufacturing space. The expanding floor crack was located near the

southeast corner of the facility paint booth. The observed crack and enlarged expansion joints were filled with hydraulic cement and the joint surfaces were sealed with self-leveling polyurethane caulk. Evidence of additional cracking or floor joint expansion was not observed during the April 2025 Site visit. Although other minor surficial floor cracks continue to be observed in parts of the manufacturing space, these cracks do not appear to extend through the concrete floor slab. Evidence of manufacturing floor expansion joints enlarging beyond ½-inch was not observed during the April 2025 Site visit. Hydro-Air intends to continue to observe expansion joint thicknesses, and fill joints enlarged greater than ½-inch with hydraulic cement and seal joint surfaces with self-leveling polyurethane caulk.

2.1.2 Sub-Slab Depressurization System

An ASD system was installed during 2006 Site building construction to mitigate the potential for soil vapor intrusion to occur. The ASD system consists of an 8-mil polyethylene vapor barrier and five assemblies strategically placed within the footprint of the Site building, each containing the following items: perforated pipe suction assembly, vertical piping vent stack and associated materials, exhaust fan, and magnehelic pressure gauge. The as-built ASD system design, as provided in the 2007 Final Engineering Report, is provided in Appendix E.

During the 2024-2025 PRR reporting period, the continued presence of sub-slab vacuum and continuous system operation indicates the ASD system is operating as designed, and documentation for regular monthly maintenance and monitoring is included in Appendix E. During the June 28, 2024 monthly reading of magnehelic pressure gauges, the “Server Room” gauge indicated an anomalously low pressure reading of 0.2 inches of water. Inspection activities conducted by Hydro-Air personnel indicated the rooftop exhaust fan was intermittently functioning, and the fan was replaced by Hydro-Air on July 19, 2024. During the April 10, 2025 annual Site inspection visit, a pressure reading of 0 inches of water was observed on the “SW” magnehelic gauge. Inspection activities conducted by Hydro-Air personnel indicated the rooftop exhaust fan motor failed sometime in early April 2025, and the fan was replaced by Hydro-Air on April 24, 2025. The rooftop fans for both the “Server Room” and “SW” vacuum locations were replaced by Hydro-Air personnel with “in-kind” Fantech Model FR160 fans. Refer to Section 3.4 below, for additional information, including updates provided within this Periodic Review Report and Annual Institutional & Engineering Controls Certification for 2024-25 PRR.

2.1.3 Gasketed Stormwater Conveyance Piping

In areas of the Site with known groundwater impacts, stormwater injection (drywell) is prohibited, and stormwater conveyance pipes and manholes are required to have gasketed joints for water tightness to prevent the infiltration of impacted groundwater from beneath the cover system into the collection system.

The stormwater conveyance pipes along the north and northeast side of the manufacturing building are gasketed. Activities that would have impacted the integrity of the gasketed joints of stormwater conveyance piping were not performed during the reporting period. Gasketed stormwater conveyance pipes therefore remain in-place as designed and installed. No new stormwater conveyance piping was installed during the reporting period.

2.1.4 ORC In-Situ Treatment (Discontinued during the 2024-2025 PRR Period)

The in-situ treatment of residual BTEX contamination in remaining soils at depth using oxygen release compounds (ORC) was maintained and monitored in accordance with the SMP between 2009 and 2025. The three designated ORC wells were inspected annually, and ORC was replaced semi-annually in accordance with the SMP.

On September 3, 2024, the NYSDEC approved the cessation of sampling and maintaining the ORC wells, and requested the wells be decommissioned in accordance with NYSDEC CP-43. Accordingly, the ORC socks were removed from each of the three ORC wells in October 2024 and containerized at the Site facility for future off-site disposal under manifest.

On March 10, 2025, NW Contracting decommissioned each of the three Site ORC wells by pulling the polyvinyl chloride (PVC) casings out of the ground while filling each borehole with a grout mixture consisting of portland cement, powder bentonite, and water. Well decommissioning records for each ORC well are provided in Appendix F. NW Contracting removed the decommissioned PVC casings from the Site and placed them in their facility solid waste dumpster in Alden, New York. The casings were subsequently transported to Modern Landfill in Lewiston, New York. No manifests were generated from the pickup and transport of the decommissioned well casings to Modern Landfill for disposal.

2.2 INSTITUTIONAL CONTROLS - REQUIREMENTS AND COMPLIANCE

2.2.1 Groundwater Monitoring

Groundwater samples from the five monitoring wells identified on Figures 2 and 3, are collected annually using low-flow purge and sampling methods as specified in the SMP. Water quality parameters are measured and recorded in the field during the low-flow purge using a flow-through cell and water quality meter. The following field parameters are measured in each monitoring well: pH, temperature, Oxidation-Reduction Potential (ORP), specific conductance, turbidity, dissolved oxygen, alkalinity, and visual/olfactory observations. Although conducted during prior reported periods, CO_2 monitoring was discontinued per the September 3, 2024 correspondence with the NYSDEC. Static depth to groundwater is measured at each monitoring well prior to groundwater sample collection. Static groundwater elevations from October 2024 are shown on Figure 3. Groundwater elevation contours and anticipated groundwater flow direction from the 2024 monitoring event are also shown on Figure 3.

Groundwater samples collected from the five monitoring wells are also analyzed for VOCs (Method 8260D), arsenic/chromium/lead (Method 6020B), cyanide (Method 9010C/9012B), and alkalinity (Method 2320B).

Long-term groundwater monitoring continues at the Site. Groundwater analytical data for the October 2024 sampling event are included in Appendix H. Sampling documentation is included in Appendix G. Groundwater purged during the October 2024 sampling was containerized at the Site facility and facility for future off-site disposal under manifest.

2.2.2 Stormwater Pond Monitoring

Hydro-Air staff collect water samples each month from four locations in the Site stormwater pond (see Figure 2 for monitoring locations) and take pH and temperature readings on the samples. Between April and September 2024, pH measurements were made using litmus paper strips. On October 22, 2024

Haley & Aldrich of New York measured pH at each monitoring location using a calibrated meter and compared the results to simultaneous litmus paper tests conducted by Hydro-Air. The litmus paper results appeared anomalously low and ranged from 1.02 to 5.58 pH units below the calibrated meter readings. Between October 2024 and March 2025, pH readings were made by Hydro-Air personnel with a calibrated meter. Readings are not collected when the pond is frozen. In accordance with the SMP, samples collected from the midpoint of the main pond and near the pond outlet pipe are combined in the field and analyzed as a composite sample. Stormwater pond sampling continues at the Site. Sampling data are included in Table V. The stormwater pond reportedly discharges to the municipal storm sewer.

2.3 IC/EC CERTIFICATION

Based on Site visits and interviews with Site personnel, all of the IC/ECs cannot be certified. Refer to Appendix A for a copy of the appropriate certification documentation.

3. Operations, Maintenance, & Monitoring Plan Compliance Report

Monitoring activities conducted during this reporting period consisted of the annual inspection, annual groundwater sampling event, review of sub-slab vacuum measurements of the ASD, and stormwater pond monitoring. Monitoring activities were conducted in accordance with the SMP. The results of the groundwater and stormwater pond quality monitoring, and operations, maintenance, and monitoring of the ASD are further described below.

3.1 ANNUAL INSPECTIONS

A Haley & Aldrich of New York representative conducted the annual certification inspection of the Site on April 10, 2025, in accordance with the SMP. The Environmental Inspection Form summarizing observations made during the inspection is included in Appendix C, and representative Site photographs are included in Appendix D.

3.2 GROUNDWATER MONITORING

Groundwater monitoring was conducted in October 2024. Groundwater sampling results are presented on summary Tables I through IV, and Figures 5 through 7. Figure 5 presents the groundwater elevation contours for the 2024 sampling event, as well as approximate groundwater flow direction. Figure 6 is a posting map of the groundwater parameters of interest (benzene, arsenic, and cyanide) during the 2024 sampling period. Figure 7 illustrates historical trends for the groundwater parameters of interest using data from this monitoring period as well as historical monitoring periods. Benzene concentrations overall continue to decrease, particularly at wells A4-MW-8R and A4-MW-9. Cyanide concentrations overall continue to fluctuate.

The October 2024 groundwater samples were collected by NW Contracting of Alden, New York, and analyzed by Alpha Analytical, located in Westborough, MA. These laboratory data were submitted as an EQuIS® electronic data deliverable (EDD) to the NYSDEC on June 24, 2025. The laboratory reports are included in Appendix H. Groundwater sampling field forms are provided in Appendix G. Historical groundwater monitoring data is included in Table I.

3.2.1 Groundwater Elevation Data

The groundwater contour map included as Figure 4 was prepared using the static groundwater elevations measured at the 5 monitoring wells on October 25, 2024. Current and historical groundwater elevation data are included in Table IV. Water levels in the ORC wells were not measured. Consistent with previous monitoring periods, groundwater elevations indicate that shallow groundwater flow is generally to the southeast across the Site.

3.2.2 Parameters of Interest and Trend Assessments

The SMP indicates that groundwater quality parameters exceeding applicable NYSDEC Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations – Class GA – June 1998 (Class GA GWQS) for two consecutive events should be considered to be of interest. In 2007, benzene, ethylbenzene, naphthalene, toluene, lead, chromium, cyanide, and arsenic were parameters of interest

at the Site. Currently, however, only benzene, cyanide, and arsenic remain parameters of interest per the SMP.

During the 2024 sampling, cyanide was elevated over Class GA GWQS at wells A4-MW-5R, A4-MW-7R, and A4-MW-9. Benzene was elevated over Class GA GWQS at wells A4-MW-5R, A4-MW-7R, A4-MW-8R, and A4-MW-10. Arsenic was not detected as concentrations exceeding the Class GA GWQS.

Concentrations for each parameter of interest measured in monitoring wells sampled in 2024 are shown on Figure 6. Historical monitoring data and moving average trendlines for current parameters of interest at wells A4-MW-5R, A4-MW-7R, A4-MW-8R, A4-MW-9, and A4-MW-10 are shown on Figure 7.

3.2.2.1 A4-MW-5R

Cyanide remains a parameter of interest at monitoring well A4-MW-5R, where a concentration of 1,520 µg/L was detected in October 2024. Cyanide concentrations have exceeded Class GA GWQS every year since 2010, and detected concentrations between 2007 and 2024 have fluctuated between 103 µg/L and 1,520 µg/L (see Figure 7), resulting in a slight increasing trend over time. The 1,520 µg/L detection in October 2024 is the highest concentrations measured since completion of the Site remedial activities, although the cyanide concentration measured at A4-MW-5R in October 2024 appears anomalous.

Benzene was detected at a concentration of 8.8 µg/L in October 2024, and has been detected above the Class GA GWQS four of the previous 5 years (2020 through 2024) and remains a parameter of interest at monitoring well A4-MW-5R. Benzene concentrations have fluctuated between 0.6 µg/L and 8.8 µg/L between 2007 and 2024 (see Figure 7), exhibiting a relatively stable trend over time.

3.2.2.2 A4-MW-7R

Cyanide continues to be a parameter of interest at monitoring well A4-MW-7R, where a concentration of 342 µg/L was detected in October 2024. Cyanide concentrations have intermittently exceeded Class GA GWQS since 2007 and detected concentrations have fluctuated between 14 µg/L and 550 µg/L during this period (see Figure 7), resulting in a slight increasing trend over time.

Benzene was detected above (24 µg/L) the Class GA GWQS in October 2024 and remains a parameter of interest. Benzene concentrations have fluctuated between <5 µg/L and 140 µg/L between 2007 and 2024 (see Figure 7), exhibiting a relatively stable trend over time, with the 140 µg/L detection representing an anomalous increase in 2020.

3.2.2.3 A4-MW-8R

Benzene remains a parameter of interest at monitoring well A4-MW-8R. Benzene was detected at a concentration of 7,400 µg/L in October 2024. Concentrations of benzene have exceeded Class GA GWQS for 19 consecutive monitoring periods. Benzene concentrations have generally decreased over the past 13 years following a maximum concentration of 33,000 µg/L detected in 2011.

Arsenic was detected at a concentration of 19.42 µg/L in October 2024. With the September 2023 arsenic concentration measured at 24.16 µg/L, arsenic concentrations have been below Class GA GWQS for 2 consecutive monitoring periods, and are no longer a parameter of interest. Arsenic concentrations have shown a stable to slightly decreasing trend over time.

3.2.2.4 A4-MW-9

Benzene is no longer a parameter of interest at well A4-MW-9. Benzene was detected at a concentration of 1.0 µg/L in October 2024. Benzene concentrations have generally decreased over time, with an almost 2 orders of magnitude decrease in 2013.

Cyanide remains a parameter of interest at well A4-MW-9 and was detected at a concentration of 2,440 µg/L in October 2024. Cyanide concentrations have exceeded Class GA GWQS for 17 of the previous 19 monitoring periods. Cyanide concentrations have shown a stable to slightly increasing trend since 2013. Per the Shallow Groundwater Elevation Map attached as Figure 4, A4-MW-9 functions as a sentinel well reflecting upgradient conditions emanating from off-site on the adjacent Steelfields III site and migrating onto the Site.

3.2.2.5 A4-MW-10

Benzene remains parameter of interest at well A4-MW-10. Benzene was detected in monitoring well A4-MW-10 in October 2024 at a concentration slightly above (5.2 µg/L) the Class GA GWQS. Concentrations of benzene have exceeded Class GA GWQS for 5 of the past 7 monitoring periods.

Groundwater monitoring activities will continue in the future following the annual schedule in accordance with the SMP. The next groundwater sampling event is tentatively scheduled for Summer/Fall 2025.

3.3 ORC WELL DECOMMISSIONING

Consistently low pH conditions in the Site ORC application wells (A4-ORC-1, A4-ORC-2, A4-ORC-3) were likely inhibiting biodegradation of residual BTEX in the unexcavated soils, found at approximately 8 to 12 feet below grade at the ORC well locations, since the design target pH for aerobic biodegradation is 6.0 to 8.5. Historic (2007-2023) ORC field parameter monitoring results are presented in Table II, which shows pH ranging from 1.4 to 6.13 SU over time and most recently 3.43 to 5.16 SU in September 2023. Due to this likely inhibition of the ORC biodegradation processes and since human exposure to residual soil contamination is prevented by the Site cover over the area, Haley & Aldrich of New York recommended in 2024 that the NYSDEC approve the discontinuing of ORC sock applications and closing each of the three ORC application wells. On September 3, 2024 the NYSDEC approved (see Appendix B) cessation of monitoring activities at the ORC application within the wells, and requested the ORC wells be decommissioned following guidance presented in NYSDEC Policy CP-43.

In October 2024, the ORC® socks were removed from each of the three Site ORC wells (A4-ORC-1, A4-ORC-2, and A4-ORC-3). Field parameters were not measured within the ORC wells at the time of the sock removals. On March 10, 2025, the three Site ORC wells were decommissioned in general conformance with NYSDEC Policy CP-43. The ORC well decommissioning records are provided in Appendix F.

3.4 SUB-SLAB DEPRESSURIZATION SYSTEM OPERATIONS, MAINTENANCE, AND MONITORING

The ASD system continuously operates at the Site and is monitored monthly by Hydro-Air staff, who record the system vacuum readings and operations data on the maintenance form provided in the NYSDEC-approved SMP. These data are available on-Site. The ASD system and monitoring documentation for the reporting period is provided in Appendix E.

The ASD system was evaluated on April 10, 2025 by Haley & Aldrich of New York as part of the annual Site inspection. The evaluation included confirmation of vacuum measurements at the five existing monitoring points located within the facility. A facility map identifying the locations of each monitoring point and associated magnehelic gage are provided in Appendix E. The monitoring points and operating ranges between January 2010 and March 2025 (measured units are inches of water) are provided below:

- 1 – Server Room (0.90 to 1.6; average = 1.11*; does not include 0.2 reading from June 2024*)
- 2 – SE Corner (1.25 to 1.75; average = 1.48)
- 3 – NE Corner (1.25 to 1.8; average = 1.57)
- 4 – NW Corner (1.0 to 2.0; average = 1.50)
- 5 – SW Corner (1.2 to 1.75; average = 1.56)

Overall, the ASD system operation is consistent with prior operations, observed magnehelic gauge readings are within observed historical operating ranges, and the ASD system appears to be operating acceptably and consistent with its intended function, design and construction.

During the reporting period, two rooftop exhaust fans broke. The Server Room fan malfunctioned in late-June and early-July 2024, and the fan was replaced by Hydro-Air on July 19, 2024. During the April 10, 2025 annual Site inspection visit, a pressure reading of 0 inches of water was observed on the "SW" magnehelic gauge, and Hydro-Air confirmed the roof-top fan was not working. Hydro-Air personnel replaced the "SW" fan on April 24, 2025. Following both fan replacements, monthly magnehelic gauge pressure readings returned to within the historical operating ranges for each gauge.

Although the server room vacuum reading is low, adjustments are not planned. The historical range of the server room gauge between 2010 and 2025 is 0.90-1.6, with an average of 1.11 for the same time period (this does not include the 0.2 reading from June 2024, which was indicative of a broken fan). Server room vacuum readings will continue to be observed in order to assess if there is a decreasing trend of vacuum readings or they continue to remain within the historical range.

3.5 STORMWATER POND MONITORING

Site stormwater pond water quality (pH and temperature) conditions were monitored monthly at four sampling locations (see Figure 2) by Hydro-Air staff using litmus strips (April 2024 through September 2024) or a calibrated pH meter (October 2024 through March 2025). Stormwater pond monitoring data are summarized in Table V.

Due to continued anomalous pH readings in the Northern Embayment and Main Pond, Haley & Aldrich of New York conducted pond pH measurements in mid-October 2024 using a portable pH meter to compare with existing litmus paper readings by Hydro-Air staff (see Section 2.2.2). The results of the comparison indicated that anomalously low pH readings were being recorded using litmus strips, and subsequent measurements were made using a calibrated meter which were consistent with historical data. During the 2024-2025 PRR period, only pH measurements collected with a calibrated meter were used to evaluate pH readings relative to the NYSDEC TOGS 1.1.1 ambient water quality guidance values for protection of public health (pH 6.5-8.5). A calibrated meter is proposed to be used for pond pH measurements during the 2025-2026 PRR monitoring period.

Although measured pH at the Discharge Pipe sampling location ranged from 7.5 to 11.4, pH values within the Northern Embayment and combined Main Pond samples did not exceed the NYSDEC TOGS 1.1.1 ambient water quality guidance values (pH <6.5 or >8.5) during three consecutive months. Because neither the Northern Embayment nor Main Pond samples exceeded the guidance value for three consecutive monitoring events, precautionary measures to mitigate potential for an inadvertent exposure to pond water with pH below 6.5 or above 8.5, as described in the SMP, were not needed.

4. Conclusions and Recommendations

The following are conclusions and recommendations for the Site from the results of monitoring activities completed during the reporting period:

- The existing cover system engineering control is not complete at the Site. Haley & Aldrich of New York, on behalf of Hydro-Air, is working on a Corrective Measures Work Plan (CMWP) detailing the procedures and schedule for placement of cover on an area in the southwestern corner of the Site which did not receive cover during the remediation despite the area not being burdened by either the NiMO or BRPRR easements. The CMWP will also detail how the soils excavated from within the NiMo and/or BRPRR easements by BRPRR and placed in piles on the covered portion of the Site will be appropriately characterized and either re-used on-Site or disposed of off-site.
- The remaining engineering and institutional controls were operated and maintained during the reporting period. Hydro-Air intends to continue monitoring the concrete cracks and expansion joints in the manufacturing floor and plans to fill floor cracks greater than ¼-inch in width, and expansion joints enlarged beyond ½-inch in width.
- The Environmental Easement remains in place. Groundwater has not been used at the Site during the reporting period. Site land use has remained for industrial use only during the reporting period.
- Groundwater monitoring results indicate benzene, cyanide and arsenic continue to remain parameters of interest at selected Site groundwater monitoring wells.
- ORC applications at Site ORC wells A4-ORC-1, A4-ORC-2, A4-ORC-3 were discontinued in October 2024, and the three ORC wells were decommissioned in general conformance with NYSDEC Policy CP-43.
- Carbon dioxide was discontinued as a field parameter measured during purging of Site perimeter monitoring wells during annual groundwater monitoring activities, as the carbon dioxide values were not anticipated to reflect the potential for aerobic bioremediation of volatile organic constituents in Site groundwater.

References

1. Corrective Measures Work Plan, Hydro-Air Components, Inc. Site (formerly Steelfields Area IV), 100 Rittling Boulevard, Buffalo, New York 14420, NYSDEC BCP Site #C915204, prepared by Haley & Aldrich of New York, dated 29 March 2024.

2. Division of Water Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, prepared by NYSDEC, dated June 1998.

3. Final Engineering Report for Hydro-Air Components, Inc., Former Steelfields Area IV, Voluntary Cleanup Program & Brownfields Cleanup Program, NYSDEC BCP Site #C915204, prepared by TurnKey Environmental Restoration, LLC., dated November 2007.

4. Site Management Plan for Hydro-Air Components, Inc., Former Steelfields Area IV Parcel, Brownfields Cleanup Program, NYSDEC Site #C915204, prepared by TurnKey Environmental Restoration, LLC., dated November 2007, amended 25 March 2014.

TABLES

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-5R																	
Sample Date	Quality Standards	6/25/2007	2/1/2008	6/2/2008	6/25/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/7/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Inorganic Compounds (ug/L)																			
Arsenic, Total	25	ND (20)	ND (20)	**21**	**19.1**	**11.5**	**7.9 J**	**14**	**17**	ND (15)	**5.8 J**	**5.9 J**	ND (15)	ND (15)	ND (15)	**6.61**	**8.2**	**8.33**	**11.01**	**12.47**
Chromium, Total	50	ND (10)	ND (10)	ND (10)	**1.8 J**	**2.1 J**	**1.7 J**	**4.1**	**1.6 J**	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	**1 J**	**0.98 J**	**0.77 J**	**0.51 J**	**3.41**	**2.12**
Lead, Total	25	ND (5)	ND (5)	ND (5)	ND (5)	ND (3)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	**3.7 J**	**3.6 J**	ND (10)	ND (10)	**0.7 J**	**0.36 J**	ND (1)	**3.51**	**1.53**
Other																				
Alkalinity, Total (as CaCO3) (ug/L)	-	-	-	-	-	-	-	-	-	-	**508000 B**	**555000 B**	**379000**	**433000 B**	**272000**	**420000**	**438000**	**436000**	**510000**	**567000**
Cyanide (ug/L)	200	**165**	**400** [A]	**490** [A]	**103**	**482** [A]	**560** [A]	**680** [A]	**260** [A]	**340** [A]	**530** [A]	**920** [A]	**630** [A]	**680** [A]	**470** * [A]	**350** [A]	**465** [A]	**671** [A]	**379** [A]	**1520** [A]
pH (lab), Total (SU)	-	-	-	**7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																				
1,1,1-Trichloroethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
1,1,2-Trichloroethane	1	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (1.5)	-	-	-	-
1,1-Dichloroethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,1-Dichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
1,2,3-Trichlorobenzene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2,4-Trichlorobenzene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2,4-Trimethylbenzene	5	-	-	**18** [A]	**3.8 J**	**3.8 J**	**18** [A]	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
1,2-Dichlorobenzene	3	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2-Dichloroethane	0.6	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
1,2-Dichloropropane	1	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (1)	-	-	-	-
1,3,5-Trimethylbenzene	5	-	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,3-Dichlorobenzene	3	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,4-Dichlorobenzene	3	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,4-Dioxane	-	-	-	-	ND (200)	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	50	ND (10)	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	50	-	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	5	-	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Acetone	50	**6.7 J**	ND (50)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Benzene	1	ND (1)	**7.1** [A]	**8.3** [A]	**5.4** [A]	**8.2** [A]	**13** [A]	ND (10)	**0.6 J**	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	**8.4** [A]	**7.1** [A]	ND (0.5)	**1.3** [A]	**8.8** [A]
Bromodichloromethane	50	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Bromoform	50	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Bromomethane (Methyl Bromide)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Carbon disulfide	60	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Carbon tetrachloride	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Chlorobenzene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chlorobromomethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chloroethane	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chloroform (Trichloromethane)	7	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chloromethane (Methyl Chloride)	5	-	ND (2.5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
cis-1,2-Dichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
cis-1,3-Dichloropropene	0.4	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Cyclohexane	-	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Cymene (p-Isopropyltoluene)	5	-	-	ND (1)	ND (5)	ND (1.6)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Dibromochloromethane	50	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Ethylbenzene	5	ND (50)	**3.1**	**4.4**	**3.5 J**	ND (3.7)	**9.1** [A]	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Isopropylbenzene (Cumene)	5	-	ND (1)	ND (1)	ND (5)	ND (4)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
m,p-Xylenes	5	-	-	**9.5** [A]	ND (10)	-	-	ND (20)	**0.75 J**	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methyl acetate	-	-	ND (20)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-5R																	
Sample Date	Quality Standards	6/25/2007	2/1/2008	6/2/2008	6/25/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/7/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Methyl Tert Butyl Ether (MTBE)	10	-	ND (1)	ND (1)	ND (5)	ND (0.8)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methylcyclohexane	-	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Methylene chloride (Dichloromethane)	5	-	ND (5)	-	**3 J**	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Naphthalene	10	-	-	**940** [A]	**28** [A]	**29** [A]	**420** [A]	ND (10)	**14** [A]	ND (1)	**2.9**	ND (1)	ND (1)	ND (1)	**0.5 J**	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
n-Butylbenzene	5	-	-	ND (1)	ND (5)	ND (3.2)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
n-Propylbenzene	5	-	-	-	ND (5)	ND (3.4)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
o-Xylene	5	-	-	**16** [A]	ND (5)	-	-	ND (10)	**0.9 J**	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Styrene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
tert-Butylbenzene	5	-	-	ND (1)	ND (5)	ND (4)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Toluene	5	ND (100)	ND (5)	**1.6**	ND (5)	ND (2.6)	ND (5)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2.5)	**0.72 J**	ND (2.5)	ND (2.5)	ND (2.5)
trans-1,2-Dichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Trichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Trichlorofluoromethane (CFC-11)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Trifluorotrichloroethane (Freon 113)	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Vinyl chloride	2	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (1)	-	-	-	-
Xylene (Total)	5	ND (5)	**32** [A]	-	ND (10)	-	-	ND (20)	**1.7 J**	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	-	-	-	ND (2.5)

Notes:
1. Results in **bold** were detected.
2. [A] - Results in red exceed NYSDEC Ambient Water Quality Standards and Guidance Values - Class GA
3. Laboratory Qualifiers definitions:
ND - Not detected above the reporting limit
J - Estimated value

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-7R																	
Sample Date	Quality Standards	6/25/2007	1/31/2008	6/2/2008	6/25/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/26/2018	12/19/2019	8/6/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Inorganic Compounds (ug/L)																			
Arsenic, Total	25	**9.1**	ND (20)	**29** [A]	ND (50)	ND (5.6)	ND (10)	**12**	**11**	**7.3 J**	ND (15)	ND (15)	ND (15)	ND (15)	ND (75)	**5.19**	**3.64**	**4.24**	**4.38**	**4.19**
Chromium, Total	50	**11**	ND (10)	**21**	ND (20)	ND (0.9)	ND (4)	**11**	ND (20)	**9**	**8.2 J**	**7.3**	**6.3 J**	**6.5 J**	ND (20)	**3.29**	**1.95**	**2**	**1.78**	**2.24**
Lead, Total	25	**7.6**	**6.2**	**17**	ND (5)	**4.4 J**	ND (5)	**27** [A]	**23**	ND (50)	ND (50)	**17**	**13 J**	ND (200)	ND (50)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Other																				
Alkalinity, Total (as CaCO3) (ug/L)	-	-	-	-	-	-	-	-	-	-	**28300**	ND (10000)	ND (10000)	**158000 B**	**43800 B**	**230000**	**258000**	**164000**	**220000**	**189000**
Cyanide (ug/L)	200	**42.9**	**100**	**41**	**39.4**	**64**	**240** [A]	**49**	**91**	**550** [A]	**14**	**66**	**89**	**33**	**74**	**500** [A]	**147**	**419** [A]	**303** [A]	**342** [A]
pH (lab), Total (SU)	-	-	-	**6.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																				
1,1,1-Trichloroethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
1,1,2-Trichloroethane	1	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (1.5)	-	-	-	-
1,1-Dichloroethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,1-Dichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
1,2,3-Trichlorobenzene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2,4-Trichlorobenzene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2,4-Trimethylbenzene	5	-	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
1,2-Dichlorobenzene	3	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2-Dichloroethane	0.6	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
1,2-Dichloropropane	1	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (1)	-	-	-	-
1,3,5-Trimethylbenzene	5	-	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,3-Dichlorobenzene	3	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,4-Dichlorobenzene	3	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,4-Dioxane	-	-	-	-	ND (200)	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	50	**2.8 J**	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	50	-	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	5	-	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Acetone	50	**11 J**	ND (50)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Benzene	1	**16** [A]	ND (1)	**7.9** [A]	**3.6 J** [A]	**6.4** [A]	**2.3 J** [A]	**3.6 J** [A]	ND (5)	**2.3 J** [A]	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	**140** [A]	**17** [A]	ND (0.5)	**5.7** [A]	**24** [A]
Bromodichloromethane	50	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Bromoform	50	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Bromomethane (Methyl Bromide)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Carbon disulfide	60	-	**3.1**	-	**20**	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Carbon tetrachloride	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Chlorobenzene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chlorobromomethane	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chloroethane	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chloroform (Trichloromethane)	7	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chloromethane (Methyl Chloride)	5	-	ND (2.5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
cis-1,2-Dichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
cis-1,3-Dichloropropene	0.4	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Cyclohexane	-	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Cymene (p-Isopropyltoluene)	5	-	-	ND (1)	ND (5)	ND (1.6)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Dibromochloromethane	50	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Ethylbenzene	5	ND (50)	ND (1)	ND (1)	ND (5)	ND (3.7)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Isopropylbenzene (Cumene)	5	-	ND (1)	ND (1)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
m,p-Xylenes	5	-	-	ND (2)	ND (10)	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	**0.97 J**	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methyl acetate	-	-	ND (20)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-

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HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-7R																		
Sample Date	Quality Standards	6/25/2007	1/31/2008	6/2/2008	6/25/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/26/2018	12/19/2019	8/6/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Methyl Tert Butyl Ether (MTBE)	10	-	ND (1)	ND (1)	ND (5)	ND (0.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methylcyclohexane	-	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Methylene chloride (Dichloromethane)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Naphthalene	10	-	-	ND (5)	ND (5)	ND (2.2)	**3.3 J**	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
n-Butylbenzene	5	-	-	ND (1)	ND (5)	ND (3.2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
n-Propylbenzene	5	-	-	-	ND (5)	ND (3.4)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
o-Xylene	5	-	-	ND (1)	ND (5)	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Styrene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
tert-Butylbenzene	5	-	-	ND (1)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Toluene	5	ND (100)	ND (5)	ND (1)	ND (5)	ND (2.6)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	**22** [A]	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
trans-1,2-Dichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Trichloroethene	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (0.5)	-	-	-	-
Trichlorofluoromethane (CFC-11)	5	-	ND (5)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Trifluorotrichloroethane (Freon 113)	5	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Vinyl chloride	2	-	ND (1)	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (1)	-	-	-	-
Xylene (Total)	5	**1.4 J**	ND (3)	-	ND (10)	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	-	ND (2.5)

Notes:
1. Results in **bold** were detected.
2. [A] - Results in red exceed NYSDEC Ambient Water Quality Standards and Guidance Values - Class GA
3. Laboratory Qualifiers definitions:
ND - Not detected above the reporting limit
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TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-8R																		
Sample Date	Quality Standards	6/25/2007	1/31/2008	6/2/2008	6/26/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/7/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Inorganic Compounds (ug/L)																				
Arsenic, Total	25	**24**	**33** [A]	**54** [A]	**39.9** [A]	**36** [A]	**37** [A]	**40** [A]	**34** [A]	**31** [A]	**34** [A]	**35** [A]	**31** [A]	**31** [A]	**25**	**33.88** [A]	**25.08** [A]	**26.59** [A]	**24.16**	**19.42**
Chromium, Total	50	**3.8**	ND (10)	ND (10)	ND (4)	ND (0.9)	ND (4)	**1.7 J**	ND (4)	**1.5 J**	ND (4)	ND (4)	**1.3 J**	ND (4)	ND (4)	**1.2**	**0.74 J**	**0.72 J**	**0.87 J**	ND (10)
Lead, Total	25	ND (5)	**26** [A]	**8.5**	ND (40)	ND (3)	ND (5)	**3.5 J**	ND (5)	ND (10)	**3.3 J**	**7 J**	**4.7 J**	ND (200)	**3.1 J**	ND (1)	ND (1)	ND (1)	ND (1)	ND (10)
Other																				
Alkalinity, Total (as CaCO3) (ug/L)	-	-	-	-	-	-	-	-	-	-	**737000**	**492000 B**	**485000**	**708000 B**	**668000**	**878000**	**645000**	**768000**	**772000**	**855000**
Cyanide (ug/L)	200	**106**	**86**	**94**	**137**	**91.2**	**140**	**140**	**130**	**120**	**120**	**160**	**120**	**140**	**130**	**111**	**106**	**128**	**136**	**189**
pH (lab), Total (SU)	-	-	-	**6.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																				
1,1,1-Trichloroethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
1,1,2-Trichloroethane	1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (150)	-	-	-	-
1,1-Dichloroethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,1-Dichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
1,2,3-Trichlorobenzene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,2,4-Trichlorobenzene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,2,4-Trimethylbenzene	5	-	-	ND (25)	ND (5)	ND (300)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (200)	-	-	-	-
1,2-Dichlorobenzene	3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,2-Dichloroethane	0.6	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
1,2-Dichloropropane	1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (100)	-	-	-	-
1,3,5-Trimethylbenzene	5	-	-	ND (25)	ND (5)	ND (310)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
1,3-Dichlorobenzene	3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,4-Dichlorobenzene	3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (25000)	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	50	ND (10)	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	ND (500)	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	ND (500)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	5	-	-	ND (25)	ND (5)	ND (300)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500) F2	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	ND (500)	-	-	-	-
Acetone	50	ND (50)	ND (50)	-	-	-	-	-	-	-	-	-	-	-	-	ND (500)	-	-	-	-
Benzene	1	**26000 D** [A]	**20000** [A]	**19000** [A]	**25000** [A]	**32000** [A]	**33000** [A]	**32000** [A]	**27000** [A]	**23000** [A]	**25000** [A]	**24000** [A]	**22000** [A]	**18000** [A]	**8100** [A]	**12000** [A]	**13000** [A]	**11000** [A]	**8500** [A]	**7400** [A]
Bromodichloromethane	50	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Bromoform	50	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (200)	-	-	-	-
Bromomethane (Methyl Bromide)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Carbon disulfide	60	-	**3.1**	-	-	-	-	-	-	-	-	-	-	-	-	ND (500)	-	-	-	-
Carbon tetrachloride	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Chlorobenzene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Chlorobromomethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Chloroethane	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Chloroform (Trichloromethane)	7	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Chloromethane (Methyl Chloride)	5	-	ND (2.5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
cis-1,2-Dichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
cis-1,3-Dichloropropene	0.4	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Cyclohexane	-	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (1000)	-	-	-	-
Cymene (p-Isopropyltoluene)	5	-	-	ND (25)	ND (5)	ND (120)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
Dibromochloromethane	50	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (500)	-	-	-	-
Ethylbenzene	5	**38 J** [A]	ND (1)	**25** [A]	**33** [A]	ND (300)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500) F2	ND (50)	ND (500)	ND (200)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
Isopropylbenzene (Cumene)	5	-	ND (1)	ND (25)	**2.9 J**	ND (320)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500) F1	ND (50)	ND (500)	ND (200)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
m,p-Xylenes	5	-	-	ND (50)	-	-	-	ND (1000)	ND (1000)	ND (1000)	ND (1000)	ND (1000)	ND (100)	ND (1000)	ND (400)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
Methyl acetate	-	-	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-	ND (200)	-	-	-	-

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-8R																		
Sample Date	Quality Standards	6/25/2007	1/31/2008	6/2/2008	6/26/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/7/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Methyl Tert Butyl Ether (MTBE)	10	-	ND (1)	ND (25)	ND (5)	ND (64)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
Methylcyclohexane	-	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (1000)	-	-	-	-
Methylene chloride (Dichloromethane)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Naphthalene	10	-	-	ND (120)	ND (5)	ND (170)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
n-Butylbenzene	5	-	-	ND (25)	ND (5)	ND (260)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500) F2	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
n-Propylbenzene	5	-	-	-	ND (5)	ND (280)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500) F2	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
o-Xylene	5	-	-	ND (25)	-	-	-	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
Styrene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
tert-Butylbenzene	5	-	-	ND (25)	ND (5)	ND (320)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500) F2	ND (50)	ND (500)	ND (200)	-	ND (250)	ND (250)	ND (250)	ND (250)
Tetrachloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Toluene	5	**60 J** [A]	ND (5)	ND (25)	**3.8 J**	ND (200)	ND (100)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (50)	ND (500)	ND (200)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)
trans-1,2-Dichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Trichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Trichlorofluoromethane (CFC-11)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Trifluorotrichloroethane (Freon 113)	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (250)	-	-	-	-
Vinyl chloride	2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (100)	-	-	-	-
Xylene (Total)	5	ND (5)	ND (3)	-	**5.8 J** [A]	-	-	ND (1000)	ND (1000)	ND (1000)	ND (1000)	ND (1000)	ND (100)	ND (1000)	ND (400)	-	-	-	-	ND (250)

Notes:
1. Results in **bold** were detected.
2. [A] - Results in red exceed NYSDEC Ambient Water Quality Standards and Guidance Values - Class GA
3. Laboratory Qualifiers definitions:
ND - Not detected above the reporting limit
J - Estimated value

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-9																	
Sample Date	Quality Standards	6/25/2007	1/31/2008	6/2/2008	6/26/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/7/2020	7/12/2021	7/28/2022	9/18/2023	10/25/2024
Inorganic Compounds (ug/L)																			
Arsenic, Total	25	34 [A]	ND (20)	ND (400)	ND (50)	ND (27.8)	**20**	26 [A]	ND (10)	**7.2 J**	ND (15)	**5.6 J**	ND (15)	ND (15)	ND (15)	**18.22**	**8.58**	**12.74**	**15.07**	**10.99**
Chromium, Total	50	170 [A]	**21**	390 [A]	84.3 [A]	68.4 [A]	**30**	**22**	**1.7 J**	**1.3 J**	ND (4)	ND (4)	ND (4)	**1.4 J**	ND (4)	**4.14**	**1.37**	**2.06**	**3.5**	**1.99 J**
Lead, Total	25	28 [A]	590 [A]	160 [A]	**12 J**	**16.3 J**	**13**	53 [A]	ND (5)	ND (10)	ND (10)	**4.6 J**	ND (10)	ND (200)	ND (10)	**0.6 J**	ND (1)	ND (1)	ND (1)	ND (10)
Other																			
Alkalinity, Total (as CaCO3) (ug/L)	-	-	-	-	-	-	-	-	-	-	**312000**	**303000**	**364000**	**226000 B**	**359000**	**320000**	**390000**	**364000**	**296000**	**288000**
Cyanide (ug/L)	200	4600 [A]	2700 [A]	4200 [A]	1770 [A]	3610 [A]	7000 [A]	4300 [A]	**190**	280 [A]	250 [A]	420 [A]	450 [A]	1400 [A]	**140**	1760 [A]	896 [A]	2620 [A]	2570 [A]	2440 [A]
pH (lab), Total (SU)	-	-	-	**3.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,1,2-Trichloroethane	1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (7.5)	-	-	-	-
1,1-Dichloroethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,1-Dichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2,3-Trichlorobenzene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,2,4-Trichlorobenzene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,2,4-Trimethylbenzene	5	-	-	ND (100)	ND (10)	ND (150)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,2-Dichlorobenzene	3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,2-Dichloroethane	0.6	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
1,2-Dichloropropane	1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
1,3,5-Trimethylbenzene	5	-	-	ND (100)	ND (10)	ND (150)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
1,3-Dichlorobenzene	3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,4-Dichlorobenzene	3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (1200)	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	50	ND (10)	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	ND (25)	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	ND (25)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	5	-	-	ND (100)	ND (10)	ND (150)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	ND (25)	-	-	-	-
Acetone	50	660 J [A]	ND (50)	-	-	-	-	-	-	-	-	-	-	-	-	ND (25)	-	-	-	-
Benzene	1	18000 D [A]	9400 [A]	13000 [A]	18000 [A]	18000 [A]	13000 [A]	11000 [A]	72 [A]	93 [A]	90 [A]	90 [A]	150 [A]	260 [A]	ND (5)	590 [A]	18 [A]	220 [A]	**0.88**	**1**
Bromodichloromethane	50	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Bromoform	50	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Bromomethane (Methyl Bromide)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Carbon disulfide	60	-	**4.2**	-	-	-	-	-	-	-	-	-	-	-	-	**5 J**	-	-	-	-
Carbon tetrachloride	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Chlorobenzene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Chlorobromomethane	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Chloroethane	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Chloroform (Trichloromethane)	7	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Chloromethane (Methyl Chloride)	5	-	ND (2.5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
cis-1,2-Dichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
cis-1,3-Dichloropropene	0.4	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Cyclohexane	-	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Cymene (p-Isopropyltoluene)	5	-	-	ND (100)	ND (10)	ND (62)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
Dibromochloromethane	50	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (25)	-	-	-	-
Ethylbenzene	5	ND (50)	ND (1)	ND (100)	ND (10)	ND (150)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (12)	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
Isopropylbenzene (Cumene)	5	-	ND (1)	ND (100)	ND (10)	ND (160)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (12)	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
m,p-Xylenes	5	-	-	ND (200)	-	-	-	ND (400)	ND (2)	ND (2)	ND (4)	ND (4)	ND (4)	ND (4)	ND (10)	ND (12)	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
Methyl acetate	-	-	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-9																		
Sample Date	Quality Standards	6/25/2007	1/31/2008	6/2/2008	6/26/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/7/2020	7/12/2021	7/28/2022	9/18/2023	10/25/2024
Methyl Tert Butyl Ether (MTBE)	10	-	ND (1)	ND (100)	ND (10)	ND (32)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (12)	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
Methylcyclohexane	-	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (50)	-	-	-	-
Methylene chloride (Dichloromethane)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Naphthalene	10	-	-	ND (500)	ND (10)	ND (87)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
n-Butylbenzene	5	-	-	ND (100)	ND (10)	ND (130)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
n-Propylbenzene	5	-	-	-	ND (10)	ND (140)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
o-Xylene	5	-	-	ND (100)	-	-	-	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (12)	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
Styrene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
tert-Butylbenzene	5	-	-	ND (100)	ND (10)	ND (160)	ND (5)	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	-	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Toluene	5	**230 J [A]**	**11 [A]**	**160 [A]**	**270 [A]**	**280 [A]**	**150 [A]**	ND (200)	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (12)	ND (2.5)	ND (5)	ND (2.5)	ND (2.5)
trans-1,2-Dichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Trichloroethene	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (2.5)	-	-	-	-
Trichlorofluoromethane (CFC-11)	5	-	ND (5)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Trifluorotrichloroethane (Freon 113)	5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (12)	-	-	-	-
Vinyl chloride	2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	ND (5)	-	-	-	-
Xylene (Total)	5	ND (5)	ND (3)	-	ND (20)	-	-	ND (400)	ND (2)	ND (2)	ND (4)	ND (4)	ND (4)	ND (4)	ND (10)	-	-	-	-	ND (2.5)

Notes:
1. Results in **bold** were detected.
2. [A] - Results in red exceed NYSDEC Ambient Water Quality Standards and Guidance Values - Class GA
3. Laboratory Qualifiers definitions:
ND - Not detected above the reporting limit
J - Estimated value

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-10																	
Sample Date	Quality Standards	6/25/2007	6/2/2008	6/25/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/6/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Inorganic Compounds (ug/L)																			
Arsenic, Total	25	**6.1**	**26** [A]	**13.1**	**8.3 J**	**7.4 J**	**13**	**8.8 J**	**7.8 J**	**8 J**	**8.9 J**	**11 J**	**10 J**	**43** [A]	**5.47**	**4.33**	**4.38**	**3.95**	**14.9**
Chromium, Total	50	ND (10)	ND (10)	ND (4)	ND (0.9)	ND (4)	**2.1 J**	**2.4 J**	**1.4 J**	ND (4)	ND (4)	ND (4)	ND (4)	**3.6 J**	**0.98 J**	**0.42 J**	**0.46 J**	**0.44 J**	**0.96 J**
Lead, Total	25	ND (5)	ND (5)	ND (5)	ND (3)	ND (5)	ND (5)	ND (5)	**3.7 J**	ND (10)	**5.1 J**	ND (10)	ND (20)	**9.3 J**	**0.92 J**	**0.67 J**	**1.6**	**3.11**	**1.03**
Other																			
Alkalinity, Total (as CaCO3) (ug/L)	-	-	-	-	-	-	-	-	-	**1220000**	**1200000**	**1100000**	**1170000 B**	**1040000**	**854000**	**709000**	**703000**	**926000**	**1200000**
Cyanide (ug/L)	200	**108**	**73**	**35.7**	**51**	**110**	**110**	**96**	**86**	**55**	**88**	**79**	**73**	**61**	**61**	**43**	**34**	**50**	**35**
pH (lab), Total (SU)	-	-	**6.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,1,2,2-Tetrachloroethane	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
1,1,2-Trichloroethane	1	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (6)	-	-	-	-
1,1-Dichloroethane	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,1-Dichloroethene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
1,2,3-Trichlorobenzene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,2,4-Trichlorobenzene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,2,4-Trimethylbenzene	5	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (8)	-	-	-	-
1,2-Dichlorobenzene	3	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,2-Dichloroethane	0.6	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
1,2-Dichloropropane	1	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (4)	-	-	-	-
1,3,5-Trimethylbenzene	5	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,3-Dichlorobenzene	3	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,4-Dichlorobenzene	3	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
1,4-Dioxane	-	-	-	ND (200)	-	-	-	-	-	-	-	-	-	-	ND (1000)	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	50	ND (10)	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (20)	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	50	-	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (20)	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	5	-	ND (1)	ND (5)	ND (3.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	ND (25)	-	-	-	-	-	-	-	-	-	-	ND (20)	-	-	-	-
Acetone	50	**5.8 J**	-	ND (25)	-	-	-	-	-	-	-	-	-	-	**7.4 J**	-	-	-	-
Benzene	1	ND (1)	ND (1)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	**41** [A]	ND (5)	**370** [A]	**9.3** [A]	ND (0.5)	**1.6** [A]	**5.2** [A]
Bromodichloromethane	50	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Bromoform	50	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (8)	-	-	-	-
Bromomethane (Methyl Bromide)	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Carbon disulfide	60	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (20)	-	-	-	-
Carbon tetrachloride	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Chlorobenzene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Chlorobromomethane	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Chloroethane	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Chloroform (Trichloromethane)	7	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Chloromethane (Methyl Chloride)	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
cis-1,2-Dichloroethene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
cis-1,3-Dichloropropene	0.4	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Cyclohexane	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (40)	-	-	-	-
Cymene (p-Isopropyltoluene)	5	-	ND (1)	ND (5)	ND (1.6)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Dibromochloromethane	50	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Dichlorodifluoromethane (CFC-12)	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (20)	-	-	-	-
Ethylbenzene	5	ND (50)	ND (1)	ND (5)	ND (3.7)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Isopropylbenzene (Cumene)	5	-	ND (1)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
m,p-Xylenes	5	-	ND (2)	ND (10)	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methyl acetate	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (8)	-	-	-	-

TABLE I
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HYDROAIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Ambient Water	A4-MW-10																	
Sample Date	Quality Standards	6/25/2007	6/2/2008	6/25/2009	6/28/2010	6/28/2011	7/5/2012	7/1/2013	6/2/2014	6/25/2015	6/22/2016	6/22/2017	6/25/2018	12/19/2019	8/6/2020	7/12/2021	7/27/2022	9/18/2023	10/25/2024
Methyl Tert Butyl Ether (MTBE)	10	-	ND (1)	ND (5)	ND (0.8)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Methylcyclohexane	-	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (40)	-	-	-	-
Methylene chloride (Dichloromethane)	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Naphthalene	10	-	**7.3**	ND (5)	ND (2.2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
n-Butylbenzene	5	-	ND (1)	ND (5)	ND (3.2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
n-Propylbenzene	5	-	-	ND (5)	ND (3.4)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
o-Xylene	5	-	ND (1)	ND (5)	-	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Styrene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
tert-Butylbenzene	5	-	ND (1)	ND (5)	ND (4)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Toluene	5	ND (100)	ND (1)	ND (5)	ND (2.6)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	**40** [A]	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
trans-1,2-Dichloroethene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
trans-1,3-Dichloropropene	0.4	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Trichloroethene	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-
Trichlorofluoromethane (CFC-11)	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Trifluorotrichloroethane (Freon 113)	5	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-
Vinyl chloride	2	-	-	ND (5)	-	-	-	-	-	-	-	-	-	-	ND (4)	-	-	-	-
Xylene (Total)	5	ND (5)	-	ND (10)	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	-	ND (2.5)

Notes:
1. Results in **bold** were detected.
2. [A] - Results in red exceed NYSDEC Ambient Water Quality Standards and Guidance Values - Class GA
3. Laboratory Qualifiers definitions:
ND - Not detected above the reporting limit
J - Estimated value

TABLE II
SUMMARY OF ORC IN-SITU REMEDIATION WELL FIELD PARAMETER MEASUREMENTS
HYDRO-AIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Sample Date	Parameter (Unit):	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH (s.u.)	Temperature (Deg C)	Turbidity (NTU)	Alkalinity (mg/L)	Appearance (visual)
A4-ORC-1	7/12/2007		3110	8.15	235	2.34	22.9	190	38	brown
	2/4/2008		36600	10.49	155	3.78	3.3	23.1	170	yellow-brown
	6/3/2008		34500	7.26	209	3.49	13.6	176	-	yellow-brown
	6/26/2009		28000	1.55	330	5	17	6.17	-	amber
	6/29/2010		28300	0.44	344	4.07	18	9	-	dark amber
	6/28/2011		27300	0.54	58	3.5	17.8	8.2	-	amber
	7/6/2012		26800	0.49	190	2.9	19.9	2.46	-	amber
	7/2/2013		27400	0.67	267	3.01	18.6	3.2	-	amber
	6/3/2014		82790	0.84	-41	6.13	17.1	33.1	-	amber
	6/26/2015		22000	0.95	250	2.93	18.6	1.17	-	amber
	6/23/2016		28000	0.78	227	3.66	16	2.6	-	amber
	6/23/2017		23500	0.81	178	2.83	17.1	0.82	-	amber
	6/26/2018		21270	0.7	39	5.7	16.9	2.53	-	amber
	12/19/2019		26370	3.64	217	5.21	5.6	7.9	-	-
	8/6/2020		22400	1.36	188	3.61	20.54	235	1000	-
	7/7/2021		25800	6.1	220	3.66	14.43	14.3	0	-
	7/28/2022		26600	0.52	238	3.93	16.36	199	1000	-
	9/19/2023		29834	4.6	238.5	3.43	14.4	11.6	1000	green-brown
A4-ORC-2	7/12/2007		3880	9.05	383	1.96	19.1	130	6	brown
	2/4/2008		41700	0.33	358	1.73	6.4	99.8	-	-
	6/3/2008		46500	7.78	387	1.72	14.2	62.3	-	dark brown
	6/26/2009		34500	1	466	4.31	16.1	50.8	-	tan/amber
	6/29/2010		40000	0.46	443	2.64	17.5	5.01	-	amber
	6/28/2011		17800	0.34	352	2.3	16	29.1	-	amber
	7/6/2012		27500	0.53	388	1.4	20.1	11.63	-	dark amber
	7/2/2013		27300	0.32	461	1.81	17.84	18.6	-	amber
	6/3/2014		298800	-0.5	398	2.37	16	19.7	-	amber
	6/26/2015		32100	0.65	355	2.14	17.9	3.27	-	amber
	6/23/2016		34590	0.56	288	3.09	16.6	3.91	-	amber
	6/23/2017		22100	0.56	210	2.68	17.8	0.65	-	amber
	6/26/2018		20580	0.46	318	3.91	16.9	4.8	-	amber
	12/19/2019		23110	4.32	389	2.95	4.8	13.7	-	orange tint
	8/6/2020		27200	0.24	281	3.17	21.93	204	1000	-
	7/7/2021		39400	3.35	238	3.21	17.42	21.8	0	-
	7/28/2022		27700	2.4	325	3.62	17.9	105	1000	-
	9/19/2023		35418	3.67	296.9	3.36	15.6	12.4	1000	green
A4-ORC-3	7/12/2007		3440	9.99	140	2.71	17.9	780	56	brown
	2/4/2008		39700	5.53	263	3.25	7.2	>800	357	-
	6/3/2008		38200	1.05	235	3.45	11.7	92.7	-	yellow-brown
	6/25/2009		32900	0.47	134	5.39	19.72	152	-	orange
	6/29/2010		28000	1.63	174	5.55	15.6	248	-	orange
	6/28/2011		28800	1.95	174	5.75	15.3	87.5	-	orange
	7/6/2012		26900	1.38	296	3.89	18.5	68.9	-	orange
	7/2/2013		19700	0.35	302	4.96	20.5	39	-	amber
	6/3/2014		263200	0.23	241	3.4	17.2	4.7	-	amber
	6/26/2015		21490	0.25	217	4.02	17.5	6.73	-	amber
	6/23/2016		23900	0.2	127	4.07	16	1.7	-	amber
	6/23/2017		21400	0.49	110	5.38	17.2	2.72	-	amber
	6/26/2018		28270	0.13	239	3.21	17.8	1.95	-	amber
	12/19/2019		24270	1.99	41	5.57	7.4	1297	-	red/orange
	8/6/2020		14100	0.85	145	5.13	23.02	201	1000	-
	7/7/2021		17400	8.42	259	4.09	16.28	356	180	-
	7/28/2022		19100	2.98	111	5.46	18.12	>1000	1000	-
	9/19/2023		18687	4.31	93.7	5.16	15.7	24.2	1000	rusty

Notes:
1. EnSol Environmental Solutions, Ltd. conducted the 25 June 2007 sampling event.
2. Haley & Aldrich completed the February and June 2008 groundwater monitoring events.
3. TestAmerica Buffalo conducted the 25-26 June 2009, 28-29 June 2010, 28-29 June 2011, 5-6 July 2012, 1-2 July 2013, 2-3 June 2014, 25-26 June 2015, 22-23 June 2016, 22-23 June 2017, 25-26 June 2018, and 19 December 2019 sampling events. NW Contracting conducted the August 2020, July 2021, July 2022, and September 2023 sampling events.
4. This table has been adapted from the Draft First Semi-Annual Long-Term Groundwater Monitoring Report (June 2007) by Benchmark Environmental Engineering & Science, PLLC.
5. - indicates not analyzed.
6. In-situ remediation wells decommissioned in March 2025. Field parameters not measurements not measured in October 2024.

TABLE III
SUMMARY OF MONITORING WELL FIELD PARAMETER MEASUREMENTS
HYDRO-AIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Sample Date	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH (s.u.)	Temperature (Deg C)	Turbidity (NTU)	Alkalinity (mg/L)	Carbon Dioxide (mg/L)	Appearance (visual)
		na	na	na	6.5-8.5	na	na	na	na	na
A4-MW-5R	6/25/2007	2265	-	70	6.55	15.9	36	-	-	clear
	6/25/2007	2287	-	74	6.61	17.4	22.5	-	-	clear
	2/1/2008	2740	0.41	-73	6.8	6.3	13.5	765	170	-
	6/2/2008	3090	0.37	-142	6.71	12.3	9.4	660	490	orange tint
	6/25/2009	1920	0.3	-48	6.82	16.87	5.86	629	155	lt.brown tint
	6/28/2010	2390	0.37	-39	7.36	18.1	6.42	780	25	tan tint
	6/28/2011	2590	0.65	-183	7.2	15.5	3.2	680	700	slight yellow tint
	7/5/2012	2570	0.92	-22	6.77	19.07	1.36	884	50	-
	7/1/2013	8240	0.53	-7	**6.14**	15.5	3.9	289	42	-
	6/2/2014	858	0.68	37	7.05	16.4	4.41	357	42.5	-
	6/25/2015	1541	0.67	-73	7.18	15.3	2.86	-	125	-
	6/22/2016	1547	0.74	57	7.27	15.2	3.77	-	160	-
	6/22/2017	1022	0.79	142	6.63	15.7	3.29	-	120	-
	6/25/2018	1234	3.2	35	7.39	18	1.8	-	220	-
	12/19/2019	696	6.26	-6	7.43	9.4	3.7	-	-	clear
	8/7/2020	886	0.4	-66	**6.15**	20.61	0	550	-	slight gray
	7/12/2021	869	4.24	-89	7.47	15.13	1.4	397	192	-
	7/27/2022	1130	11.86	-68	7.85	16.65	20.2	500	202	-
	9/18/2023	1411	8.45	-88.6	7.44	16.6	5.46	520	235	-
	10/25/2024	1150	7.96	-171	7.37	16.5	16	-	-	
A4-MW-7R	6/25/2007	3276	-	-73	**6.17**	18	61	-	-	cloudy
	6/25/2007	3150	-	-98	**6.33**	18.1	21.6	-	-	-
	1/31/2008	3280	0.59	-146	6.93	6.5	31.2	340	260	-
	6/2/2008	4290	0.35	-91	**5.97**	11.4	29.8	280	0	orange tint
	6/25/2009	3740	0.15	-40	**6.31**	18.34	19.3	323	425	yellow tint
	6/28/2010	4950	0.11	7	**6.02**	15.8	15.04	420	445	yellow tint
	6/28/2011	4950	0.22	-82	**5.85**	16.6	9.5	400	375	slight sheen in bucket
	7/5/2012	4990	0.45	4	**5.23**	19.4	6.17	289	375	sheen
	7/1/2013	4946	0.34	12	**4.76**	16.02	13.9	289	389	-
	6/2/2014	4726	0.33	-37	**5.61**	14.6	16.45	221	275	-
	6/25/2015	3395	0.31	-5	**5.67**	13.6	3.58	-	275	-
	6/22/2016	5200	0.17	-30	7.1	14.1	2.9	-	300	-
	6/22/2017	3086	0.14	-29	**6.49**	14.4	3.26	-	290	-
	6/26/2018	5105	0.27	-21	7.12	13.5	0.78	-	305	-
	12/19/2019	4507	3.16	12	**5.83**	8.9	16.5	-	-	clear
	8/6/2020	3390	0.43	0.49	**5.69**	15.8	0	310	-	-
	7/12/2021	2600	3.16	-74	6.6	13.38	0	323	200	-
	7/27/2022	3700	3.86	-63	6.84	16.55	2.5	340	184	-
	9/18/2023	3248	2.22	-62.9	6.59	15.8	4.23	360	202	-
	10/25/2024	3100	2.06	-138	6.7	14.6	0	-	-	
A4-MW-8R	6/25/2007	4102	-	-50	**6.38**	17.3	79	-	-	cloudy
	6/25/2007	4001	-	-65	**6.47**	18.4	43.6	-	-	cloudy
	1/31/2008	4630	0.67	-78	**6.31**	7	84.6	748	0	-
	6/2/2008	4840	0.32	-68	**6.02**	12.5	27.5	600	0	clear
	6/26/2009	4670	0.26	56	6.5	16.3	8.54	816	550	clear
	6/28/2010	4730	0.14	-22	6.51	18.8	3.88	840	75	clear
	6/28/2011	4650	0.37	-67	6.84	17	1.5	920	160	clear
	7/5/2012	4510	0.34	-35	**5.87**	19.5	4.2	799	195	-
	7/1/2013	3490	0.21	-6	**5.69**	15.68	1.9	765	175	-
	6/2/2014	3087	0.71	-	**6.49**	16.6	18.91	714	175	-
	6/25/2015	4188	0.71	-40	**6.34**	15.2	3.14	-	180	-
	6/22/2016	4767	0.48	-32	6.59	13.4	1.93	-	195	-
	6/22/2017	2965	0.49	-39	6.51	14	2.66	-	210	-
	6/25/2018	4633	3.96	-65	**6.45**	16.4	4.12	-	210	-
	12/19/2019	4543	5.21	-35	7.12	8.4	4.4	-	-	clear
	8/7/2020	4630	1.3	-49	**5.53**	15.07	0	760	-	slight gray
	7/12/2021	3980	3.85	-57	6.55	12.81	0.5	929	156	slight yellow
	7/27/2022	5730	3.41	-46	6.89	15.62	6	750	162	-
	9/18/2023	5414	2.99	-31	**6.29**	14.3	22	780	183	-
	10/25/2024	5340	1.96	-124	6.37	13.5	0	-	-	

TABLE III
SUMMARY OF MONITORING WELL FIELD PARAMETER MEASUREMENTS
HYDRO-AIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

Location	Sample Date	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH (s.u.)	Temperature (Deg C)	Turbidity (NTU)	Alkalinity (mg/L)	Carbon Dioxide (mg/L)	Appearance (visual)
		na	na	na	6.5-8.5	na	na	na	na	na
A4-MW-9	6/25/2007	11150	-	207	**3.99**	18.5	383	-	-	turbid
	6/25/2007	11200	-	206	**3.96**	18.3	69.3	-	-	turbid
	1/31/2008	8280	0.95	127	**4.23**	6.4	36.7	68	0	-
	6/2/2008	11900	7.93	157	**3.9**	11.4	10.9	60	0	clear
	6/26/2009	9490	0.2	137	**5.91**	15.7	10.05	34	300	yellow tint
	6/28/2010	8700	0.1	83	**4.53**	17.6	4.92	31	315	yellow tint
	6/28/2011	3440	0.24	-42	**5.85**	18.1	5	40	513	clear
	7/5/2012	4820	0.29	-23	**5.15**	21.2	18.9	68	581	-
	7/1/2013	14400	0.12	-20	**6.31**	15.63	5.23	542	289	-
	6/2/2014	1692	0.71	-93	7.15	14.1	12.99	187	542	-
	6/25/2015	1962	0.7	-139	7.48	15.8	2.06	-	485	-
	6/22/2016	2187	0.54	-41	7.71	14.3	3.54	-	495	-
	6/22/2017	2006	0.57	-18	7.36	14.6	3.18	-	285	-
	6/25/2018	4035	2.29	-87	6.8	14.5	2.22	-	525	-
	12/19/2019	1321	6.27	-72	**8.63**	6.2	8.4	-	-	orange tint
	8/7/2020	4290	0.33	-68	**5.8**	19.75	2.5	650	-	gray tint
	7/12/2021	3230	8.01	-103	6.91	12.91	0.4	491	206	-
	7/28/2022	4990	3.7	-88	7.19	14.68	8.4	620	221	-
	9/18/2023	5632	2.92	-55.9	**6.44**	14.1	13.9	700	257	-
	10/25/2024	5470	8.18	-141	6.37	13.8	0	-	-	
A4-MW-10	6/25/2007	3009	-	-81	6.73	16.7	16.9	-	-	clear
	6/25/2007	2931	-	-91	6.88	18.4	22.8	-	-	clear
	6/2/2008	3140	0.46	-24	6.4	11.1	43	560	422	clear
	6/25/2009	2400	0.15	-5	6.65	17	10.8	969	505	clear
	6/28/2010	2110	0.1	-38	7.13	18	7.5	1100	45	clear
	6/28/2011	2340	0.33	-98	6.88	16.1	5.3	1160	65	clear
	7/5/2012	2440	0.39	-56	**6.41**	19.5	6.54	1105	55	-
	7/1/2013	2820	0.46	7	**6.04**	14.81	6.5	2773	55	-
	6/2/2014	2317	0.39	-111	7.04	17.9	1.68	1105	47	-
	6/25/2015	2440	0.4	-79	6.9	13.1	1.54	-	195	-
	6/22/2016	2986	0.27	-71	7.23	13	0.98	-	200	-
	6/22/2017	2883	0.26	-14	6.82	16.1	3.89	-	210	-
	6/25/2018	3307	3.56	-79	7	16.3	4.86	-	600	-
	12/19/2019	3172	4.35	-49	6.88	7.5	40.6	-	-	orange tint
	8/6/2020	1960	0.53	-80	**6.19**	14.93	12.9	1030	-	clear
	7/12/2021	1310	2.66	-101	7.4	13.47	2.9	824	570	-
	7/27/2022	1620	3.13	-132	7.66	15.8	9.7	1000	664	-
	9/18/2023	1979	1.74	-80.8	7.09	15.6	5.31	870	630	-
	10/25/2024	3460	9.95	-120	6.97	13.86	4.4	-	-	

Notes:
1. Benchmark Environmental Engineering & Science conducted the 25 June 2007 sampling event.
2. Haley & Aldrich completed the February and June 2008 groundwater monitoring events.
3. TestAmerica Buffalo conducted the 25-26 June 2009, 28-29 June 2010, 28-29 June 2011, 5-6 July 2012, 1-2 July 2013, 2-3 June 2014, 25-26 June 2015, 22-23 June 2016, 22-23 June 2017, 25-26 June 2018, and 19 December 2019 sampling events.
NW Contracting conducted the August 2020, July 2021, July 2022, September 2023 and October 2024 sampling events.
4. NYSDEC Class "GA" Groundwater Quality Standards (GWQS) as published in NYSDEC Ambient Water Quality Standards/Guidance Values and Groundwater Effluent Limitations (June 1998).
5. na indicates no Class GA GWQS or GV has been established for this compound.
6. - indicates not analyzed.
7. **Bold** results indicate results outside the range of the GWQS/GV.
8. This table has been adapted from the Draft First Semi-Annual Long-Term Groundwater Monitoring Report (June 2007) by Benchmark Environmental Engineering & Science, PLLC.
9. Per the SMP, alkalinity was to be measured as part of annual ORC well field monitoring parameters, but not as part of the field parameters for groundwater collected from perimeter wells that are part of the long-term groundwater monitoring program.
Although alkalinity in each perimeter well sample was measured analytically in October 2024, as presented in Table II, field measurements for alkalinity are not planned during future monitoring activities given the approved decommissioning of the ORC wells

TABLE IV
SUMMARY OF GROUNDWATER DEPTH AND ELEVATION
HYDRO-AIR COMPONENTS, INC
100 RITTLING BLVD
BUFFALO, NEW YORK
NYSDEC SITE #C915204

	AREA IV - Monitoring Wells										AREA IV - In-Situ Remediation Wells					
Monitoring Location	A4-MW-5R		A4-MW-7R		A4-MW-8R		A4-MW-9		A4-MW-10		A4-ORC-1		A4-ORC-2		A4-ORC-3	
TOR Elevation[1] (fmsl)	584.23		584.95		586.53		587.1		586.55		584.75		585.11		585.06	
Total Depth[2] (fbTOR)	11.55		13.6		15.2		13.4		15.6		14.4		14.62		14.3	
	DTW	GW Elev	DTW	GW Elev	DTW	GW Elev	DTW	GW Elev	DTW	GW Elev	DTW	GW Elev	DTW	GW Elev	DTW	GW Elev
June/July 2007	4.89	579.34	4.36	580.59	5.51	581.02	7.73	579.37	7.15	579.4	9.27	575.48	6	579.11	6.68	578.38
Jan/Feb 2008	4.47	579.76	3.52	581.43	5.42	581.11	5.8	581.3	NM	NM	4.53	580.22	6.27	578.84	5.25	579.81
June 2008	4.69	579.54	3.85	581.1	5.3	581.23	6.11	580.99	6.7	579.85	3.97	580.78	3.87	581.24	4.66	580.4
June 2009	4.64	579.59	3.72	581.23	5.16	581.37	6.56	580.54	6.96	579.59	4.39	580.36	2.82	582.29	5.16	579.9
June 2010	4.4	579.83	3.28	581.67	4.6	581.93	4.58	582.52	6.29	580.26	2.6	582.15	1.92	583.19	3.57	581.49
June 2011	4.38	579.85	3.18	581.77	4.49	582.04	4.39	582.71	5.69	580.86	2.65	582.1	0.96	584.15	3.55	581.51
July 2012	5.11	579.12	4.52	580.43	8.2	578.33	4.39	582.71	8.41	578.14	4.66	580.09	2.08	583.03	5.82	579.24
July 2013	4.5	579.73	3.62	581.33	3.74	582.79	4.45	582.65	6.08	580.47	2.91	581.84	1.23	583.88	3.55	581.51
June 2014	4.61	579.62	3.73	581.22	4.99	581.54	4.87	582.23	6.37	580.18	3.53	581.22	1.52	583.59	2.9	582.16
June 2015	4.71	579.52	3.64	581.31	4.98	581.55	4.92	582.18	6.3	580.25	3.53	581.22	1.52	583.59	2.9	582.16
June 2016	4.93	579.3	4.36	580.59	5.73	580.8	6.51	580.59	8.13	578.42	4.65	580.1	2.24	582.87	5.62	579.44
June 2017	4.63	579.6	3.89	581.06	5.24	581.29	5.61	581.49	7.08	579.47	3.81	580.94	1.37	583.74	5.28	579.78
June 2018	4.61	579.62	3.5	581.45	4.89	581.64	5.62	581.48	6.38	580.17	4.95	579.8	1.18	583.93	3.81	581.25
Dec 2019	4.32	579.91	3.05	581.9	4.54	581.99	3.95	583.15	5.7	580.85	2.94	581.81	3.41	581.7	3.03	582.03
Aug 2020	5	579.23	3.6	581.35	5	581.53	6.05	581.05	6.65	579.9	4.42	580.33	1.5	583.61	6	579.06
July 2021	4.81	579.42	3.38	581.57	5	581.53	6.08	581.02	5.99	580.56	4.48	580.27	1.18	583.93	5.92	579.14
July 2022	4.92	579.31	3.91	581.04	5.35	581.18	6.17	580.93	6.7	579.85	4.3	580.45	1.7	583.41	6.05	579.01
Sept 2023	3.85	580.38	3.91	581.04	5.34	581.19	5.9	581.2	6.68	579.87	4.12	580.63	2.52	582.59	5.52	579.54
Oct 2024	5.03	579.2	4.43	580.52	6.21	580.32	7.31	579.79	7.96	578.59	-	-	-	-	-	-

Notes:
1. Elevations at most wells were surveyed on June 5, 2007 and at A4-MW-5R on August 1, 2007 by Niagara Boundary.
2. Total depths measured in September 2023 by NW Contracting personnel.
3. DTW measurements were obtained on January 31, 2008, February 1, 2008, February 4, 2008, June 2, 2008 and June 3, 2008 by Haley & Aldrich of New York, based on surveyed well elevations.
4. June/July 2007 DTW measurements were obtained by Benchmark Environmental Engineering & Science and EnSol Environmental Solutions, Ltd. based on surveyed well elevations.
5. DTW measurements were obtained on June 25, 2009, June 28, 2010, June 28, 2011, July 5, 2012, July 1, 2013, June 2, 2014, June 25, 2015, June 22, 2016, June 22, 2017, 25-26 June 2018, and December 2019 by Test America Buffalo, based on surveyed well elevations.
6. DTW measurements were obtained in August 2020, July 2021, July 2022, September 2023, and October 2024 by NW Contracting.
7. This table has been adapted from the Draft First Semi-Annual Long-Term Groundwater Monitoring Report (June 2007) by Benchmark Environmental Engineering & Science, PLLC.
8. DTW measured in fb TOR. GW Elev shown in (fmsl).
9. In-situ remediation wells decommissioned in March 2025. DTW measurements not taken in October 2024.

Definitions:
DTW = depth to water
fmsl = feet above mean sea level
fbTOR = feet below top of riser
TOR = top of riser
GW Elev = Groundwater Elevation
ORC = oxygen releasing compound
R = replacement well

TABLE V
2024-2025 PRR - STORMWATER POND MONITORING FORM
HYDRO-AIR COMPONENTS, INC.
BUFFALO, NEW YORK
BCP SITE # C915204

In accordance with the Corrective Measures Report (dated 14 December 2012) and the Revised Site Management Plan (dated 25 March 2014) the following pond paramaters have been monitored:

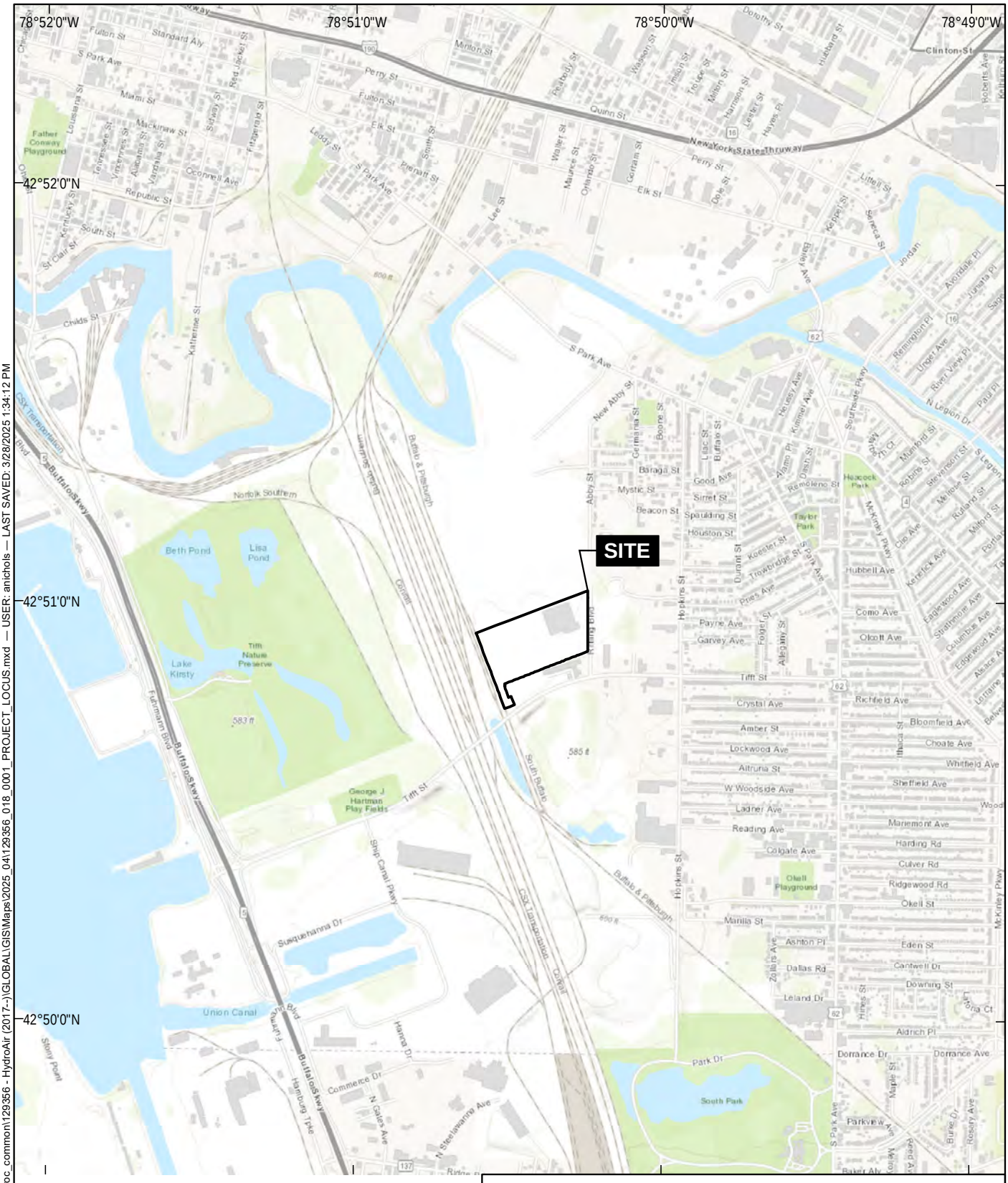
Data Collection Completed By:	Date of Measurment (DD/MM/YR)	Time of Measurement	Estimated Quantity of Water Discharged (Gallons)[3]	Measurement Location						Conditions at Pond (color, vegetation, odor, frozen, etc.)
				Discharge Pipe		Northern Embayment		Main Pond (Combined Sample)[1]		
				pH	Temp (F)	pH	Temp (F)	pH	Temp (F)	
J. Stephens	4/29/2024	9:30 AM	346,600	10.0	56	6.0	56	6.0	56	
J. Stephens	5/30/2024	9:00 AM	104,800	11.0	60	6.0	54	6.0	57	
J. Stephens	6/28/2024	11:00 AM	85,500	8.0	67	6.0	64	6.0	66	
J. Stephens	7/29/2024	9:00 AM	98,000	8.0	66	6.0	64	6.0	65	
J. Stephens	8/29/2024	2:50 PM	17,400	12.0	71	12.0	70	6.0	72	
J. Stephens	9/25/2024	7:30 AM	41,100	7.0	64	7.0	62	6.0	63	
J. Stephens	10/30/2024	2:30 PM	77,200	9.0	66	7.5	65	8.2	68.5	
J. Stephens	11/30/2024	2:30 PM	80,000	7.5	58	7.0	55	8.0	52.5	
J. Stephens	12/28/2024	2:00 PM	100,000	-	-	-	-	-	-	Frozen
J. Stephens	1/31/2025	1:44 PM	324,300	-	-	-	-	-	-	Frozen
J. Stephens	2/21/2025	6:30 AM	3,600	-	-	-	-	-	-	Frozen
J. Stephens	3/31/2025	1:00 PM	107,400	11.4	64	10.1	54.3	9.0	51.9	
Total Reporting Period Discharge:			1,385,900							

All pH values will be evaluated against the NYSDEC TOGS 1.1.1 ambient water quality guidance values selected for protection of public health.
Exceedance of the guidance value (<6.5 or >8.5) for > 3 consecutive monitoring events (combined Main Pond sample) will trigger enhancements as descirbed in Section IV of the SMP

Notes or Other Observations:

1. Combined sample represents the combination of the sample point at the midpoint of the main pond and the sample point near the pond outlet pipe of the main pond. These pond samples are combined in the field to provide a representative pH value for the main pond area. If separate measurements are recorded for the main pond and outlet pipe, the measurement values are averaged.
2. From April 2024 through September 2024, pH measurements were collected using testing strips. Beginning in October 2024, a calibrated pH meter was used.
3. Water discharged is measured using a Keyence FD-Q clamp-on flow sensor. Presented values represent monthly totals reported by HydroAir personnel. The flow sensor is reset monthly.

FIGURES



HALEY ALDRICH

HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

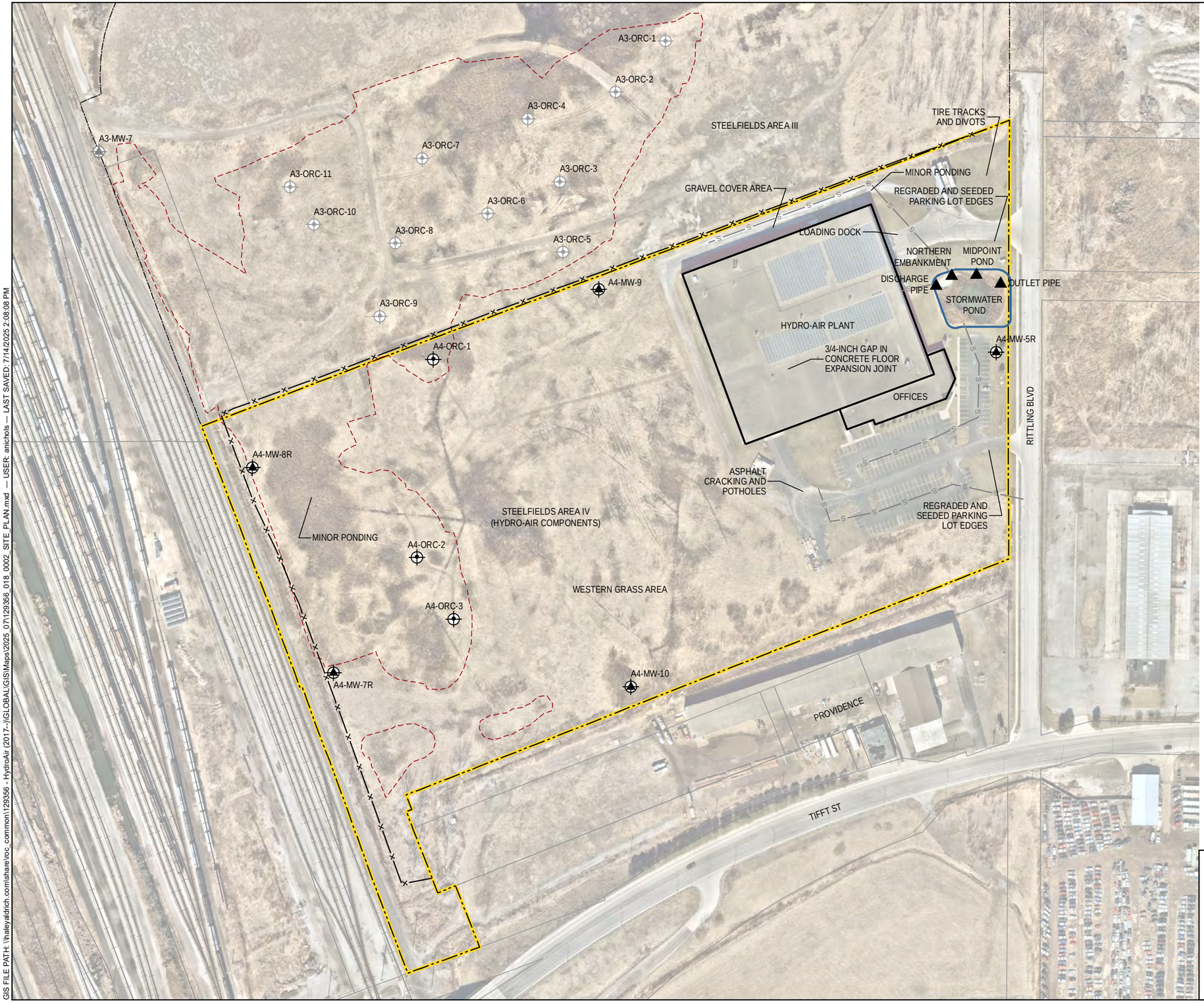
PROJECT LOCUS

MAP SOURCE: ESRI
SITE COORDINATES: 42°50'54"N, 78°50'24"W

APPROXIMATE SCALE: 1 IN = 2000 FT
MARCH 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_04\129356_018_0001_PROJECT_LOCUS.mxd — USER: anichols — LAST SAVED: 3/28/2025 1:34:12 PM



LEGEND

- MONITORING WELL, HYDRO-AIR PROPERTY
- ORC WELL, HYDRO-AIR PROPERTY (DECOMMISSIONED IN MARCH 2025)
- RETENTION POND MONITORING LOCATION
- MONITORING WELL, STEELFIELDS III PROPERTY
- ORC WELL, STEELFIELDS III
- FENCE
- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- RAILROAD
- TAX PARCEL BOUNDARIES
- HYDRO-AIR (STEELFIELDS AREA IV)
- STEELFIELDS AREA III

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. TAX PARCEL DATA SOURCE: ERIE COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2020

N

0 200 400

SCALE IN FEET

HALEY ALDRICH

HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

SITE PLAN

JULY 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_07\129356_018_0002_SITE_PLAN.mxd — USER: anichols — LAST SAVED: 7/14/2025 2:08:08 PM

LEGEND

- MONITORING WELL, HYDRO-AIR PROPERTY
- ORC WELL, HYDRO-AIR PROPERTY (DECOMMISSIONED IN MARCH 2025)
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- FENCE
- RAILROAD
- CURRENT HYDRO-AIR (STEELFIELDS AREA IV) BCP SITE BOUNDARY
- PLACEMENT OF 1-FT COVER REQUIRED AS PART OF CORRECTIVE MEASURES
- REMEDIAL COVER EXISTS, NO ADDITIONAL REMEDIAL COVER PLACEMENT REQUIRED AS PART OF CORRECTIVE MEASURES
- APPROXIMATE AREA BURDENED BY NIMO AND BRPRR EASEMENTS, NO REMEDIAL COVER REQUIRED BY NYSDEC

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. TAX PARCEL DATA SOURCE: ERIE COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 2 APRIL 2023

N

0 120 240
SCALE IN FEET

HALEY ALDRICH

HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

PROPOSED CORRECTIVE MEASURES SITE PLAN

MAY 2025

FIGURE 3

LEGEND

- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- FENCE
- RAILROAD
- TAX PARCEL BOUNDARIES
- CURRENT HYDRO-AIR (STEELFIELDS AREA IV) BCP SITE BOUNDARY
- STEELFIELDS AREA III
- BUILDING
- REMEDIAL COVER ASPHALT OR SOIL ≥1 FOOT
- NO REMEDIAL COVER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. TAX PARCEL DATA SOURCE: ERIE COUNTY
3. AREAL EXTENT OF SITE REMEDIAL COVER BASED ON FIGURE 3-6, "AREA IV – SURFACE COVERAGE, POST-REMEDIAL EXCAVATION AND SOIL COVER RECORD," OF THE 2007 FER," AND FIELD OBSERVATIONS FROM MARCH 2023.
4. AERIAL IMAGERY SOURCE: NEARMAP, 2 APRIL 2023

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

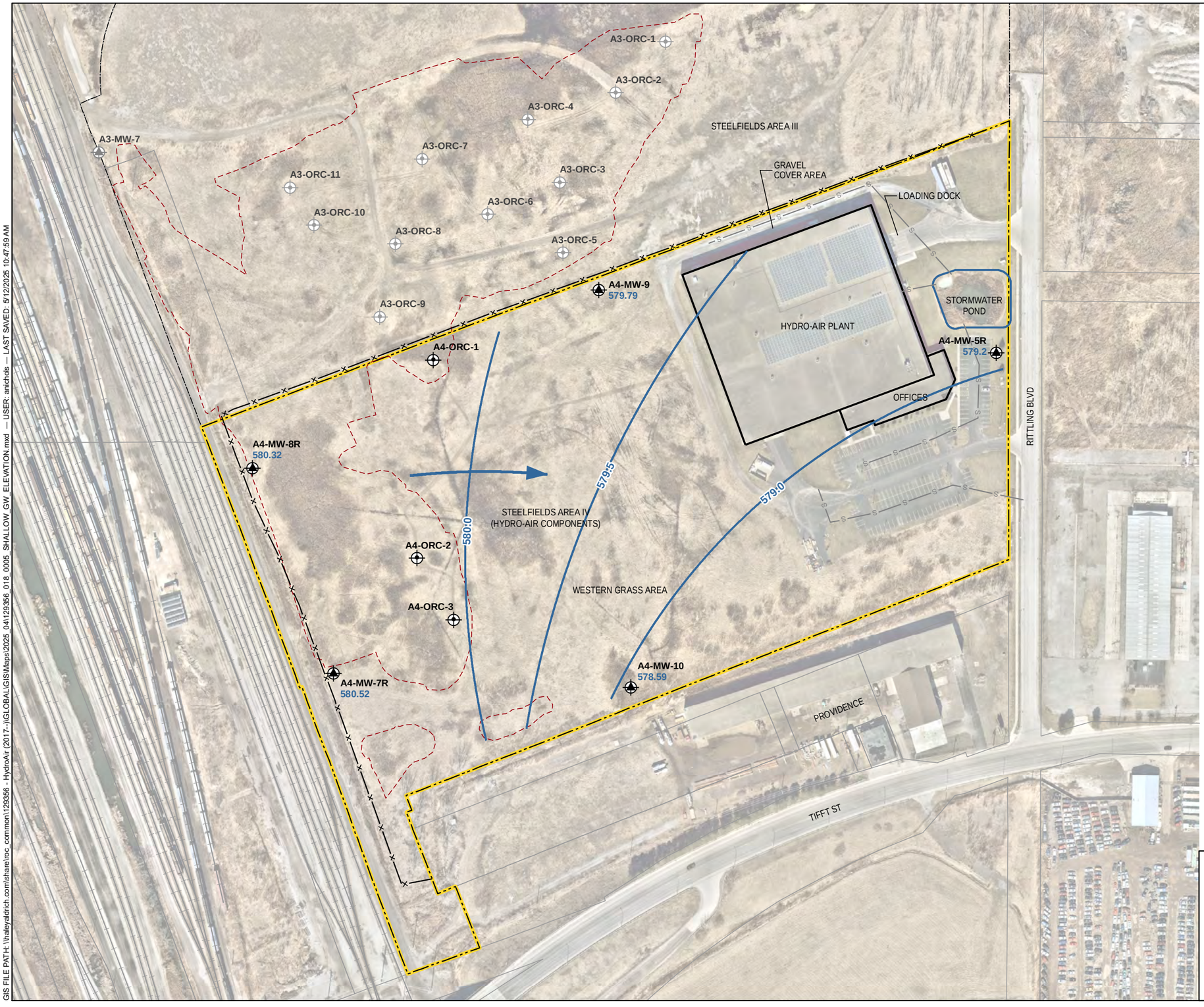
HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

EXISTING SITE COVER SYSTEMS

MAY 2025

FIGURE 4

GIS FILE PATH: \\haleyaldrich.com\share\noc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_04\129356_018_0004_COVER_SYSTEM.mxd — USER: anichols — LAST SAVED: 5/12/2025 10:43:11 AM



LEGEND

- MONITORING WELL, HYDRO-AIR PROPERTY, WITH GROUNDWATER ELEVATION IN FEET
- ORC SOCK WELL, HYDRO-AIR PROPERTY, DECOMMISSIONED IN MARCH 2025
- MONITORING WELL, STEELFIELDS AREA III PROPERTY
- ORC SOCK WELL, STEELFIELDS AREA III PROPERTY
- FENCE
- GROUNDWATER ELEVATION CONTOUR, JULY 2022, IN FEET ABOVE MEAN SEA LEVEL
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- RAILROAD
- TAX PARCEL BOUNDARIES
- HYDRO-AIR (STEELFIELDS AREA IV)
- STEELFIELDS AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ERIE COUNTY
3. GROUNDWATER DEPTHS MEASURED ON 25 OCTOBER 2024.
4. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2020

N

0 200 400
SCALE IN FEET

HALEY ALDRICH

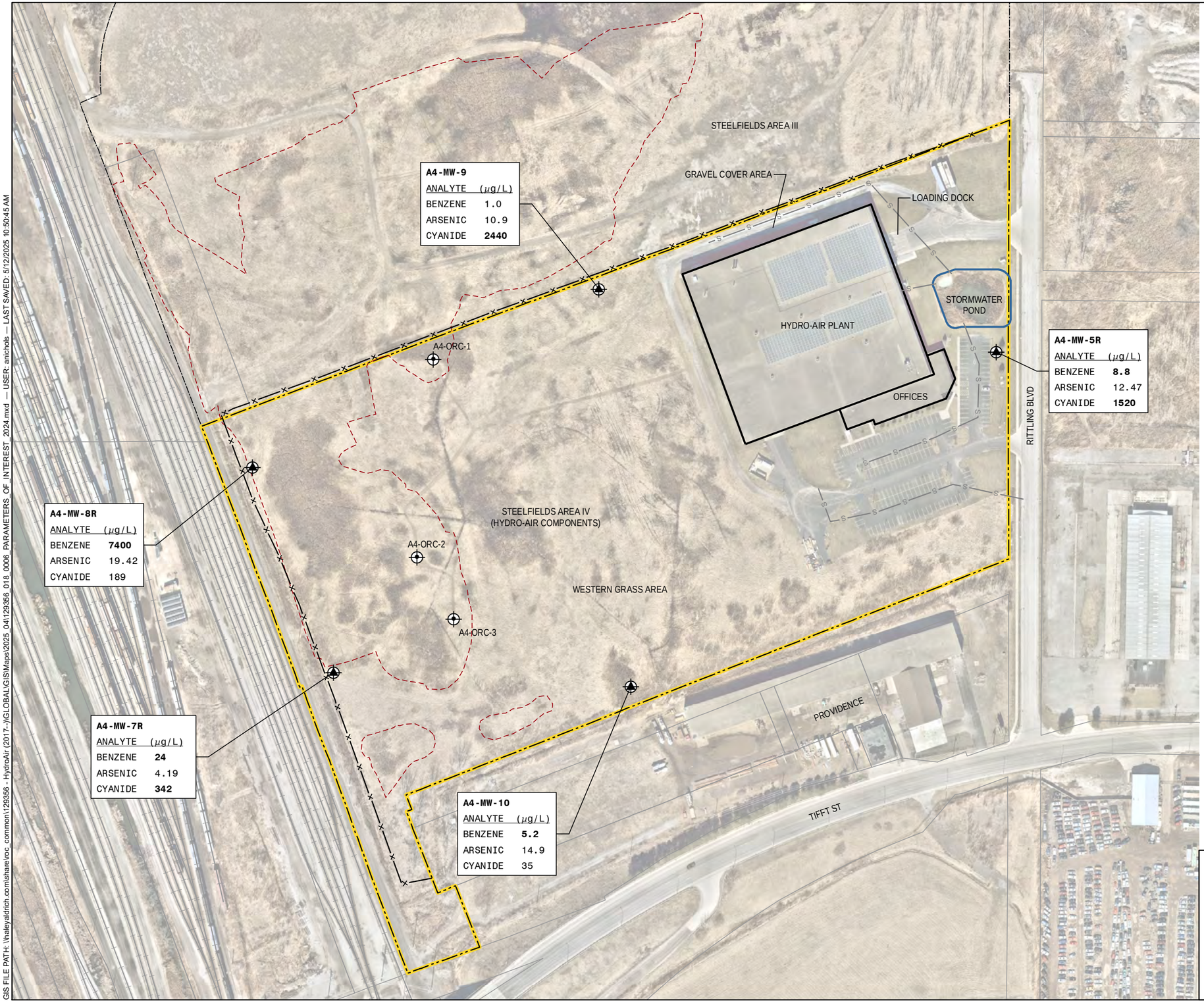
HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

SHALLOW GROUNDWATER ELEVATION MAP OCTOBER 2024

MAY 2025

FIGURE 5

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_04\129356_018_0005_SHALLOW_GW_ELEVATION.mxd — USER: anichols — LAST SAVED: 5/12/2025 10:47:59 AM



LEGEND

- MONITORING WELL, HYDRO-AIR PROPERTY
- ORC WELL, HYDRO-AIR PROPERTY (DECOMMISSIONED IN MARCH 2025)
- FENCE
- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- RAILROAD
- TAX PARCEL BOUNDARIES
- HYDRO-AIR (STEELFIELDS AREA IV)
- STEELFIELDS AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ERIE COUNTY
3. µg/L = MICROGRAMS PER LITER
4. **BOLD** VALUES EXCEED NYSDEC CLASS GA GWQS.
5. ND (0.5) = COMPOUND NOT DETECTED ABOVE INDICATED REPORTING LIMIT
6. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2020

N

0 200 400

SCALE IN FEET

HALEY ALDRICH

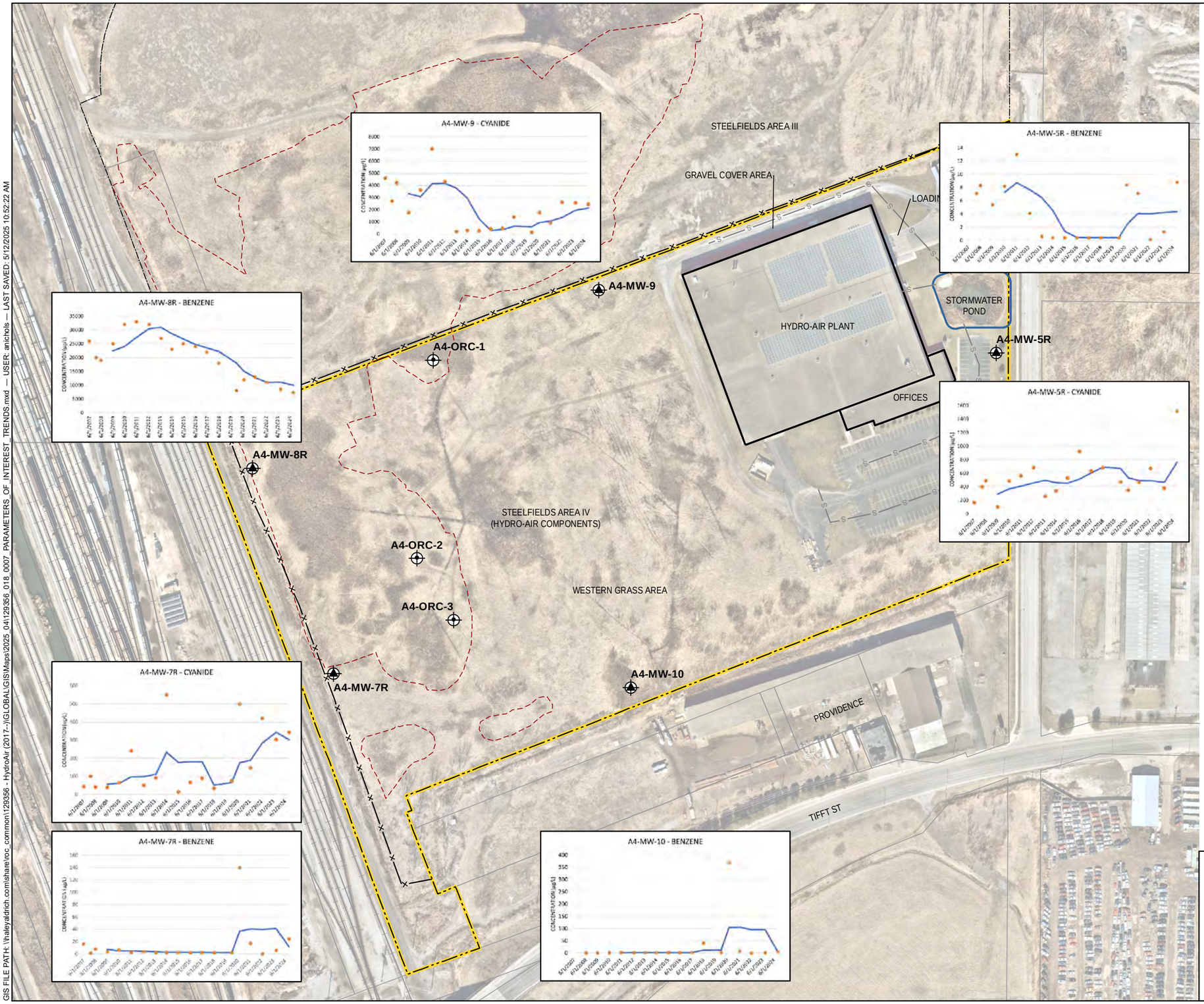
HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

GROUNDWATER PARAMETERS OF INTEREST - OCTOBER 2024

MAY 2025

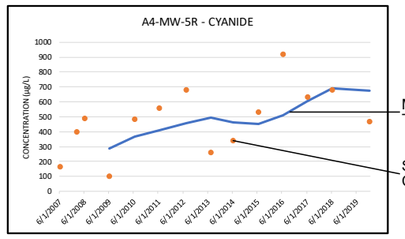
FIGURE 6

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_04\129356_018_0006_PARAMETERS_OF_INTEREST_2024.mxd — USER: anichols — LAST SAVED: 5/12/2025 10:50:45 AM



LEGEND

- MONITORING WELL, HYDRO-AIR PROPERTY
- ORC WELL, HYDRO-AIR PROPERTY (DECOMMISSIONED IN MARCH 2025)
- FENCE
- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- RAILROAD
- TAX PARCEL BOUNDARIES
- HYDRO-AIR (STEELFIELDS AREA IV)
- STEELFIELDS AREA



NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ERIE COUNTY
3. µg/L = MICROGRAMS PER LITER
4. MOVING AVERAGE TRENDLINE REPRESENTS THE AVERAGE OF THE 2025 SAMPLE CONCENTRATION AND THE CONCENTRATIONS IDENTIFIED DURING THE THREE (3) PREVIOUS SAMPLING EVENTS. METHOD DETECTION LIMITS USED IN AVERAGING IF AN ANALYTE WAS NOT DETECTED.
5. AERIAL IMAGERY SOURCE: ESRI

N

0 200 400

SCALE IN FEET

HALEY ALDRICH

HYDRO-AIR COMPONENTS, INC.
100 RITTLING BOULEVARD
BUFFALO, NEW YORK

GROUNDWATER PARAMETERS OF INTEREST HISTORICAL TRENDS

MAY 2025

FIGURE 7

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_04\129356_018_0007_PARAMETERS_OF_INTEREST_TRENDS.mxd — USER: anichols — LAST SAVED: 5/12/2025 10:52:22 AM

APPENDIX A
Institutional and Engineering Controls Certification Form

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

Site Details **Box 1**

Site No. C915204

Site Name Steelfields Area IV

Site Address: 100 Rittling Blvd. Zip Code: 14220
City/Town: Buffalo
County: Erie
Site Acreage: 30.910

Reporting Period: April 14, 2024 to April 14, 2025

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

Box 2

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

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

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

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

Box 2A

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

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

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

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. C915204 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
132.12-1-9.121	Hydro-Air Components, Inc.	Site Management Plan Ground Water Use Restriction Landuse Restriction Soil Management Plan

i) until the remedial goals for the Controlled Property are attained or deemed complete by the Department, the Department-approved Site Management Plan (SMP) for the implemented remedy must be adhered to.

ii) the groundwater beneath the Controlled Property cannot be used as a potable water source or for any other use without prior written permission of the Department.

iii) groundwater monitoring in accordance with the SMP shall continue until the Department determines that continued monitoring is unnecessary.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
132.12-1-9.121	Gasketed stormwater conveyance piping Cover System Vapor Mitigation

i) a soil cover system and vegetation in accordance with the Soil/Fill Management Plan in the SMP shall be maintained over undeveloped portions of the Controlled Property.

ii) an active subslab depressurization system (ASD) to eliminate potential soil vapor intrusion shall be installed, operated and maintained in all new buildings and building additions in accordance with the standards and procedures specified in the SMP, and the ASD already installed in the existing building shall continue to be operated and maintained in accordance with the SMP, unless the Department determines that the ASD is not necessary based on the results of a Department-approved evaluation of potential sub-slab vapor impacts.

~~iii) the in-situ treatment of residual contamination in native soils using oxygen release compounds (ORC) shall be maintained and monitored in accordance with the SMP until the Department determines that continued maintenance and monitoring of ORC is unnecessary.~~

With the NYSDEC's approval, in-situ treatment discontinued and ORC wells abandoned during 2024-2025 PRR period.

iv) in areas of the Controlled Property with known groundwater impacts, storm water injection (drywells) will be prohibited and storm water conveyance pipes will be required to have gasketed joints for water tightness to prevent the infiltration of impacted groundwater into the collection system.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
☐	X

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

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

Signature of Owner, Remedial Party or Designated Representative

5/14/2025
Date

The Department previously established a submittal date of May 17, 2025 for submittal of the Corrective Measures Work Plan. However, coordination with BRPRR regarding potential corrective measures, including TENORM screening and soil characterization activities were delayed. We request an extension for the submittal date for the Corrective Measures Work Plan.

IC CERTIFICATIONS
SITE NO. C915204

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 Robert W. Daigler, Jr (print name) at 100 Rikling Blvd, Bflo, NY 14220 (print business address).

am certifying as Vice President of Finance (Owner or Remedial Party)

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

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

5-14-2025
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 _____ at _____,
print name print business address

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

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

APPENDIX B
NYSDEC Correspondence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 9
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7275
www.dec.ny.gov

September 3, 2024

Robert Daigler
Hydro-Air Components, Inc.
100 Rittling Boulevard
Buffalo, New York 14220

Dear Robert Daigler (as the Certifying Party):

Site Management (SM)
Periodic Review Report (PRR) Response Letter
Steelfields Area IV, Buffalo
Erie County, Site No.: **C915204**

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: April 14, 2022 to April 14, 2024. The Department hereby accepts the PRR, pending receipt of the revised Corrective Measures Work Plan by May 17, 2025. Once corrective measures are complete, a revised IC/EC Certification will need to be submitted.

The frequency of Periodic Reviews for this site is once a year, and your next PRR will be due on May 14, 2025 (Certifying Period of April 14, 2024 to April 14, 2025). 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 and hereby approves ceasing sampling efforts at ORC wells A4-ORC-1, A4-ORC-2, & A4-ORC-3. Please decommission these wells per CP-43 and provide a decommissioning log to the Department. Additionally, the Department approves cessation of carbon dioxide sampling.

Also, the Department concurs with comparing the litmus paper and portable pH meter pH measurements at the stormwater pond. Please provide the Department with the assessment results once complete and also detail in the 2024-2025 PRR.

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

- Include a figure detailing the different cover systems onsite
- Make sure no headspace is within the vials while groundwater sampling

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

MK/ds

ec: Andrea Caprio, P.E., Regional Remediation Engineer, NYSDEC Region 9
Sara Bogardus, Region Chief, Public Health Specialist IV, NYSDOH Albany
Kristin Kulow, Public Health Specialist II, NYSDOH Albany
Glenn White, Haley & Aldrich
Drew Nichols, Haley & Aldrich
Scott Pallotta, Hydro-Air Components, Inc.

APPENDIX C
Inspection Form

Environmental Inspection Form
Operation, Monitoring, & Maintenance Work Plan

Property Name:	Former Steelfields Area IV Site	Project No.:	C915204
Client:	Hydro-Air Components, Inc.		
Property Address:	100 Rittling Blvd.	City, State: Buffalo, NY	Zip Code: 14220
Property ID: (Tax Assessment Map)	Section:	Block:	Lot(s):
Preparer's Name:	Glenn White	Date/Time:	4/10/2025

CERTIFICATION

The results of this inspection were discussed with the owner and/or owner's representative. Any corrective actions required have been identified and noted in this report, and a supplemental Corrective Actions Form has been completed. Proper implementation of these corrective actions have been discussed with the owner, agreed upon, and scheduled.

Preparer / Inspector: Andrew L. Nichols, H&A of New York Engineering and Geology, LLP **Date:** 4/10/2025

Signature:

Next Scheduled Inspection (date): 4/2026

Final Surface Cover / Vegetation

In accordance with the Soil/Fill Management Plan, vegetative or other (eg. Asphalt, buildings, concrete) surface coverage over the entire redeveloped parcel is required by the developer or owner as a pre-condition of occupancy. The following documents the condition of the above.

1. Final Cover is in Place and in good condition?	☐ yes	☒ no	☐ N/A
Cover consists of (mainly): Field grasses, buildings, asphalt parking lot, and asphalt and gravel drives. 1-ft of is not present in the southwest corner of Site, and does not appear present within NiMO and BRPRR Easements.			
2. Evidence of erosion?	☐ yes	☒ no	☐ N/A
3. Cracks visible in pavement?	☒ yes	☐ no	☐ N/A
4. Evidence of distressed vegetation/turf?	☐ yes	☒ no	☐ N/A
5. Evidence of unintended traffic and/or rutting?	☒ yes	☐ no	☐ N/A
6. Evidence of uneven settlement and/or ponding?	☒ yes	☐ no	☐ N/A
7. Damage to any surface coverage?	☒ yes	☐ no	☐ N/A

If yes to any question above, please provide more information below.

See attachment

Property Security & Access

In accordance with the Soil/Fill Management Plan, fencing is required to restrict access in all undeveloped areas and as necessary in redeveloped areas. In addition, all fencing around undeveloped areas will be posted with "No Trespassing" signs.

1. Is access controlled by perimeter fencing?	☐ yes	☒ no	☐ N/A
If not, please note: Site is partially fenced			
2. Is fencing in need of repair?	☒ yes	☐ no	☐ N/A
3. Area access gates in working order?	☐ yes	☐ no	☒ N/A
4. Sufficient signage posted (No Trespassing)?	☒ yes	☐ no	☐ N/A
5. Has there been any noted or reported trespassing?	☒ yes	☐ no	☐ N/A

Please note any irregularities/ changes in site access and security:

Portions of fencing along the western site boundary are falling over. Hydro-Air personnel observed evidence of trespassing during the PRR period. Site perimeter fencing is not a Site engineering control listed in the SMP.

Property Use Changes / Site Development

Has the property usage changed, or site been redeveloped since the last inspection?

☐ yes ☒ no ☐ N/A

If so, please list with date: Property use has not changed since 2006 when HydroAir first occupied the building.

Active Sub-Slab Depressurization System (ASD)

Is there an ASD present on-site?

☒ yes ☐ no ☐ N/A

If yes, is it currently operating?

"SW" fan not operating during 4/10/25 visit replaced on 4/24/25 ☒ yes ☐ no ☐ N/A

Is the ASD annual inspection checklist completed and enclosed?

See attachment ☒ yes ☐ no ☐ N/A

Environmental Inspection Form
Operation, Monitoring, & Maintenance Work Plan

ORC Well Monitoring and Maintenance

Is there ORC mitigation present on-site?

☐ yes ☒ no ☐ N/A

Are the wells currently intact and operational?

Site ORC wells decommissioned in March 2025 ☐ yes ☐ no ☒ N/A

Has regular maintenance and monitoring been documented and enclosed or referenced?

☐ yes ☐ no ☒ N/A

Long-Term Ground Water Monitoring

Is there a plan in place and currently being followed?

☒ yes ☐ no ☐ N/A

Are the wells currently intact and operational?

☒ yes ☐ no ☐ N/A

When was the most recent sampling event report and submittal? Date: Included with 2024-2025 PRR

When is the next projected sampling event? Date: Summer or Fall 2025

New Information

Has any new information been brought to the owner/engineer's attention regarding any and/or all engineering and institutional controls and their operation and effectiveness?

☐ yes ☒ no ☐ N/A

Comments:

This space for Notes and Comments

Please include the following Attachments:

1. Site Sketch
2. Photographs

Site sketch and photographs included in 2024-25 PRR report

Attachment to Page 1 of 2

Coverage in Western Grass Area

As requested by NYSDEC, french drains were installed in May 2008 to minimize ponding observed after the installation of the soil cover in 2007. Minor ponding was observed during the annual 2024-2025 PRR period. Wetland vegetation continues to grow in the western grass area.

Northern Loading Dock

Subsequent to corrective measures that were put into place on 1 December 2012 (per the Corrective Measures Work Plan, approved 29 December 2011 by the Department), water has not accumulated in the northeastern loading dock area. The reconfiguration of the loading dock pump system (setting to automatic pumping and raising the float set-point) enabled sufficient pumping to maintain dry conditions and has sufficiently prevented the surfacing of groundwater in the area. Hydro-Air has continued to monitor the efficacy of these controls regularly throughout the 2024-25 monitoring period.

Gravel Cover Areas

Prior to 2012, evidence of surfacing groundwater from beneath the gravel cover areas on the northern end of the Site was evident (see Figure 2). As a voluntary corrective measure, the gravel cover on the northern portion of the access road was enhanced in 2012 by the placement of additional gravel (an additional 9 to 11 inches). During the 2020-2021 PRR Site inspection on 5 January 2021, standing water was observed in compacted areas on the gravel roadway between the Site building and northern Site boundary following a period of rainfall and snowmelt. This condition was likely related to recent rainfall/snow melt/localized groundwater recharge. To limit the potential for future temporary ponding under similar conditions, Hydro-Air imported approximately 88 tons of #2 crushed limestone to elevate the compacted areas and re-grade the roadway. The crushed stone was imported to the Site on 14 April 2021, per import approval provided by NYSDEC on 24 March 2021. Hydro-Air monitored the road conditions throughout the 2024-2025 reporting period and did not observe unanticipated standing water.

Site Cover System Along Western Boundary Not Maintained

During the 2023 through 2025 site engineering controls inspection, Site areas located west of the fence line extending along the western side of the “western grass area” do not appear to be covered with 12 inches of imported soil/fill as described in the Final Engineering Report (FER) prepared by Benchmark for the Site, dated November 2007. This area includes a 30-foot-wide railroad track easement reserved by the Buffalo, Rochester and Pittsburgh Rail Company (BRPRR) to use, maintain and remove Track T-RB2A(1), and a partially overlapping 40-foot-wide utility easement granted to Niagara Mohawk Power Corporation (NiMo). Waste soil/fill materials, including slag, refractory brick, ash, and/or other anthropogenic fill materials, placed in piles along, and on top of, the fence line east of the NiMo easement which had destroyed lengthy sections of the fence line. The piles of excavated material extended onto the land east of the fence line where 12 inches of imported cover are reportedly present. These piles were reportedly generated during periodic maintenance of a drainage ditch within the BRPRR/NiMo easements conducted by the railroad. It does not appear additional materials were placed on the piles during the 2024-2025 PRR period.

Deteriorating Asphalt Pavement in Parking Lot

During the 2025 site engineering controls inspection, asphalt pavement throughout the Site parking lot exhibited cracking and general deterioration. Documentation in the 2007 FER indicates the parking lot asphalt is underlain at least 1.5 to 2 feet of imported soil fill cover.

Periodic Trespassing

During the April 2025 site engineering controls inspection, evidence of trespassing on the Site was observed, including tire marks and two 6-inch deep divots on a lawn area in the northeast corner the site. While the tire marks appear to have damaged the grass, they did not breach the site cover system. However, the divots extend into the protective cover system and will be repaired by Hydro-Air during the 2025-2026 PRR period. Hydro-Air will continue to monitor for periodic trespassing and will continue to alert law enforcement if such trespassing is observed.

APPENDIX D
Photo Log – 2024-2025 PRR Monitoring Period

PHOTO LOG

Project: 2025 PRR Site Visit
Client: Hydro-Air Components, Inc.

File No: 0129356-018
4/10/2025
Prepared by: Andrew Nichols

Photo 1: Representative office space

Photo 2: Hallway in southeast office space.

Photo 3: Hallway in southeast office space.

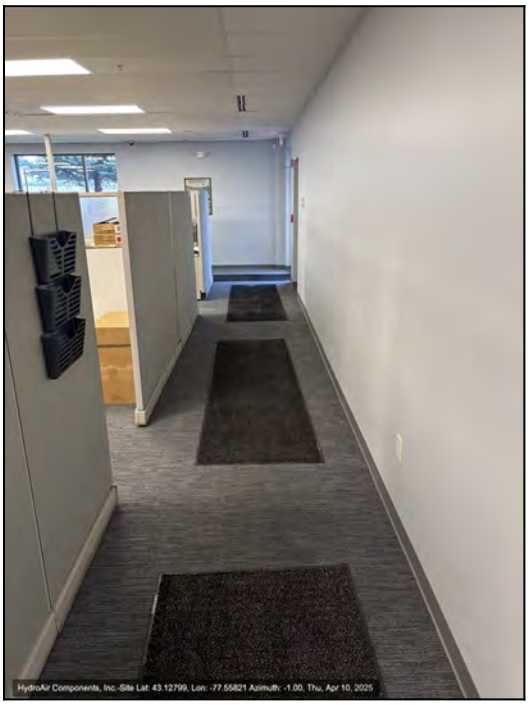


Photo 4: Hallway in southwest portion of office space.

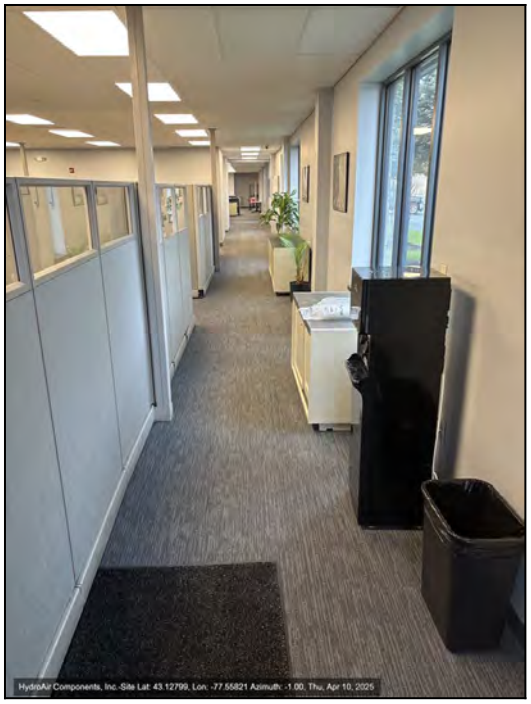


Photo 5: Hallway along southern office exterior wall.

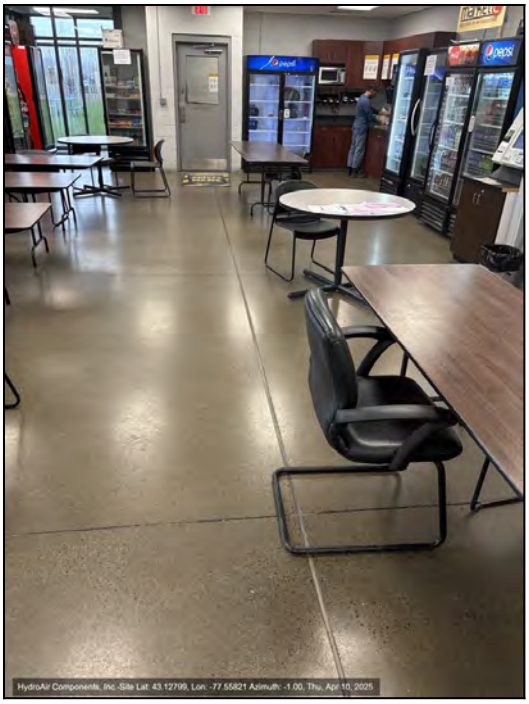


Photo 6: Office break room.

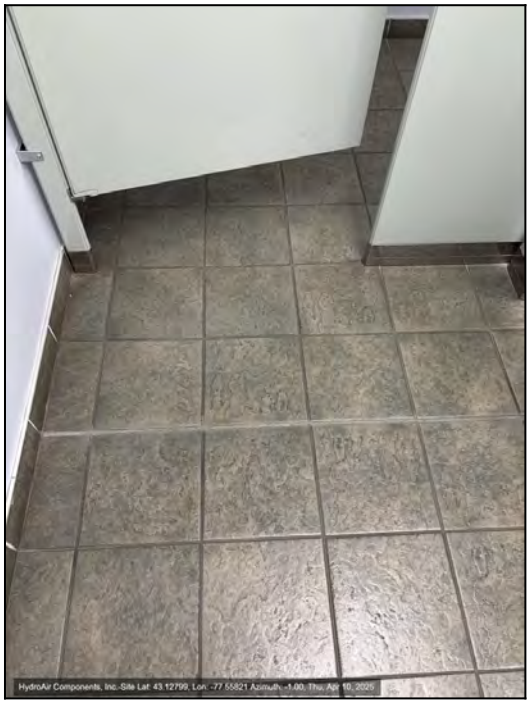


Photo 7: Previously sealed floor crack in men's office bathroom.

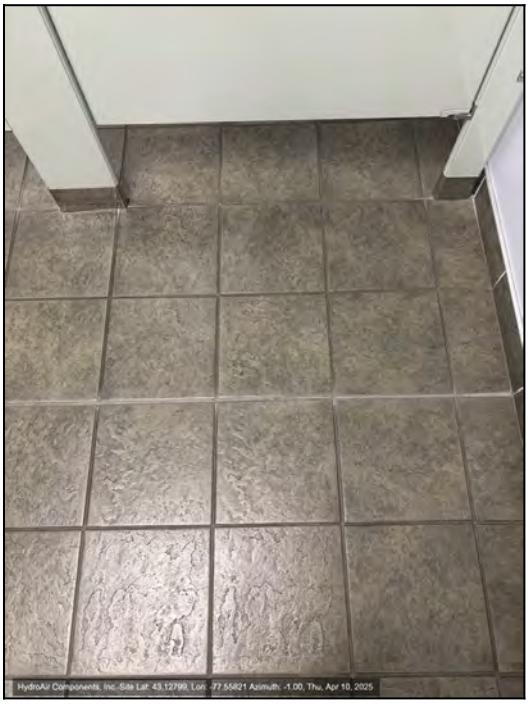


Photo 8: Previously sealed floor crack in women's office bathroom.

Photo 9: "Server Room" Magnehelic gauge.

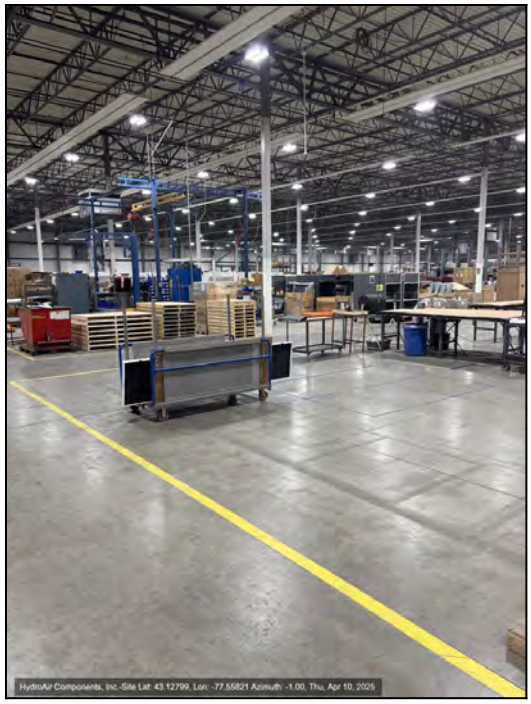


Photo 10: Manufacturing facility.

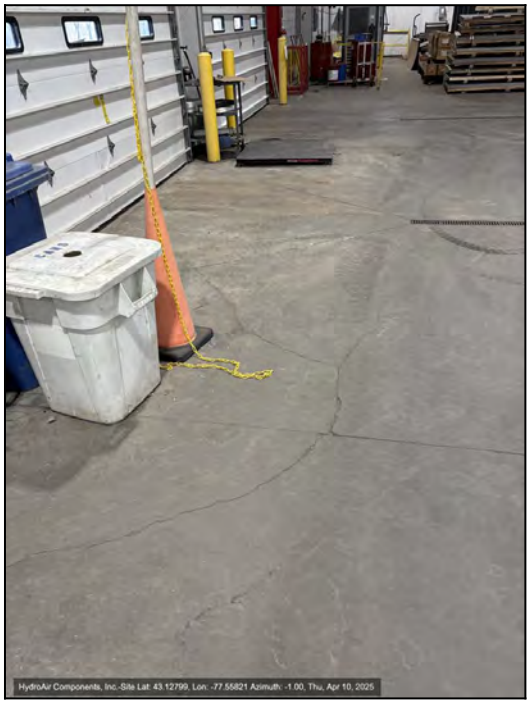


Photo 11: Small cracks in concrete floor in southwest loading area.

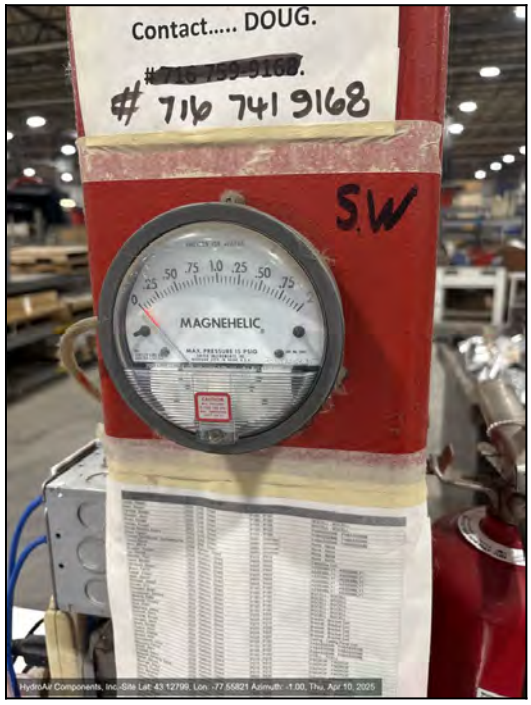


Photo 12: "SW" Magnehelic gauge.

Photo 13: Previously sealed floor crack near "SW" Magnehelic gauge.

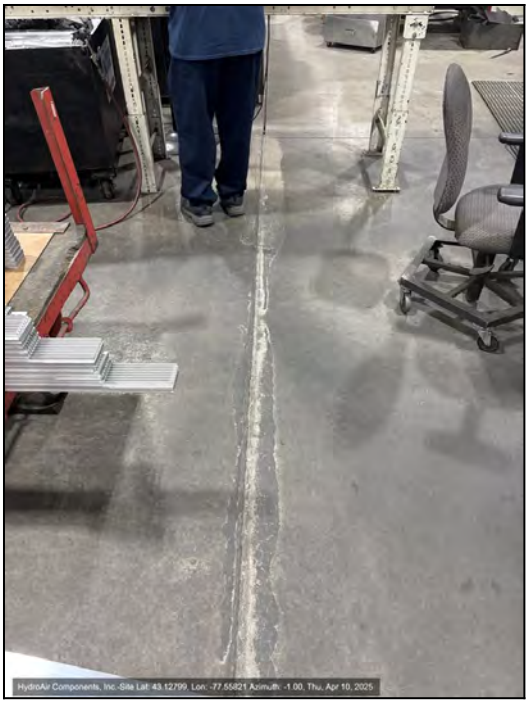


Photo 14: Previously sealed manufacturing facility floor expansion joint.

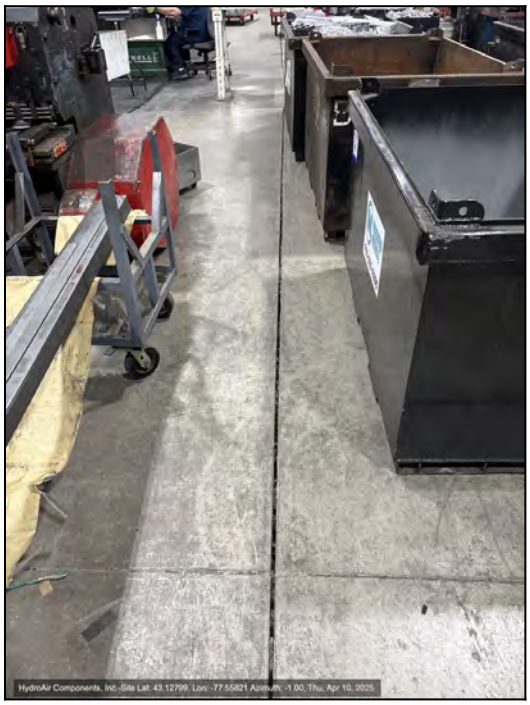


Photo 15: ~ 3/4-inch gap in manufacturing facility floor expansion joint.

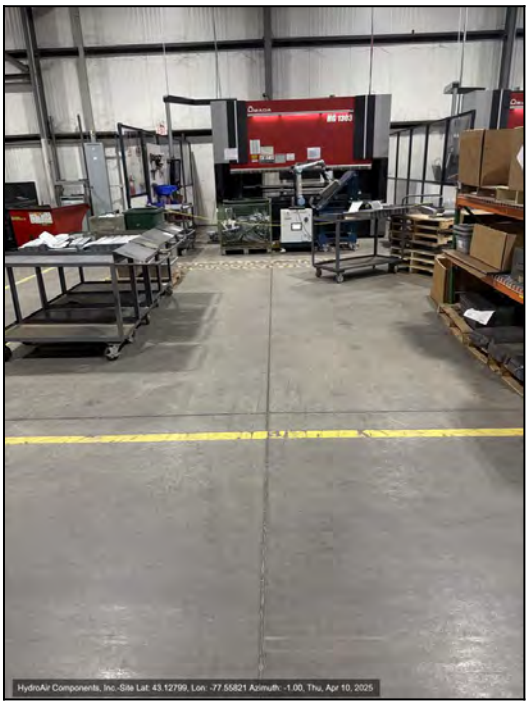


Photo 16: Representative manufacturing facility floor expansion joints.

Photo 17: Previously sealed floor crack near paint booth.

Photo 18: "NW" Magnehelic gauge.

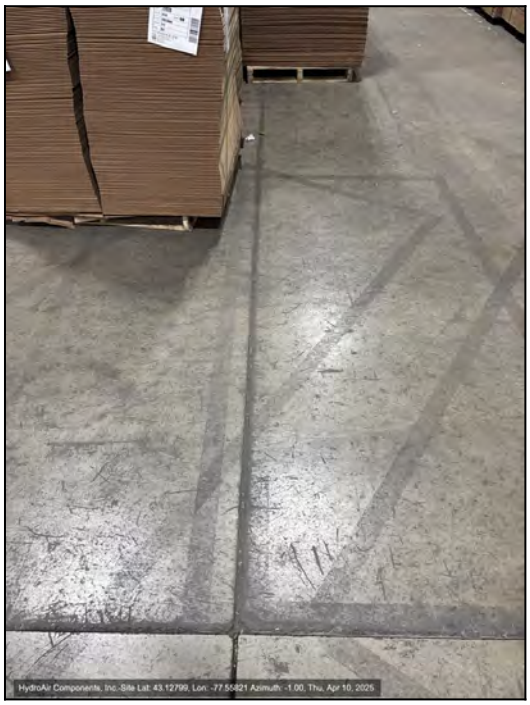


Photo 19: Previously sealed manufacturing facility floor expansion joint.

Photo 20: "NE" Magnehelic gauge.

Photo 21: "SE" Magnehelic gauge.

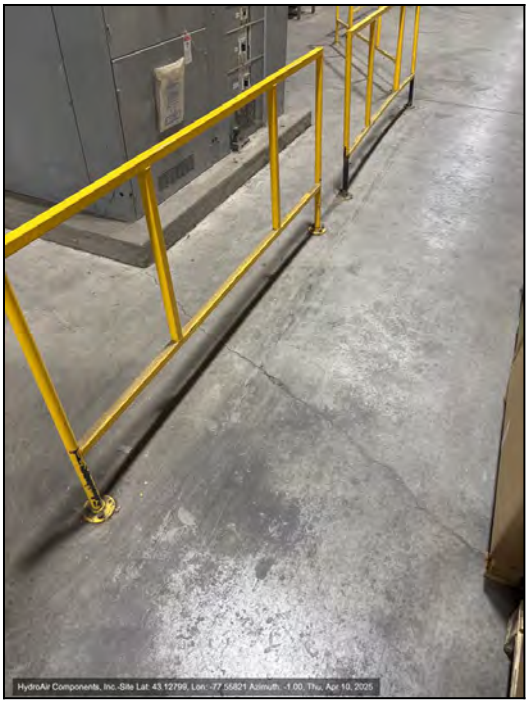


Photo 22: Surficial manufacturing facility floor crack.

Photo 23: Northeast loading dock

Photo 24: Tire tracks and ~6-inch deep divots in grassy area in northeast corner of the site.

Photo 25: Apparent stormwater ponding at eastern end of northern gravel driveway.

Photo 26: Northern gravel driveway.

Photo 27: Western edge of site building.

Photo 28: Seeded edge of parking lot driveway.

Photo 29: Stormwater pond.

Photo 30: Northeast loading dock driveway.

Photo 31: Western grassy area.

Photo 32: MW-10 in western grassy area.

Photo 33: Southwest corner of site.

Photo 34: Fill previously excavated from drainage ditch and piled along western fence line.

Photo 35: Fill previously excavated from drainage ditch and piled along western fence line.

Photo 36: Fill previously excavated from drainage ditch and piled along western fence line.

Photo 37: MW-7R in western grassy area.

Photo 38: Fill previously excavated from drainage ditch and piled along western fence line.

Photo 39: MW-8R in western grassy area.

Photo 40: Fill previously excavated from drainage ditch and piled along western fence line.

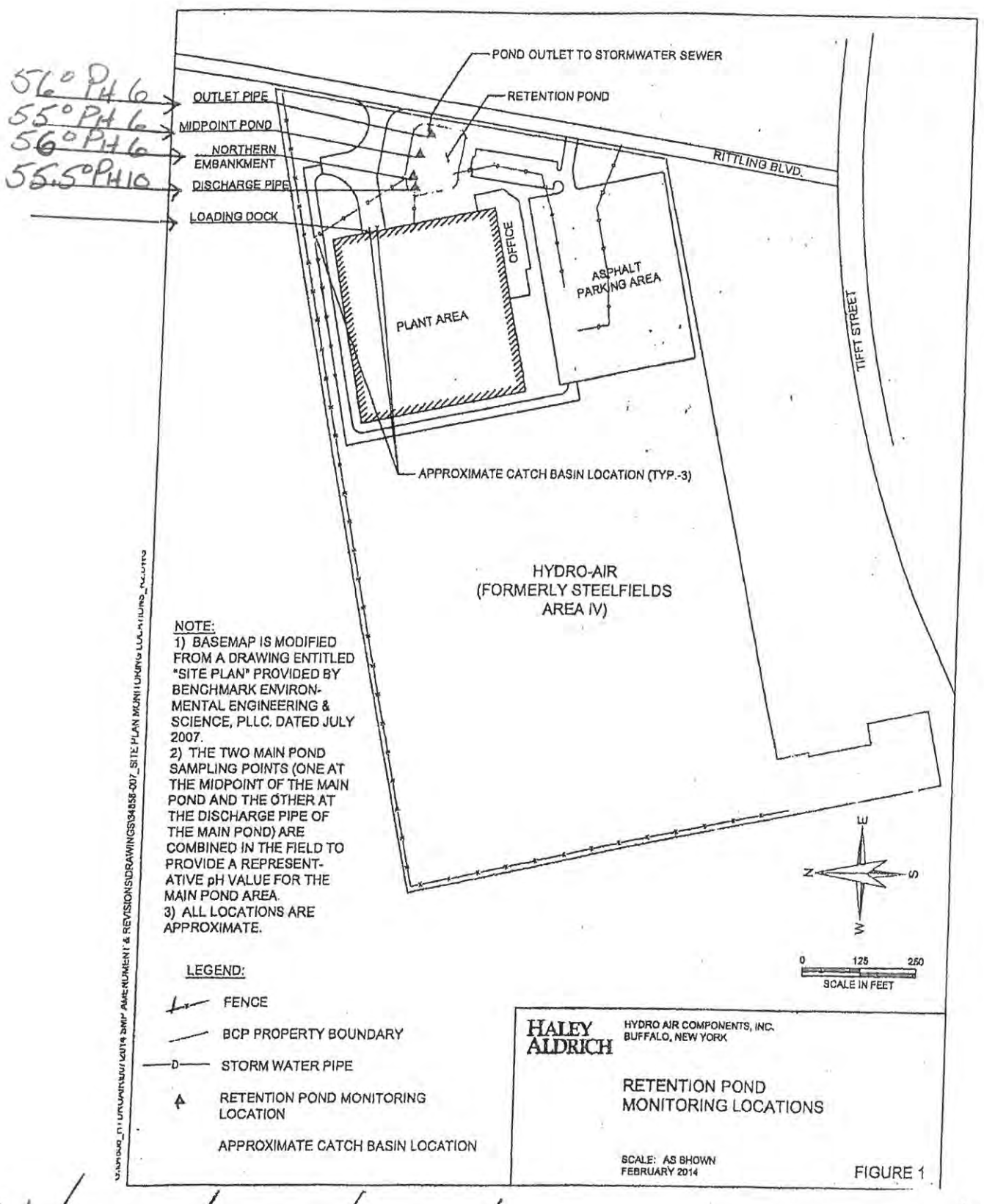
Photo 41: MW-9 in western grassy area.

Photo 42: Northern fence line and gravel drive.

Photo 43: Deteriorating asphalt in parking lot.

APPENDIX E
ASD System Maintenance and Monitoring Documentation

9:00 AM



56° PH 6
55° PH 6
56° PH 6
55.5° PH 10

1.34 SE / 1.54 NE / 1.54 NW / 1.56 SW /

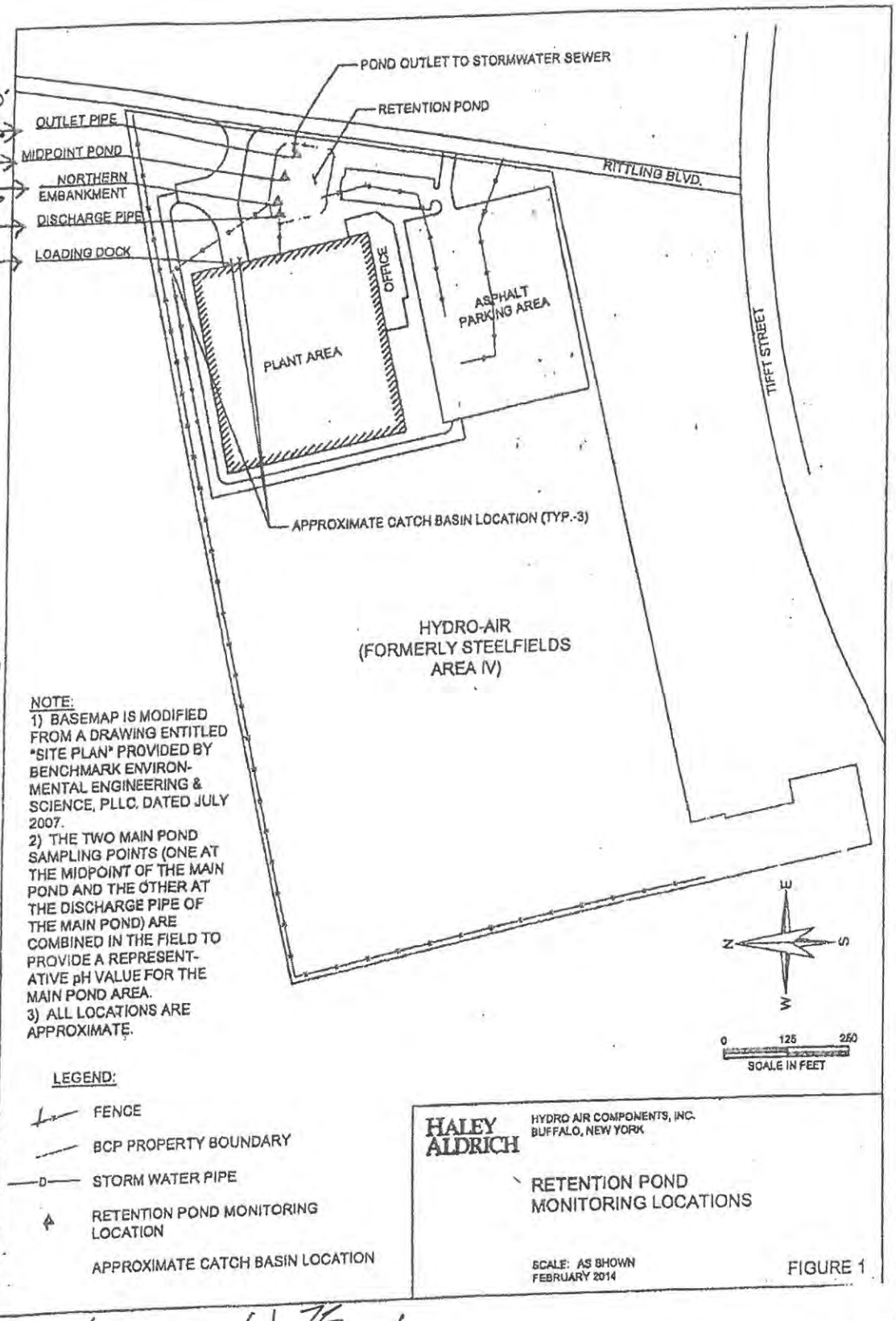
1.20 Server Room

346,600 GAL.

May 30, 2024

7:00 Am

PH,6 57.0°
PH,6 57.3°
PH,5 53.7°
PH,11 59.5°



NOTE:
1) BASEMAP IS MODIFIED FROM A DRAWING ENTITLED "SITE PLAN" PROVIDED BY BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. DATED JULY 2007.
2) THE TWO MAIN POND SAMPLING POINTS (ONE AT THE MIDPOINT OF THE MAIN POND AND THE OTHER AT THE DISCHARGE PIPE OF THE MAIN POND) ARE COMBINED IN THE FIELD TO PROVIDE A REPRESENTATIVE pH VALUE FOR THE MAIN POND AREA.
3) ALL LOCATIONS ARE APPROXIMATE.

LEGEND:

- FENCE
- BCP PROPERTY BOUNDARY
- STORM WATER PIPE
- RETENTION POND MONITORING LOCATION
- APPROXIMATE CATCH BASIN LOCATION

HALEY ALDRICH

HYDRO AIR COMPONENTS, INC.
BUFFALO, NEW YORK

RETENTION POND
MONITORING LOCATIONS

SCALE: AS SHOWN
FEBRUARY 2014

FIGURE 1

1.50 SE / 1.65 NE / 1.65 NW / 1.75 ~~1.65~~ SW /

1.10 Server Room

104,800 gal

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Zehnder Rittling — Project No.:

Project Location: 100 Rittling Blvd — Client:

Preparer's Name: [illegible] — Date/Time: 5/30/24

Notes:

Monthly Operating Status:

System(s) currently running? ☐ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☐ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.53

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

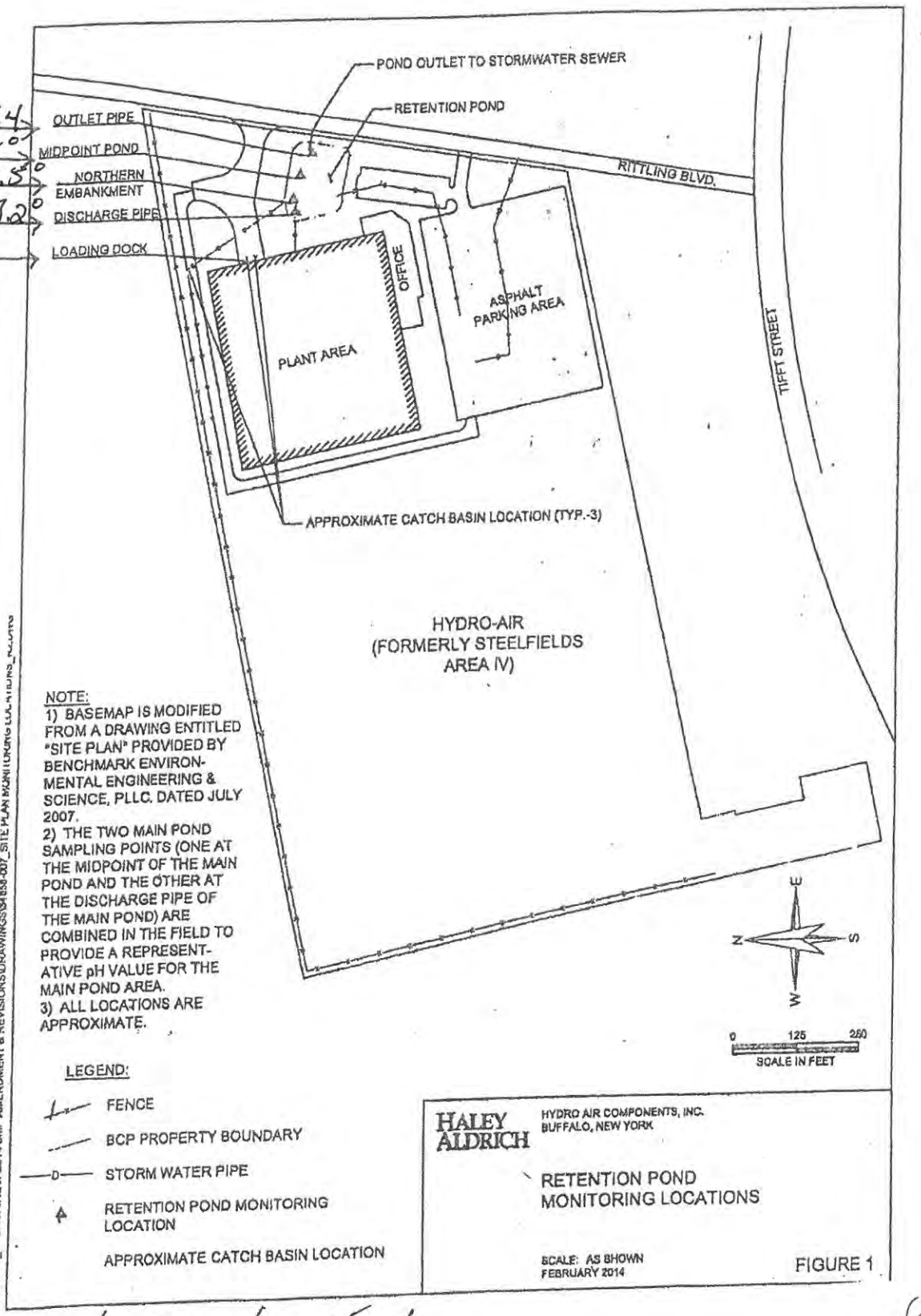
Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:



~~1:00 PM~~

11:00

PH-6.0 65.4°

PH-6.0 65.8°

PH-6.0 63.5°

PH-8.0 67.2°

1.45 / 1.65 NE / 1.70 NW / 1.75 SW /

0.2 Server Room

85,500 gal

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Schuler Rifling — Project No.:

Project Location: 110 Rifling Boulevard — Client:

Preparer's Name: Jack Stephens — Date/Time: 6/26/2024

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.35

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

Magnehelic Readings

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
N.W. Corner Cell 200
#5 S.W. Corner Cell 100

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
1/31/2023	1.15	1.45	1.60	1.60	1.65	1.49
2/28/2023	1.05	1.40	1.55	1.55	1.65	1.15
3/30/2023	.95	1.45	1.65	1.65	1.65	1.23
4-25-2023	1.00	1.40	1.55	1.60	1.65	1.14
5-26-2023	1.05	1.45	1.60	1.65	1.70	1.38
6-28-2023	1.05	1.50	1.65	1.70	1.75	1.54
7-31-2023	1.10	1.50	1.65	1.65	1.75	1.57
8-31-2023	1.05	1.50	1.65	1.65	1.75	1.50
9-28-2023	1.10	1.60	1.70	1.60	1.70	1.62
10-26-2023	1.05	1.60	1.70	1.65	1.70	1.60
11-27-2023	1.10	1.40	1.56	1.54	1.58	1.58
12-28-2023	1.5	1.37	1.53	2.00	1.54	1.50
1-30-2024	1.05	1.35	1.55	1.50	1.50	1.39
2-26-2024	1.10	1.45	2.60	1.60	1.70	1.69
3-28-2024	1.20	1.34	1.54	1.54	1.56	1.43
4-29-2024	1.10	1.50	1.65	1.65	1.75	1.53
5-30-2024	0.2	1.45	1.65	1.70	1.75	1.35
6-28-2024						

Hydro-Air Components, Inc.
BCP Site #C915204, Buffalo, NY

In accordance with

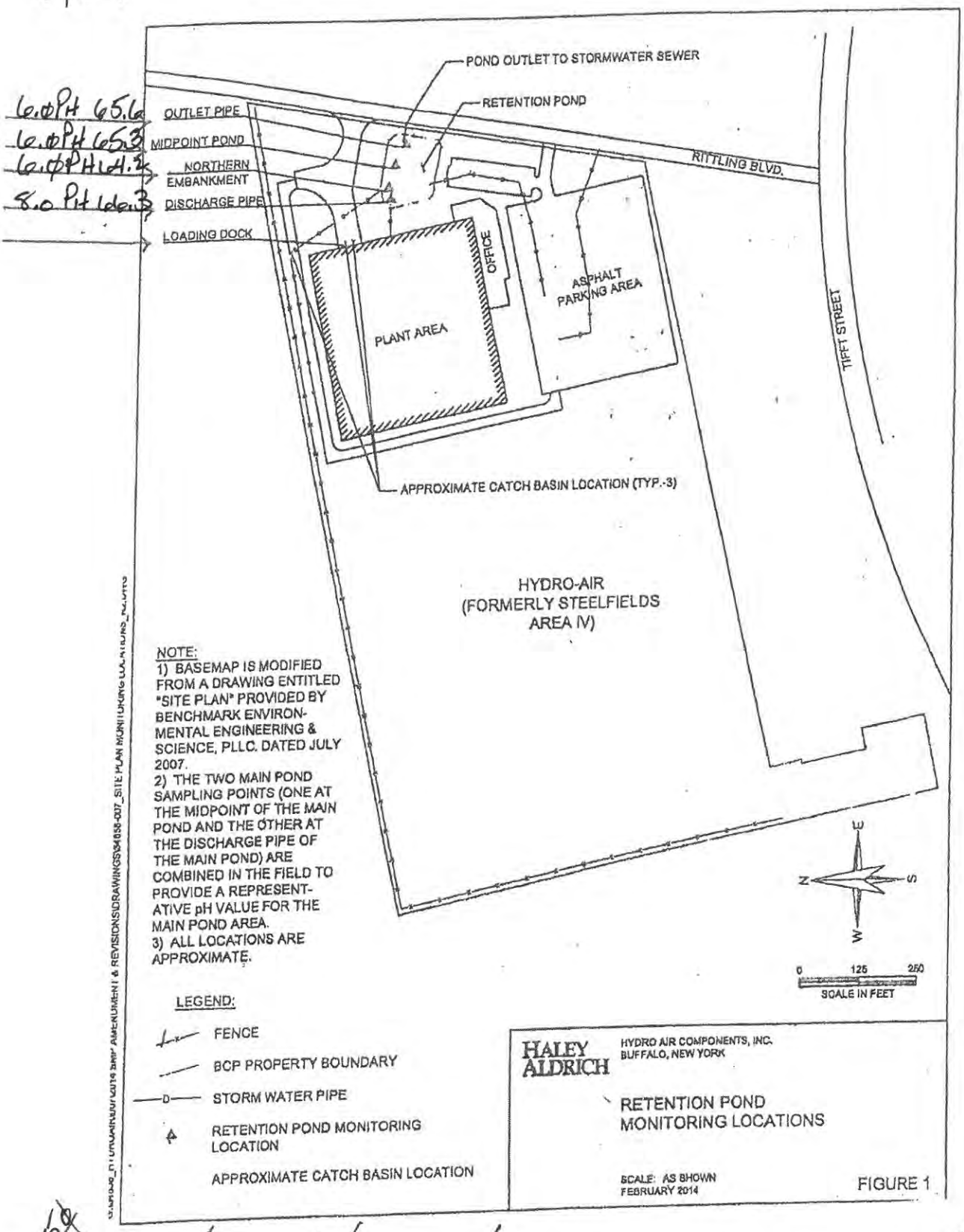
1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Pump Run Time*	Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)					
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)				
Pete Pike	1/31/23 12:00 AM								50,300		FROZEN
Pete Pike	2/28/2023 9:00 AM								196,300		Frozen
Pete Pike	3/30/2023 9:00 AM								275,400		Frozen
Pete Pike	4/28/23 9:00	10	51°	8	47°	6	47°		275.500		Cloudy
Pete Pike	5/26/23 9:00	10	68°	9	65°	6	65°		257.500		Over cast
Pete Pike	6/28/23 9:00	7.5	71°	6	79°	7.5	69°		48,700		Sunny
Pete Pike	7/31/23 9:00 AM	6	65	6	66	6.5	67		57,100		Cloudy
Pete Pike	8/31/23 9:00 AM	7.5	59	7.5	58	6	56		51,600		Sunny
Pete Pike	9/28/23 9:00 A	7	44°	7.5	42°	5.5	40°		43,800		Sunny
Pete Pike	10-26-23 9:00	6.5	44°	7	43°	6	41°		40,500		Sunny
J. Stephens	11-27-2023	6	39°	6	40°	9	44°		348,400		Cold - Cloudy
J. Stephens	12-28-2023	frozen			10:00 AM				151,300		frozen
J. Stephens	1-30-2024	frozen			7:20 AM	5	38.1		309,200		frozen
J. Stephens	2-26-2024	10	39.5	7	38.8				170,200		Sunny
J. Stephens	3-28-2024	10	51.4	6	47.4				125,800		Sunny
J. Stephens	4-29-2024	6	56.	6	55				346,600		Sunny
J. Stephens	5-30-2024	11	59.5	5	53.7				104,800		Sunny
J. Stephens	6-28-2024	8.0	67.2	6.0	63.5				85,500		Sunny

7/29/24

9:00 AM

6.0 pH 65.6
6.0 pH 65.3
6.0 pH 64.2
8.0 pH 66.3



SE 1.50

NE 1.60

NW 1.76

SW 1.70

.90
Server Room

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Zehnder Rittling | Project No.:

Project Location: 100 Rittling Blvd. | Client:

Preparer's Name: Jack Stephens | Date/Time: 7/29/24 - 9:00

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

"Server Room" rooftop fan replaced on July 19, 2024.

What is the current Vacuum reading? 1.48

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

Magnehelic Readings

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
#4 N.W. Corner Cell 200
#5 S.W. Corner Cell 100

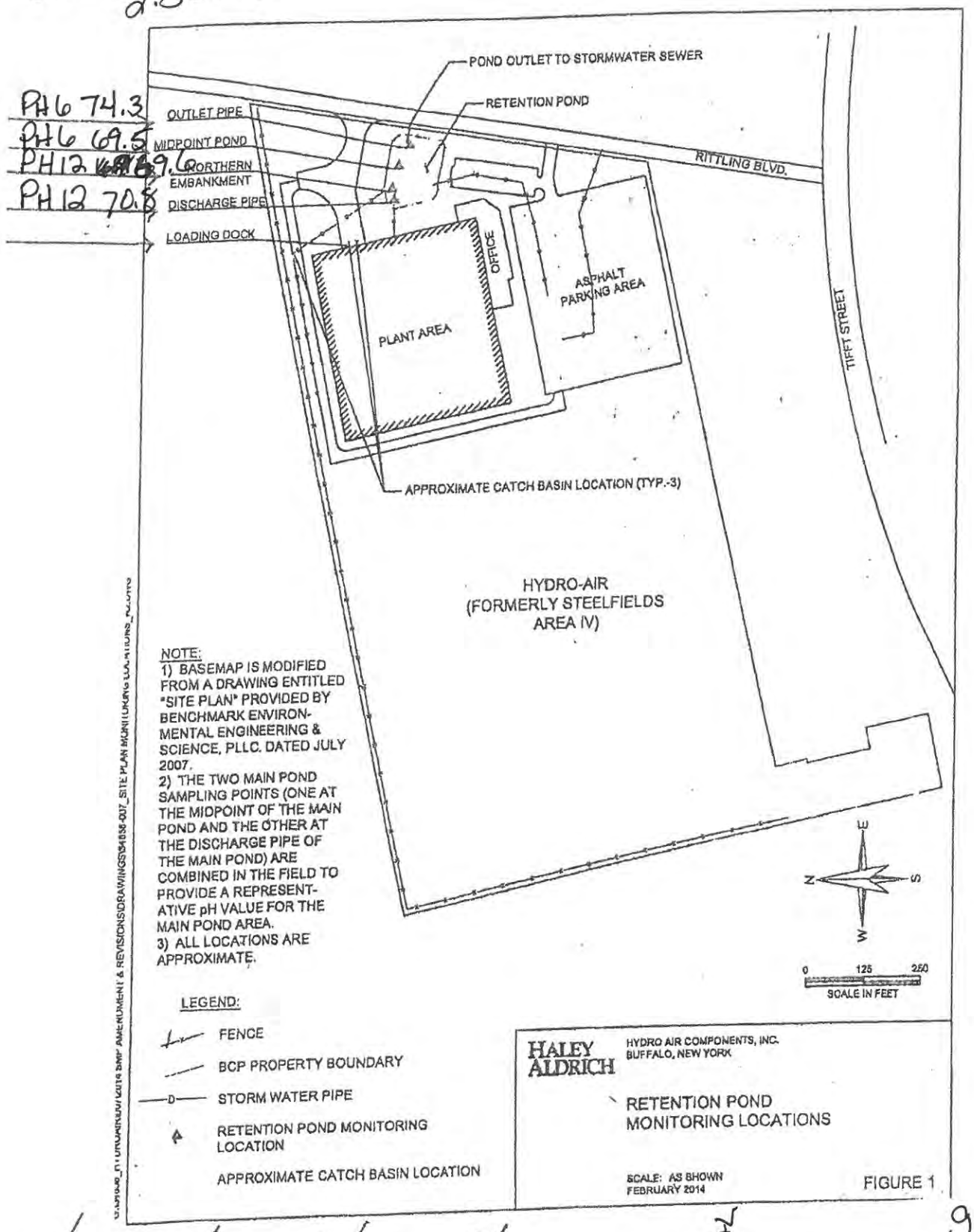
Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
1/31/2023	1.15	1.45	1.60	1.60	1.65	1.49
2/28/2023	1.05	1.40	1.55	1.55	1.65	1.15
3/30/2023	.95	1.45	1.65	1.65	1.65	1.23
4-27-2023	1.00	1.40	1.55	1.60	1.65	1.14
5-26-2023	1.05	1.45	1.60	1.65	1.70	1.38
6-28-2023	1.05	1.50	1.65	1.70	1.75	1.54
7-31-2023	1.10	1.50	1.65	1.65	1.75	1.57
8-31-2023	1.05	1.50	1.65	1.65	1.75	1.50
9-28-2023	1.10	1.60	1.70	1.60	1.70	1.62
10-26-2023	1.05	1.60	1.70	1.65	1.70	1.60
11-27-2023	1.10	1.40	1.56	1.54	1.58	1.58
12-28-2023	1.10	1.40	1.56	1.54	1.58	1.45
1-30-2024	1.5	1.37	1.53	200	1.54	1.50
2-26-2024	1.05	1.35	1.55	1.50	1.50	1.39
3-28-2024	1.10	1.45	2.60	1.60	1.70	1.69
4-29-2024	1.20	1.34	1.54	1.54	1.56	1.43
5-30-2024	1.10	1.50	1.65	1.65	1.75	1.53
6-28-2024	0.2	1.45	1.65	1.70	1.75	1.35
7-29-2024	.90	1.50	1.60	1.70	1.70	1.48

In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Pump Run Time*	Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)					
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)				
Pete Pike	1/31/23 12:00 AM								50,300		FROZEN
Pete Pike	2/28/2023 9:00 AM								196,300		Frozen
Pete Pike	3/30/2023 9:00 AM								275,400		Frozen
Pete Pike	4/28/23 9:00	10	51°	8	47°	6	47°		275.500		Cloudy
Pete Pike	5/26/23 9:00	10	68°	9	65°	6	65°		257.500		Over cast
Pete Pike	6/28/23 9:00	7.5	71°	6	79°	7.5	69°		48,700		Sunny
Pete Pike	7/31/23 9:00 AM	6	65	6	66	6.5	67		57,100		Cloudy
Pete Pike	8/31/23 9:00 AM	7.5	59	7.5	58	6	56		51,600		Sunny
Pete Pike	9/28/23 9:00 A	7	44°	7.5	42°	5.5	40°		43,800		Sunny
Pete Pike	10-26-23 9:00	6.6	44°	7	43°	6	41°		40,500		Sunny
J. Stephens	11-27-2023	6	39°	6	40°	9	44°		348,400		Cold - Cloudy
J. Stephens	12-28-2023	frozen			10:00 AM				151,300		frozen
J. Stephens	1-30-2024	frozen			7:00 AM	5	38.1		309,200		frozen
J. Stephens	2-26-2024	10	34.5	7	38.8				170,200		Sunny
J. Stephens	3-28-2024	10	51.4	6	47.4				125,500		Sunny
J. Stephens	4-29-2024	6	56.	6	55				346,600		Sunny
J. Stephens	5-30-2024	11	59.5	5	53.7				104,800		Sunny
J. Stephens	6-28-2024										
J. Stephens	7-29-2024	8.0	67.2	6.0	63.5				85,500		Sunny
		6.0	64.2	6.0	65.3				98,200		Sunny

8-29-24
2:50 PM



PH 6 74.3
PH 6 69.5
PH 12 69.6
PH 12 70.8

1.50
NE 1.63
NW 1.70
SW 1.70

17,400 gal

92
Server Room

In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Pump Run Time*	Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)					
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)				
Pete Pike	1/31/23 12:00 AM								50,300		FROZEN
Pete Pike	2/28/2023 9:00 AM								196,300		Frozen
Pete Pike	3/30/2023 9:00 AM								275,400		Frozen
Pete Pike	4/28/23 9:00	10	51°	8	47°	6	47°		275.500		Cloudy
Pete Pike	5/26/23 9:00	10	68°	9	65°	6	65°		257.500		Over cast
Pete Pike	6/28/23 9:00	7.5	71°	6	79°	7.5	69°		48,700		Sunny
Pete Pike	7/31/23 9:00 AM	6	68	6	66	6.5	67		57,100		Cloudy
Pete Pike	8/31/23 9:00 AM	7.5	59	7.5	58	6	56		51,600		Sunny
Pete Pike	9/28/23 9:00 A	7	44°	7.5	42°	5.5	40°		43,800		Sunny
Pete Pike	10-26-23 9:00	6.6	44°	7	43°	6	41°		40,500		Sunny
J. Stephens	11-27-2023	6	39°	6	40°	9	44°		348,400		Cold - Cloudy
J. Stephens	12-28-2023	frozen			10:00 AM				151,300		frozen
J. Stephens	1-30-2024	frozen			7:00 AM	5	~~38.1~~		309,200		frozen
J. Stephens	2-26-2024	10	39.5°	7	~~38.8~~	~~5~~	~~38.1~~		170,200		Sunny
J. Stephens	3-28-2024	10	51.4°	6	47.4				125,800		Sunny
J. Stephens	4-29-2024	6	56.°	6	55°				346,600		Sunny
J. Stephens	5-30-2024	11	59.5°	5	53.7				104,800		Sunny
J. Stephens	6-28-2024	~~6.0~~	~~65.1~~								
J. Stephens	7-29-2024	8.0	67.2	6.0	63.5				85,500		Sunny
J. Stephens	8-29-2024	6.0	64.2	6.0	65.3				98,200		Sunny
J. Stephens		12	70.8	12	69.6				17,400		Sunny

Magnehelic Readings

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
#4 N.W. Corner Cell 200
#5 S.W. Corner Cell 100

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
1/31/2023	1.15	1.45	1.60	1.60	1.65	1.49
2/28/2023	1.05	1.40	1.55	1.55	1.65	1.15
3/30/2023	.95	1.45	1.65	1.65	1.65	1.23 0.00
4-27-2023	1.00	1.40	1.55	1.60	1.65	1.14
5-26-2023	1.05	1.45	1.60	1.65	1.70	1.30
6-28-2023	1.05	1.50	1.65	1.70	1.75	1.54
7-31-2023	1.10	1.50	1.65	1.65	1.75	1.57
8-31-2023	1.05	1.50	1.65	1.65	1.75	1.50
9-28-2023	1.10	1.60	1.70	1.60	1.70	1.62
10-26-2023	1.05	1.60	1.70	1.65	1.70	1.60
11-27-2023	1.10	1.60	1.55	1.55	1.65	1.58
12-28-2023	1.10	1.40	1.56	1.54	1.58	1.45
1-30-2024	1.5	1.37	1.53	200	1.54	1.50
2-26-2024	1.05	1.35	1.55	1.50	1.50	1.39
3-28-2024	1.10	1.45	2.60	1.60	1.70	1.69
4-29-2024	1.20	1.34	1.54	1.54	1.56	1.43
5-30-2024	1.10	1.50	1.65	1.65	1.75	1.53
6-28-2024	0.2	1.45	1.65	1.70	1.75	1.35
7-29-2024	.90	1.50	1.60	1.70	1.70	1.48
8-29-2024	.90	1.50	1.63	1.70	1.70	1.48

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Schuler Rifling | Project No.:

Project Location: Worthington Blvd | Client:

Preparer's Name: Jack Stephens | Date/Time: 6/29/24 2:50

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.48

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

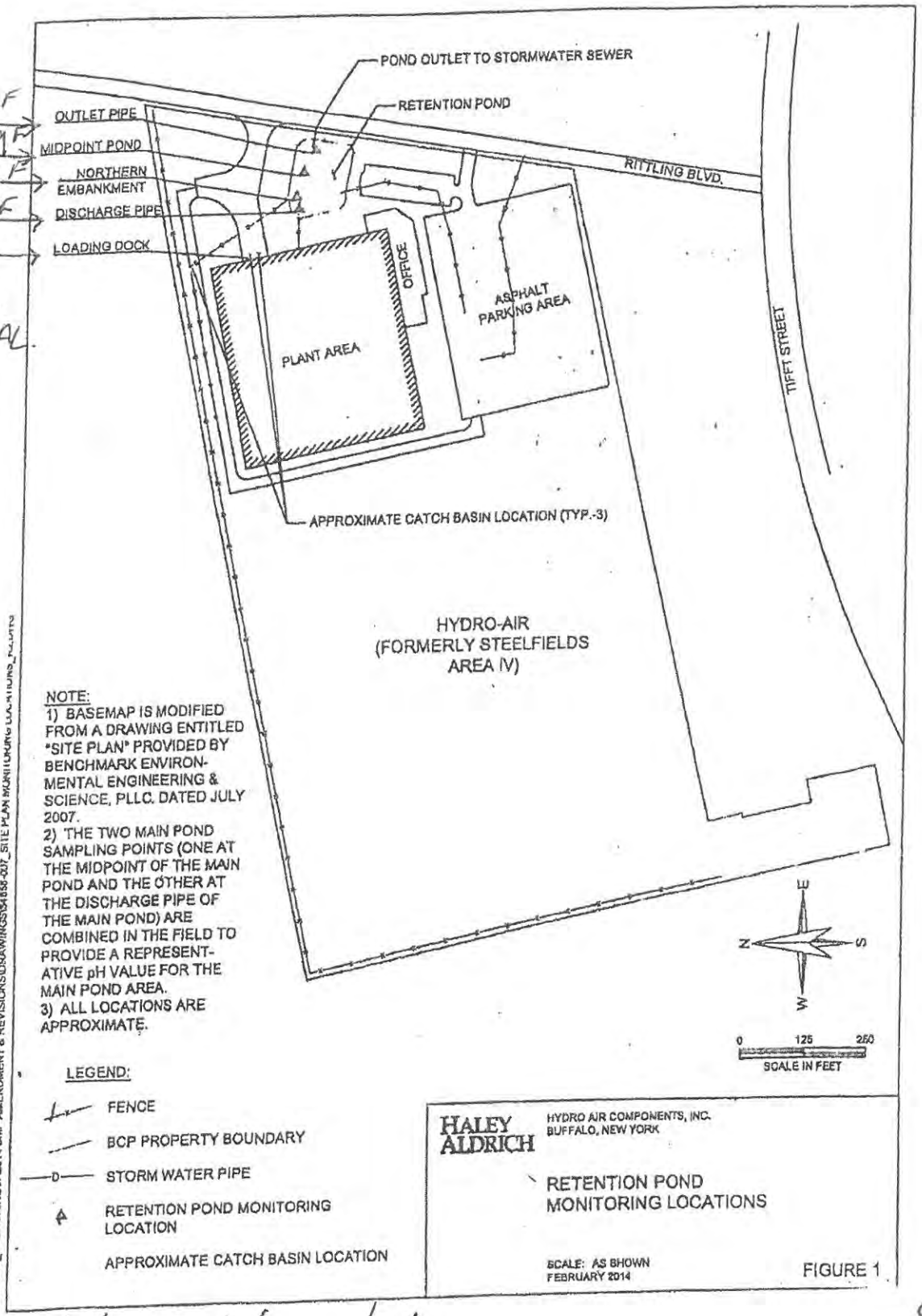
If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

7:30AM 4-25-24



PH 6.063.1F
PH 6.062.9F
PH 7.0 62.2 F
PH 7.0 60.4 F

41,100 GAL

NOTE:
1) BASEMAP IS MODIFIED FROM A DRAWING ENTITLED "SITE PLAN" PROVIDED BY BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. DATED JULY 2007.
2) THE TWO MAIN POND SAMPLING POINTS (ONE AT THE MIDPOINT OF THE MAIN POND AND THE OTHER AT THE DISCHARGE PIPE OF THE MAIN POND) ARE COMBINED IN THE FIELD TO PROVIDE A REPRESENTATIVE pH VALUE FOR THE MAIN POND AREA.
3) ALL LOCATIONS ARE APPROXIMATE.

LEGEND:

- FENCE
- BCP PROPERTY BOUNDARY
- STORM WATER PIPE
- RETENTION POND MONITORING LOCATION
- APPROXIMATE CATCH BASIN LOCATION

HALEY ALDRICH

HYDRO AIR COMPONENTS, INC.
BUFFALO, NEW YORK

RETENTION POND
MONITORING LOCATIONS

SCALE: AS SHOWN
FEBRUARY 2014

FIGURE 1

S 1.50
NE 1.75
NW 1.75
SW 1.75

.95
Server Room

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Zehnder Rittling | Project No.:

Project Location: 120 Rittling Blvd. | Client:

Preparer's Name: Jared Stephens | Date/Time: 9-25-2024 7:30

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.54

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

Magnehelic Readings

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
N.W. Corner Cell 200
#5 S.W. Corner Cell 100

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
1/31/2023	1.15	1.45	1.60	1.60	1.65	1.49
2/28/2023	1.05	1.40	1.55	1.55	1.65	1.15
3/30/2023	.95	1.45	1.65	1.65	1.65	1.23
4-27-2023	1.00	1.40	1.55	1.60	1.65	1.14
5-26-2023	1.05	1.45	1.60	1.65	1.70	1.38
6-28-2023	1.05	1.50	1.65	1.70	1.75	1.54
7-31-2023	1.10	1.50	1.65	1.65	1.75	1.57
8-31-2023	1.05	1.50	1.65	1.65	1.75	1.50
9-28-2023	1.10	1.60	1.70	1.60	1.70	1.62
10-26-2023	1.05	1.60	1.70	1.65	1.70	1.60
11-27-2023	1.10	1.60	1.55	1.55	1.65	1.58
12-28-2023	1.10	1.40	1.56	1.54	1.58	1.45
1-30-2024	1.5	1.31	1.53	2.00	1.54	1.50
2-26-2024	1.05	1.35	1.55	1.50	1.50	1.39
3-28-2024	1.10	1.45	2.60	1.60	1.70	1.69
4-29-2024	1.20	1.34	1.54	1.54	1.56	1.43
5-30-2024	1.10	1.50	1.65	1.65	1.75	1.53
6-28-2024	0.2	1.45	1.65	1.70	1.75	1.35
7-29-2024	.90	1.50	1.60	1.70	1.70	1.48
8-29-2024	.90	1.50	1.63	1.70	1.70	1.48
9-25-2024	.95	1.50	1.75	1.75	1.75	1.54

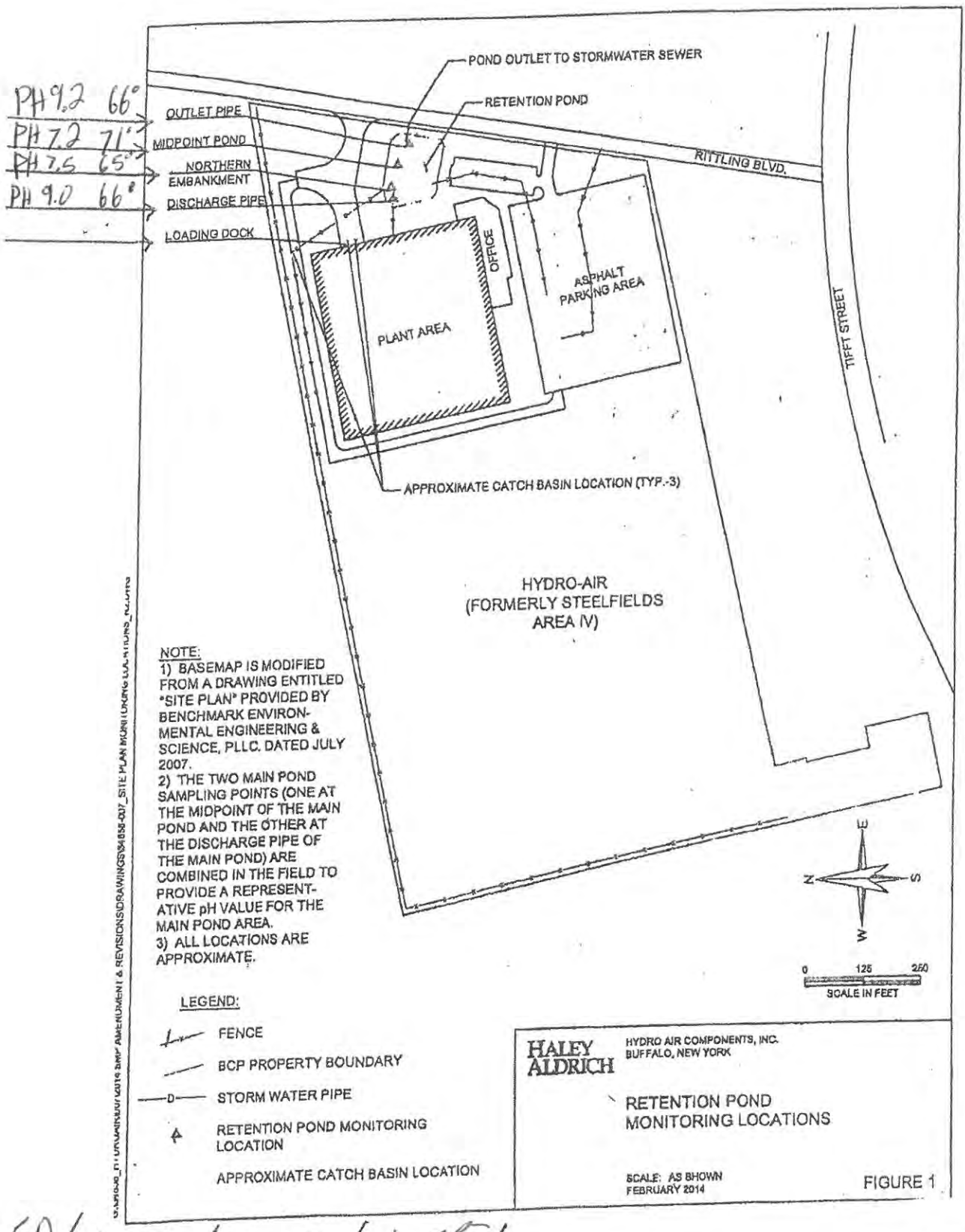
In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Pump Run Time*	Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)					
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)				
Pete Pike	1/31/23 12:00 AM								50,300		FROZEN
Pete Pike	2/28/2023 9:00 AM								196,300		Frozen
Pete Pike	3/30/2023 9:00 AM								275,400		Frozen
Pete Pike	4/28/23 9:00	10	51°	8	47°	6	47°		275.500		Cloudy
Pete Pike	5/26/23 9:00	10	68°	9	65°	6	65°		257.500		Over cast
Pete Pike	6/28/23 9:00	7.5	71°	6	79°	7.5	69°		48,700		Sunny
Pete Pike	7/31/23 9:00 AM	6	65	6	66	6.5	67		57,100		Cloudy
Pete Pike	8/31/23 9:00 AM	7.5	59	7.5	58	6	56				Sunny
Pete Pike	9/28/23 9:00 A	7	44°	7.5	42°	5.5	40°		51,600		
Pete Pike	10-26-23 9:00	6.5	44°	7	43°	6	41°		43,800		Sunny
J. Stephens	11-27-2023	6	39°	6	40°	9	44°		40,500		Sunny
J. Stephens	12-28-2023	frozen			10:00 AM				348,400		Cold - Cloudy
J. Stephens	1-30-2024	frozen			7:00 AM	5	38.1		151,300		frozen
J. Stephens	2-26-2024	10	39.5	7	38.8				309,200		frozen
J. Stephens	3-28-2024	10	51.4	6	47.4				170,200		Sunny
J. Stephens	4-29-2024	6	56.	6	55				125,500		Sunny
J. Stephens	5-30-2024	11	59.5	5	53.7				346,600		Sunny
J. Stephens	6-28-2024								104,800		Sunny
J. Stephens	7-29-2024	8.0	67.2	6.0	63.5				85,500		Sunny
J. Stephens		6.0	64.2	6.0	65.3				98,200		Sunny
J. Stephens	8-29-2024	12	70.8	12	69.6				17,400		Sunny
J. Stephens	9-25-2024	7.0	64	7.0	62.2				41,100		Cloudy

2:30 PM
10/30/24

PH 9.2 66°
PH 7.2 71°
PH 7.5 65°
PH 9.0 66°



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HALEY ALDRICH

HYDRO AIR COMPONENTS, INC.
BUFFALO, NEW YORK

RETENTION POND
MONITORING LOCATIONS

SCALE: AS SHOWN
FEBRUARY 2014

FIGURE 1

1.50 / 1.65 / 1.70 / 1.75 /
NE / NW / SW /

.90
Server Room

77,200 gal

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Zehnder Rittman | Project No.:

Project Location: 100 Rittman Blvd | Client:

Preparer's Name: David Stephens | Date/Time: 10/30/24 2:30

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.5

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
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Pete Pike	7/31/23 9:00 AM	6	65	6	66	6.5	67		57,100		Cloudy
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J. Stephens	3-28-2024	10	51.4°	6	47.4				125,800		Sunny
J. Stephens	4-29-2024	6	56.°	6	55°				346,600		Sunny
J. Stephens	5-30-2024	11	59.5°	5	53.7				104,800		Sunny
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J. Stephens	7-29-2024	8.0	67.2	6.0	63.5				85,500		Sunny
J. Stephens	8-29-2024	6.0	64.2	6.0	65.3				98,200		Sunny
J. Stephens	9-25-2024	12	70.8	12	69.6				17,400		Sunny
J. Stephens	10-30-2024	7.0	64	7.0	62.2				41,100		Cloudy
		9.0	66°	7.5	65°				77,200 gal		Sunny

Magnehelic Readings

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
N.W. Corner Cell 200
#5 S.W. Corner Cell 100

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
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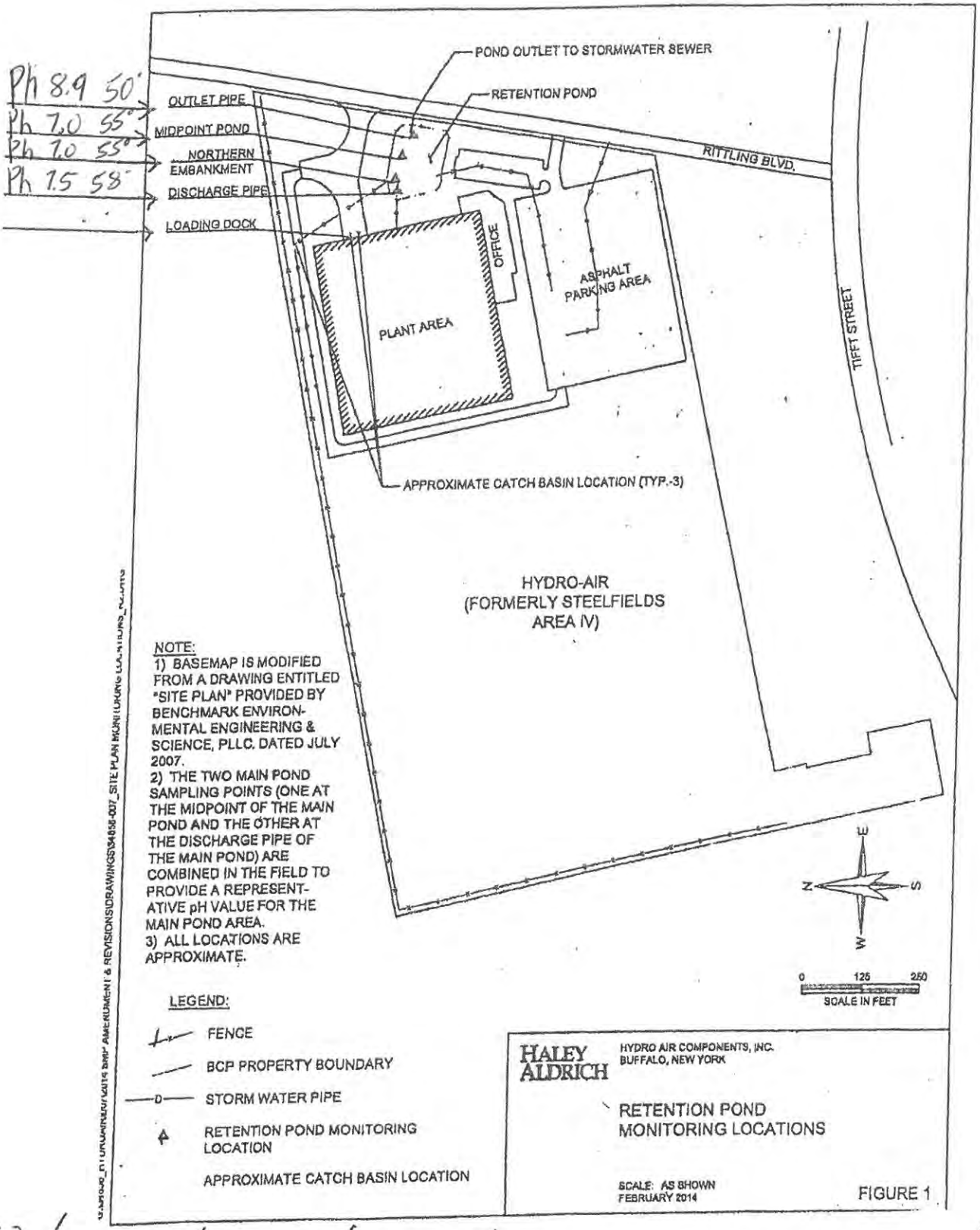
3/30/2023	.95	1.45	1.65	1.65	1.65	1.23
4-27-2023	1.00	1.40	1.55	1.60	1.65	1.14
5-26-2023	1.05	1.45	1.60	1.65	1.70	1.30
6-28-2023	1.05	1.50	1.65	1.70	1.75	1.54
7-31-2023	1.10	1.50	1.65	1.65	1.75	1.57
8-31-2023	1.05	1.50	1.65	1.65	1.75	1.50
9-28-2023	1.10	1.60	1.70	1.60	1.70	1.62
10-26-2023	1.05	1.60	1.70	1.65	1.70	1.60
11-27-2023	1.10	1.60	1.55	1.55	1.65	1.58
12-28-2023	1.10	1.40	1.56	1.54	1.58	1.45
1-30-2024	1.5	1.37	1.53	200	1.54	1.50
2-26-2024	1.05	1.35	1.55	1.50	1.50	1.39
3-28-2024	1.10	1.45	2.60	1.60	1.70	1.69
4-29-2024	1.20	1.34	1.54	1.54	1.56	1.43
5-30-2024	1.10	1.50	1.65	1.65	1.75	1.53
6-28-2024	0.2	1.45	1.65	1.70	1.75	1.35
7-29-2024	.90	1.50	1.60	1.70	1.70	1.48
8-29-2024	.90	1.50	1.63	1.70	1.70	1.48
9-25-2024	.95	1.50	1.75	1.75	1.75	1.54
10-30-2024	.90	1.50	1.65	1.70	1.75	1.5

2:30 PM
8/30/24

Ph 8.9 50°
Ph 7.0 55°
Ph 7.0 55°
Ph 7.5 58°



1.50 / 1.65 / 1.70 / 1.75 /
DE / NE / NW / SW /

.90
Server Room

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Zehnder Rifflin Project No.:

Project Location: 100 Rifflin Blvd Client:

Preparer's Name: Jared Stephens Date/Time: 11/30/24 2:30 PM

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.5

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change In Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

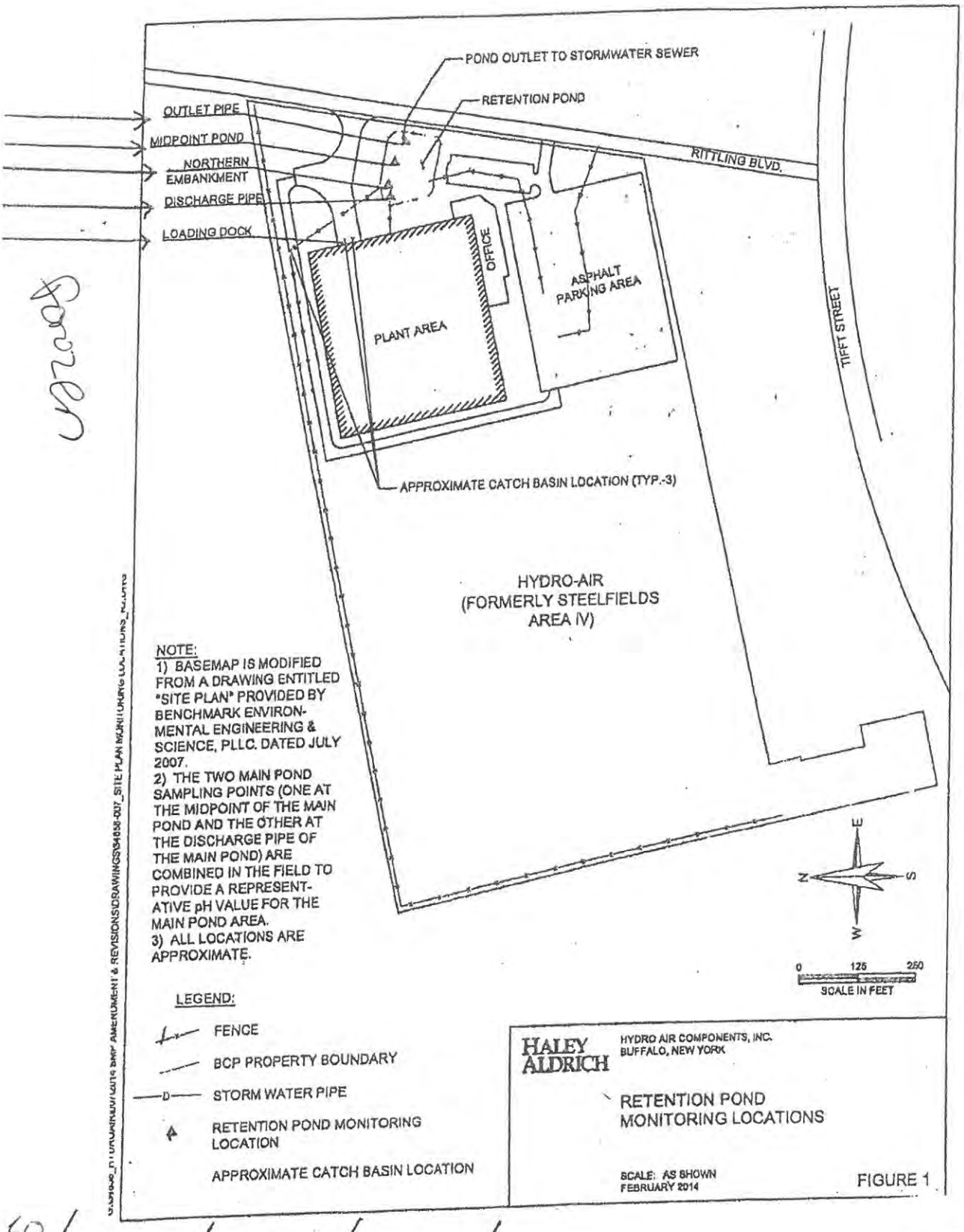
If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

2:00 PM
12/28/24



1.50 / 1.75 / 1.70 / 1.72 /
SE NE NW SW

.95
Server Room

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: Zehndor Rifting | Project No.:

Project Location: 100 Rifting Blvd | Client:

Preparer's Name: Trent Stephens | Date/Time: 2/28/24 2:00 PM

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? | .42 |

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? Manufacturing

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Pump Run Time*	Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)					
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)				
Pete Pike	1/31/23 12:00 AM								50,300		FROZEN
Pete Pike	2/28/2023 9:00 AM								196,300		Frozen
Pete Pike	3/30/2023 9:00 Am								275,400		Frozen
Pete Pike	4/28/23 9:00	10	51°	8	47°	6	47°		275.500		Cloudy
Pete Pike	5/26/23 9:00	10	68°	9	65°	6	65°		257.500		Over cast
Pete Pike	6/28/23 9:00	7.5	71°	6	79°	7.5	69°		48,700		Sunny
Pete Pike	7/31/23 9:00 AM	6	65	6	66	6.5	67		57,100		Cloudy
Pete Pike	8/31/23 9:00 AM	7.5	59	7.5	58	6	56				Sunny
Pete Pike	9/28/23 9:00 A	7	44°	7.5	42°	5.5	40°		51,600		
Pete Pike	10-26-23 9:00	6.5	44°	7	43°	6	41°		43,800		Sunny
J. Stephens	11-27-2023	6	39°	6	40°	9	44°		40,500		Sunny
J. Stephens	12-28-2023	frozen			10:00 AM				348,400		Cold - Cloudy
J. Stephens	1-30-2024	frozen			7:00 AM	5	38.1		151,300		frozen
J. Stephens	2-26-2024	10	39.5	7	38.8				309,200		frozen
J. Stephens	3-28-2024	10	51.4	6	47.4				170,200		Sunny
J. Stephens	4-29-2024	6	56.	6	55				125,500		Sunny
J. Stephens	5-30-2024	11	59.5	5	53.7				346,600		Sunny
J. Stephens	6-28-2024								104,800		Sunny
J. Stephens	7-29-2024	8.0	67.2	6.0	63.5				85,500		Sunny
J. Stephens	8-29-2024	6.0	64.2	6.0	65.3				98,200		Sunny
J. Stephens	9-25-2024	12	70.8	12	69.6				17,400		Sunny
J. Stephens	10-30-2024	7.0	64	7.0	62.2				41,100		Cloudy
J. Stephens	10-30-2024	9.0	66	7.5	65°				77,200 gal		Sunny
J. Stephens	12-28-2024	7.5	58	7.0	55°				80,000 gal		Cloudy
		frozen			2:00 PM				100,000 gal		Cloudy

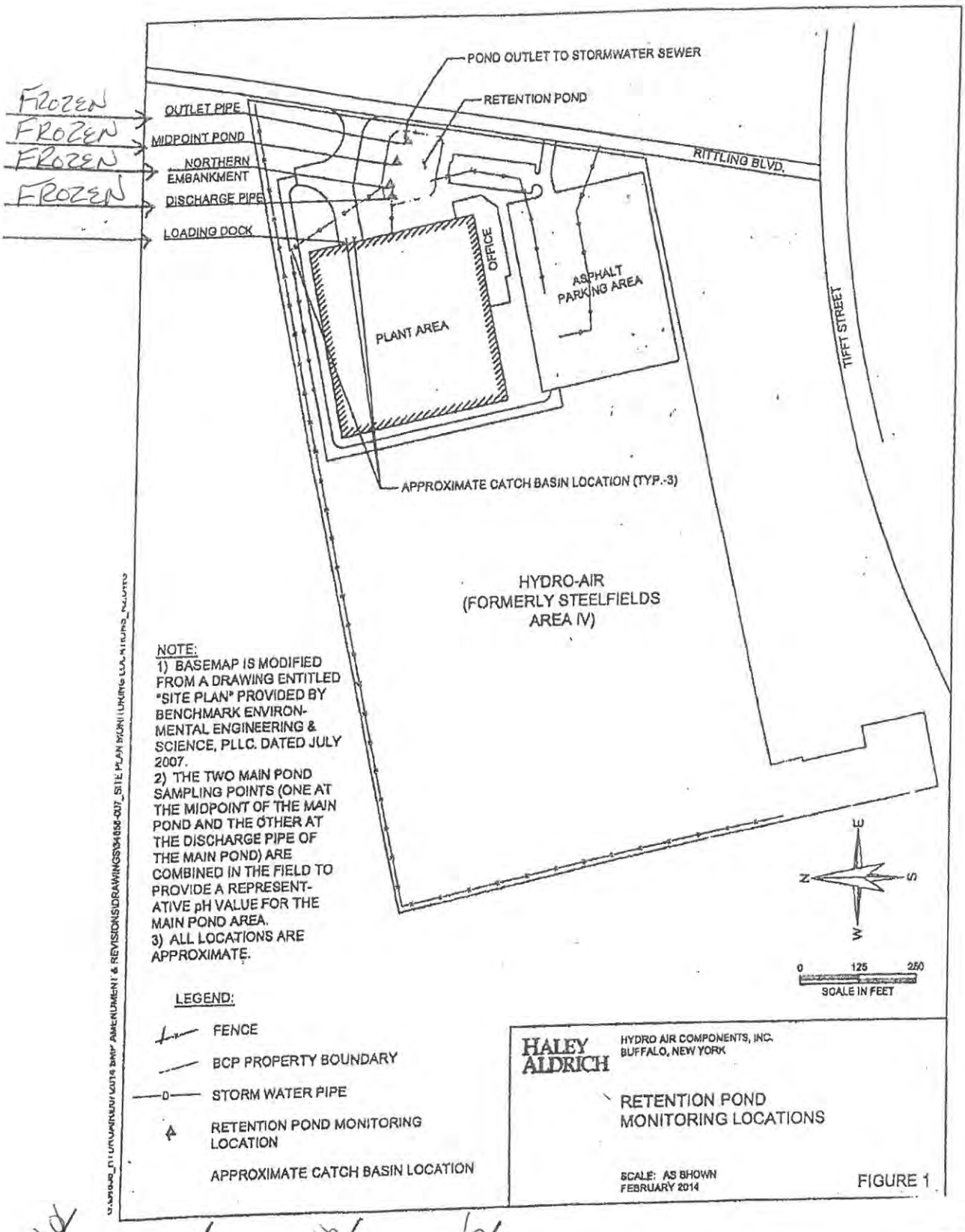
Magnehelic Readings

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
#4 N.W. Corner Cell 200
#5 S.W. Corner Cell 100

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
1/31/2023	1.15	1.45	1.60	1.60	1.65	1.49
2/28/2023	1.05	1.40	1.55	1.55	1.65	1.15
3/30/2023	.95	1.45	1.65	1.65	1.65	1.23
4-25-2023	1.00	1.40	1.55	1.60	1.65	1.14
5-26-2023	1.05	1.45	1.60	1.65	1.70	1.38
6-28-2023	1.05	1.50	1.65	1.70	1.75	1.54
7-31-2023	1.10	1.50	1.65	1.65	1.75	1.57
8-31-2023	1.05	1.50	1.65	1.65	1.75	1.50
9-28-2023	1.10	1.60	1.70	1.60	1.70	1.62
10-26-2023	1.05	1.60	1.70	1.65	1.70	1.60
11-27-2023	1.10	1.60	1.55	1.55	1.65	1.58
12-28-2023	1.10	1.40	1.56	1.54	1.58	1.45
1-30-2024	1.5	1.37	1.53	200	1.54	1.50
2-26-2024	1.05	1.35	1.55	1.50	1.50	1.39
3-28-2024	1.10	1.45	2.60	1.60	1.70	1.69
4-29-2024	1.20	1.34	1.54	1.54	1.56	1.43
5-30-2024	1.10	1.50	1.65	1.65	1.75	1.53
6-28-2024	0.2	1.45	1.65	1.70	1.75	1.35
7-29-2024	.90	1.50	1.60	1.70	1.70	1.48
8-29-2024	.90	1.50	1.63	1.70	1.70	1.48
9-25-2024	.95	1.50	1.75	1.75	1.75	1.54
10-30-2024	.90	1.50	1.65	1.70	1.75	1.5
11-30-2024	.90	1.50	1.65	1.70	1.75	1.5
12-26-2024	.95	1.72	1.70	1.75	1.50	1.42

[redacted]

1:44 PM
1/31/25



SE 1.40

NE 1.55

NW 1.60

SW 1.65

.95
Server Room

324300

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: ZEHNDER-RITTLING Project No.:

Project Location: 100 RITTLING BLVD Client:

Preparer's Name: JACOB CZUBA Date/Time: 1-31-2025 2:00PM

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☐ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.43

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? MANUFACTURING

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

In accordance with

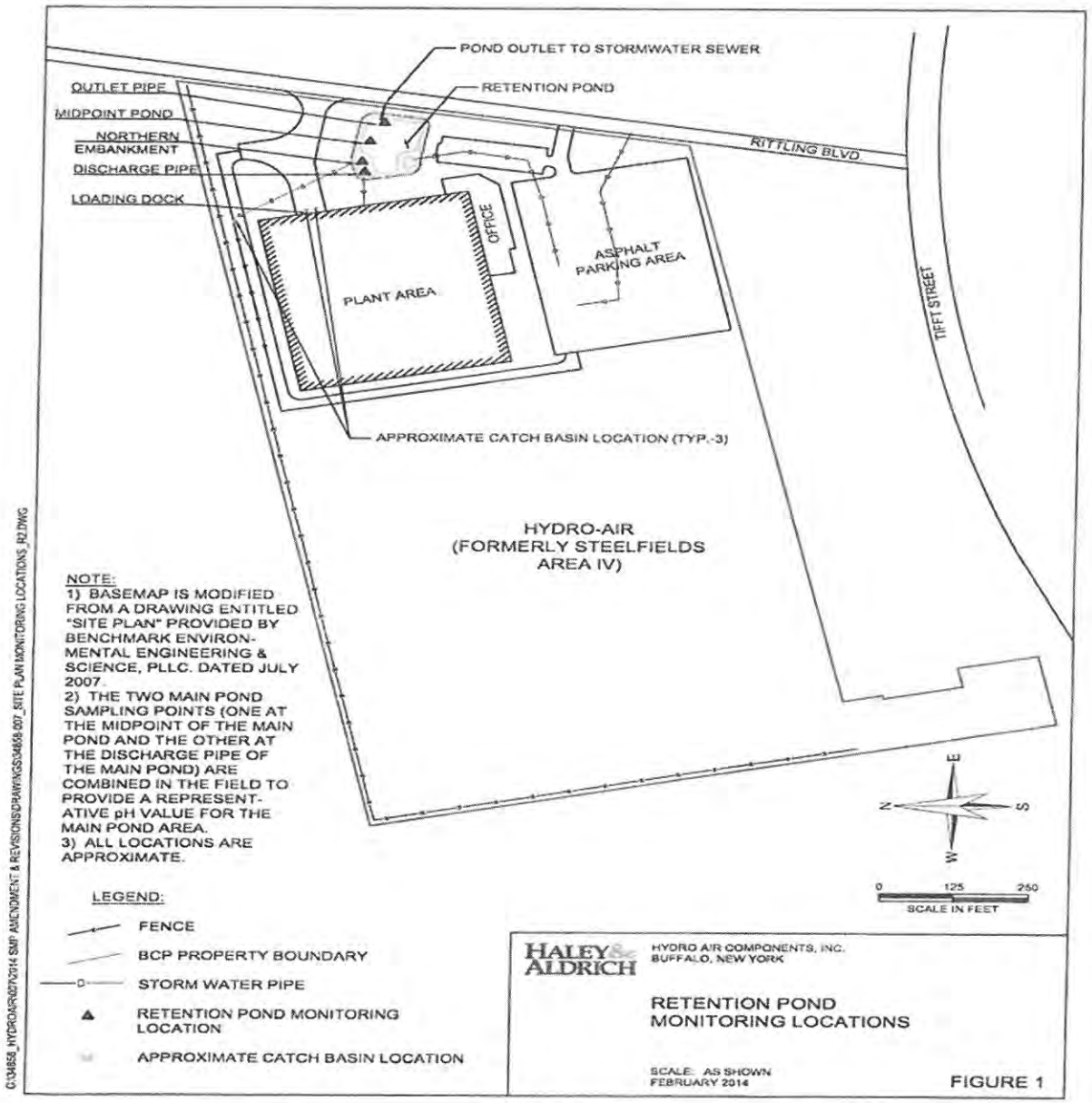
1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Pump Run Time*	Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)					
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)				
Pete Pike	1/31/23 12:00 AM								50,300		FROZEN
Pete Pike	2/28/2023 9:00 AM								196,300		Frozen
Pete Pike	3/30/2023 9:00 AM								275,400		Frozen
Pete Pike	4/28/23 9:00	10	51°	8	47°	6	47°		275.500		Cloudy
Pete Pike	5/26/23 9:00	10	68°	9	65°	6	65°		257.500		Over cast
Pete Pike	6/28/23 9:00	7.5	71°	6	79°	7.5	69°		48,700		Sunny
Pete Pike	7/31/23 9:00 AM	6	65	6	66	6.5	67		57,100		Cloudy
Pete Pike	8/34/23 9:00 AM	7.5	59	7.5	58	6	56		51,600		Sunny
Pete Pike	9/28/23 9:00 A	7	44°	7.5	42°	5.5	40°		43,800		Sunny
Pete Pike	10-26-23 9:00	6.5	44°	7	43°	6	41°		40,500		Sunny
J. Stephens	11-27-2023	6	39°	6	40°	9	44°		348,400		Cold - Cloudy
J. Stephens	12-28-2023	frozen			10:00 AM				191,300		frozen
J. Stephens	1-30-2024	frozen			7:00 AM	5	38.1		309,200		frozen
J. Stephens	2-26-2024	10	39.5°	7	38.8				170,000		Sunny
J. Stephens	3-28-2024	10	51.4°	6	47.4				125,800		Sunny
J. Stephens	4-29-2024	6	56.°	6	55°				346,600		Sunny
J. Stephens	5-30-2024	11	59.5°	5	52.7				104,800		Sunny
J. Stephens	6-28-2024								85,500		Sunny
J. Stephens	7-29-2024	8.0	67.2	6.0	63.5				98,000		Sunny
J. Stephens	8-29-2024	6.0	64.2	6.0	65.3				17,400		Sunny
J. Stephens	9-25-2024	12	70.8	12	64.6				41,100		Cloudy
J. Stephens	10-30-2024	7.0	64	7.0	62.2				77,200 gal		Sunny
J. Stephens	10-30-2024	9.0	66°	7.5	65°				80,000 gal		Cloudy
J. Stephens	12-28-2024	7.5	58°	7.0	55°				100,000 gal		Cloudy
J. Stephens	12-28-2024	frozen			2:00 PM						
J Czuba	1-31-2025	FROZEN			2:00 PM				324300		OVERCAST

Date: 2-21-2025

Time: 6:30AM

Outlet Pipe: FROZEN Midpoint Pond FROZEN Northern Embankment FROZEN
Discharge Pipe FROZEN



SE	NE	NW	SW	Server Room	Gallons
1.45	1.60	1.65	1.70	1.0	3600

Loading Dock Discharge Monitoring Form
Hydro-Air Components, Inc.
BCP Site #C915204, Buffalo, NY

In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)				
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)			
J. CZUBA	2-21-2025						FROZEN 6:30 AM	3600 GAL	OVERCAST	

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
#4 N.W. Corner Cell 200
#5 S.W. Corner Cell 100

Magnehelic Reading

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
2-21-2025	1.0	1.45	1.60	1.65	1.70	1.48

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: ZEHNDER-RITTLING Project No.:

Project Location: 100 RITTLING BLVD. Client:

Preparer's Name: JACOB CZUBA Date/Time: 2-21-2025

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.48

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? MANUFACTURING

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

BENCHMARK
ENVIRONMENTAL
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SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Project Name: ZEHNDER-RITLING Project No.:

Project Location: 100 RITLING BLVD Client:

Preparer's Name: JAKE CZUBA Date/Time: 3-31-2025 1:00PM

Notes:

Monthly Operating Status:

System(s) currently running? ☑ yes ☐ no

Has the system been off-line in the past month? ☐ yes ☑ no

If yes, please list the dates and brief description why (i.e. maintenance, part replacement, etc.):

What is the current Vacuum reading? 1.48

Visual Inspection:

Any piping disconnected?	☐ yes	☑ no
Any cracks visible in piping?	☐ yes	☑ no
Any new cracks visible in slab floor?	☐ yes	☑ no
Magnehelic guage reading 0?	☐ yes	☑ no

If yes to any question above, please provide more information below.

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Monthly Operation & Maintenance Log
Active Sub-Slab Depressurization System

Change in Occupancy / Use of Space:

Please indicate general use of floor space? MANUFACTURING

Has this general use changed in the past month? ☐ yes ☑ no

If yes, please explain:

System Modifications:

Have any modifications been made to the Sub-Slab Depressurization System? ☐ yes ☑ no

If so, please list with date:

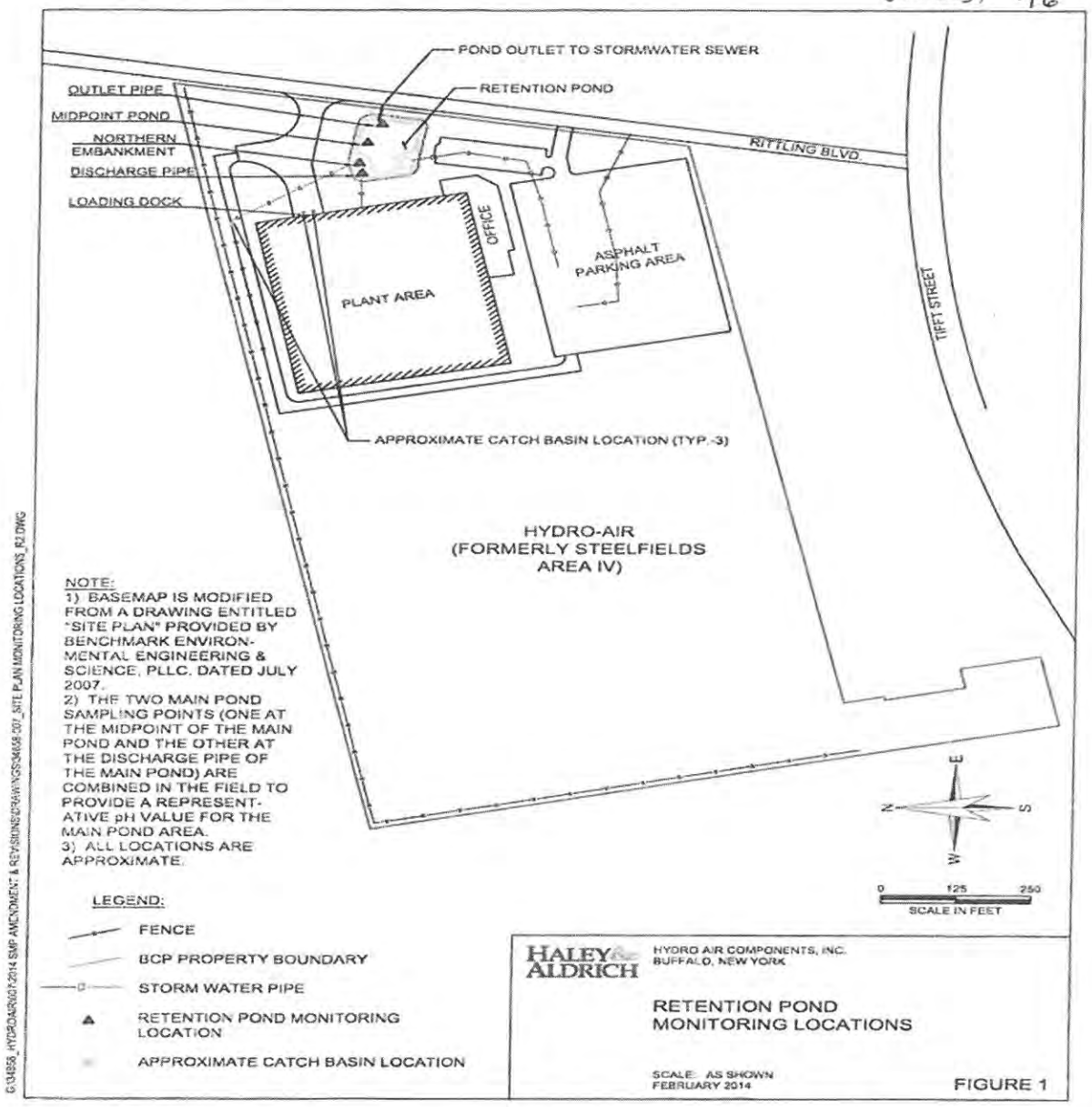
Date: 3/31/25

Time: 1:00 PM

Outlet Pipe: 8.7 51.3° Midpoint Pond 9.3 52.5° Northern Embankment 10.1 54.3°

Discharge Pipe 11.4 64°

Overcast 46°



SE	NE	NW	SW	Server Room	Gallons
1.45	1.60	1.65	1.70	1.0	107400

Loading Dock Discharge Monitoring Form
Hydro-Air Components, Inc.
BCP Site #C915204, Buffalo, NY

In accordance with

1. ph and temperature of a representative water from the 4 locations indicated on Figure 1.
2. weather conditions (general- wet/ dry, avg temp) since last measurement
3. estimated volume of water pumped from loading dock (based upon pump run time data)
4. notes on condition of pond (visual)

Staff Member	Date of Measure-ment	Measurement Location						Est. Quantity of Water **	Visual Condition of Pond (color, vegetation, etc.)	Comments (e.g. weather conditions, etc)
		Discharge Pipe		Northern Embayment		Main Pond (Combined Samples)				
		ph	Temp (°F)	ph	Temp (°F)	ph	Temp (°F)			
J. CZUBA	2-21-2025	FROZEN						3600 GAL	OVERCAST	6:30 AM
J. CZUBA	3-31-2025	11.4	64°	10.1	54°	9.8	55.5	107400 GAL	OVERCAST	

#1 Server Room Office
#2 S.E. Corner Cell 600/800
#3 N.E. Corner Warehouse
#4 N.W. Corner Cell 200
S.W. Corner Cell 100

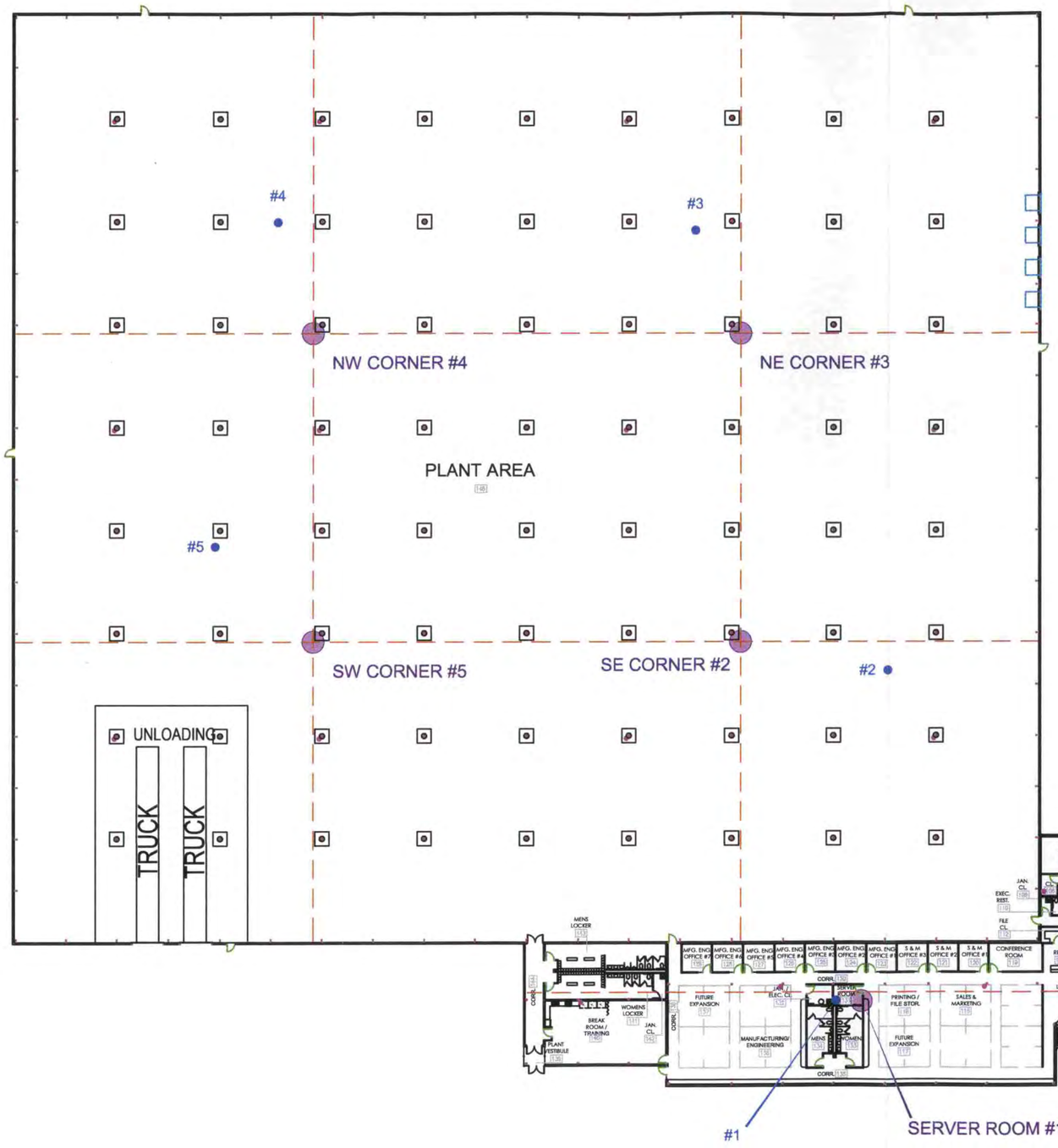
Magnehelic Reading

Date	#1 Server Room	#2 S.E. Corner	#3 N.E. Corner	#4 N.W. Corner	#5 S.W. Corner	Average
2-21-2025	1.0	1.45	1.60	1.65	1.70	1.48
3-31-2025	1.0	1.45	1.60	1.65	1.70	1.48

N

LEGEND:

- TYPICAL BUILDING PIER & FOOTER
- MAGNAHELIC GAUGE LOCATION (TYP. OF 5)
- 12 INCHES WIDE x 8 INCHES DEEP TRENCH FILLED WITH CLEAN NO. 2 STONE
- #1 ASD VERIFICATION SAMPLE LOCATION



600' 0' 600' 1200'

SCALE: 1 INCH = 600 FEET
SCALE IN FEET
(approximate)

F:\CAD\Benchmark\Hydro-Air\Active Subslab Depressurization System\Figure 1; ASD System & Post Installation Sample Locations.dwg
DATE: JULY 2007
DRAFTED BY: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0599

JOB NO.: 0107-002-300

ASD SYSTEM & POST-INSTALLATION SAMPLE LOCATIONS

HYDRO-AIR SITE
BUFFALO, NEW YORK

PREPARED FOR
HYDRO-AIR COMPONENTS, INC.

FIGURE 1

APPENDIX F
ORC Well Decommissioning Documentation

FIGURE 3

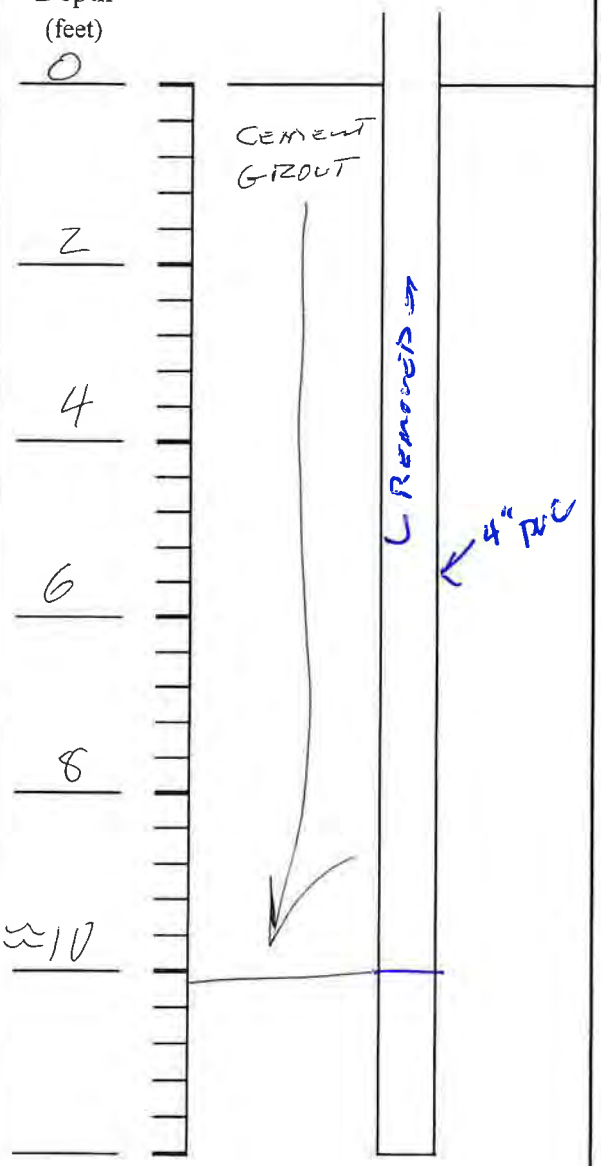
WELL DECOMMISSIONING RECORD

Site Name: ZEHNDER RITTLING	Well I.D.: ORC-1
Site Location: 100 RITTLING BLVD BUFFALO	Driller: STEVE GINGRICH
Drilling Co.: NW CONTRACTING	Inspector: ———
	Date: 3/10/25

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	—
Drilling Method(s)	—
Borehole Dia. (in.)	—
Temporary Casing Installed? (y/n)	—
Depth temporary casing installed	—
Casing type/dia. (in.)	—
Method of installing	—
CASING PULLING	
Method employed	HAND
Casing retrieved (feet) (INCLUDES STICK UP)	±14 FT
Casing type/dia. (in)	4" DVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	10'-0'
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	≈ 7
Quantity of cement used (lbs.)	≈ 80
Cement type	TYPE I
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	≈10
Volume of grout used (gal.)	≈10

WELL SCHEMATIC*



COMMENTS: CEMENT MIXED IN A PAIL WITH DRILL/PADDLE VOLUMES ARE APPROX.

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

NW CONTRACTING
Drilling Contractor

Department Representative

FIGURE 3

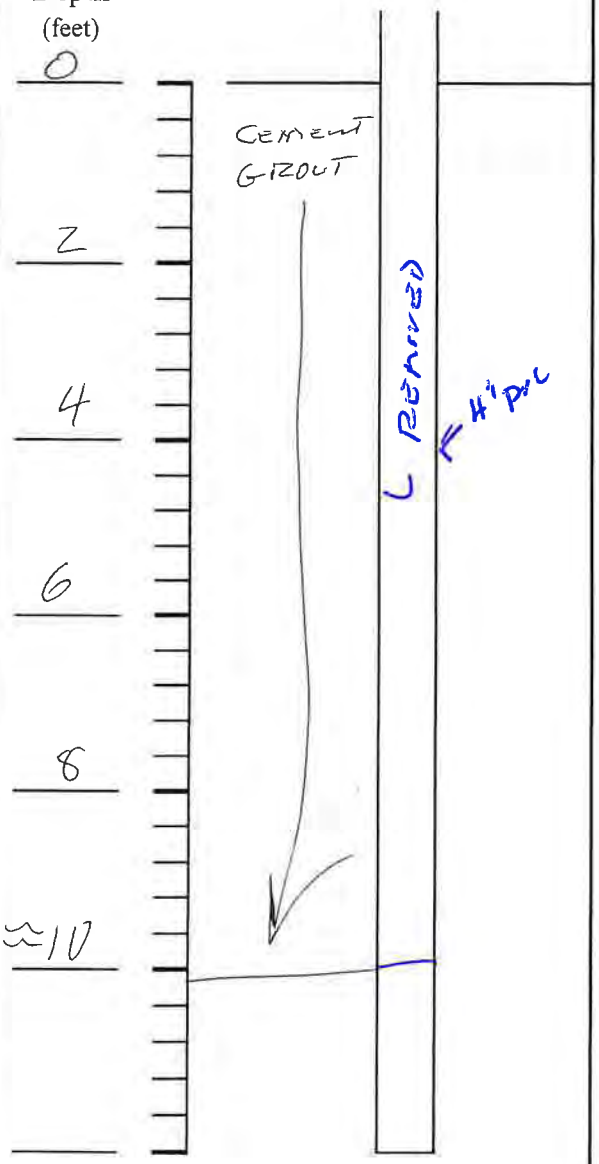
WELL DECOMMISSIONING RECORD

Site Name: ZEHNDER RITTLING	Well I.D.: ORC-2
Site Location: 100 RITTLING BLVD BUFFALO	Driller: STEVE OINGRICH
Drilling Co.: NW CONTRACTING	Inspector: —
	Date: 3/10/25

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	—
Drilling Method(s)	—
Borehole Dia. (in.)	—
Temporary Casing Installed? (y/n)	—
Depth temporary casing installed	—
Casing type/dia. (in.)	—
Method of installing	—
CASING PULLING	
Method employed	HAND
Casing retrieved (feet) INCLUDES STICK UP	±14 FT
Casing type/dia. (in)	4" DVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	10'-0'
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	≈ 7
Quantity of cement used (lbs.)	≈ 80
Cement type	TYPE I
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	≈10
Volume of grout used (gal.)	≈10

WELL SCHEMATIC*



COMMENTS: CEMENT MIXED IN A PAIL WITH DRILL/PADDLE VOLUMES ARE APPROX.

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

NW CONTRACTING
Drilling Contractor

Department Representative

FIGURE 3

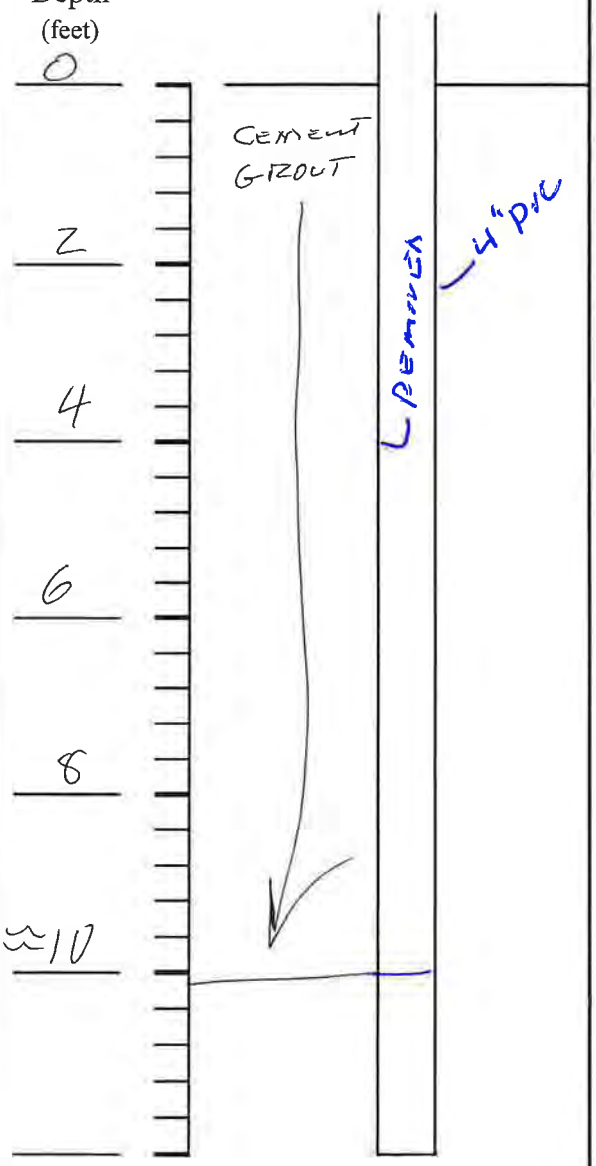
WELL DECOMMISSIONING RECORD

Site Name: ZEHNDER RITTLING	Well I.D.: ORC-3
Site Location: 100 RITTLING BLVD BUFFALO	Driller: STEVE GINGRICH
Drilling Co.: NW CONTRACTING	Inspector: —
	Date: 3/10/25

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	—
Drilling Method(s)	—
Borehole Dia. (in.)	—
Temporary Casing Installed? (y/n)	—
Depth temporary casing installed	—
Casing type/dia. (in.)	—
Method of installing	—
CASING PULLING	
Method employed	HAND
Casing retrieved (feet) (INCLUDES STICK UP)	±14 FT
Casing type/dia. (in)	4" DVC
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	10'-0'
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	≈ 7
Quantity of cement used (lbs.)	≈ 80
Cement type	TYPE I
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	≈ 10
Volume of grout used (gal.)	≈ 10

WELL SCHEMATIC*



COMMENTS: CEMENT MIXED IN A PAIL WITH DRILL/PADDLE VOLUMES ARE APPROX.

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

NW CONTRACTING
Drilling Contractor

Department Representative

APPENDIX G
Groundwater Sampling Field Monitoring Forms

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

Page | of |

PROJECT	Hydro Air Sampling	H&A FILE NO.	
LOCATION	Buffalo NY	PROJECT MGR.	JAJ
CLIENT	Zehnder Rittling	FIELD REP	
CONTRACTOR	NW Contracting	SAMPLING DATE	10/25/24

10/25/2024

Sampling Data:

1 well vol = 1.1 gal

Well ID:	MW-5R	Well Depth:	11.55 ft	Initial Depth To Water:	5.03 ft	Purging Device:	Peristaltic
Start time:	12:20	Depth To Top Of Screen:	ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☒ Yes ☐ No
Finish Time:	12:50	Depth To Bottom Of Screen:	ft	Date Well Installed:		Tubing Type:	3/8" OP

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- %	pH +/-	mS/cm Conduct-ivity ~~(us/cm)~~ +/- %	Dissolved Oxygen (mg/L) +/- %	Turbidity (NTU) < NTU	ORP/eH (mv) +/- ___ mv	Comments
0	5.03		"	0	[illegible]	[illegible]				[illegible]	
12:20	8.38		.2	1.2	16.6	7.45	1.41	4.10	15	-122	
6 12:26	9.83		.3	3.0	16.6	7.34	1.47	7.73	0	-165	
6 12:32	Dry		.25	4.5	16.5	7.37	1.15	7.96	16	-171	Dry at 4.5 Gallons
											Recharge, for 5 min, dried up again
											Sample @ 12:50

Form 3010

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT: Hydro Air Sampling
LOCATION: Buffalo NY
CLIENT: Zehnder Rittling
CONTRACTOR: NW Contracting
10/25/2024

H&A FILE NO.:
PROJECT MGR.: JAJ
FIELD REP.:
SAMPLING DATE: 10/25/24

Sampling Data: 1 well volume = 1.5 gallons

Well ID: MW-7R
Start time: 10:05
Finish Time: 10:45
Well Depth: 13.60 ft
Depth To Top Of Screen: ft
Depth To Bottom Of Screen: ft
Initial Depth To Water: 4.43 ft
Depth Of Pump Intake: ft
Date Well Installed:
Purging Device: Peristaltic
Tubing Present In Well: [X] Yes [ ] No
Tubing Type: 3/8" OD

	Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temperature (°F) or (°C) +/- ___%	pH +/-	mS/cm Conductivity (~~uS/cm~~) +/- ___%	Dissolved Oxygen (mg/L) +/- ___%	Turbidity (NTU) < ___ NTU	ORP/eH (mv) +/- ___ mv	Comments
	10:05 AM	4.43			0							
6	10:11	8.74		.25	1.5	13.9	5.94	4.03	3.54	17	-65	
4	10:15	9.17		.37	3.0	14.2	6.03	3.82	8.22	0	-91	
4	10:19	9.22		.25	4.0	14.4	6.19	3.48	1.40	0	-112	
6	10:25	9.20		.16	5.0	14.5	6.30	3.31	2.09	0	-125	
7	10:32	9.06		.14	6.0	14.5	6.46	3.17	4.06	0	-143	Stop
13	10:45	7.93		.11	7.5	14.6	6.70	3.10	2.06	0	-138	Sample at 10:45 AM

Form 3010

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Hydro Air Sampling	H&A FILE NO.	
LOCATION	Buffalo NY	PROJECT MGR.	JAJ
CLIENT	Zehnder Rittling	FIELD REP	
CONTRACTOR	NW Contracting	SAMPLING DATE	10/25/24

10/25/2024

Sampling Data: 1 well volume = 1.5 gallons

Well ID:	MW-8R	Well Depth:	15.20 ft	Initial Depth To Water:	6.21 ft	Purging Device:	Peristaltic
Start time:	9:10 Am	Depth To Top Of Screen:	ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☒ Yes ☐ No
Finish Time:	10:00 Am	Depth To Bottom Of Screen:	ft	Date Well Installed:		Tubing Type:	3/8 OD

	Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temperature (°F) or (°C) +/- %	pH +/-	mS/cm Conductivity ~~(us/cm)~~ +/- %	Dissolved Oxygen (mg/L) +/- _ %	Turbidity (NTU) < NTU	ORP/eH (mv) +/- ___ mv	Comments
	9:10 Am	6.21			0							
7	9:17 Am	9.05		.2	1.5	13.0	5.98	5.29	2.53	23	-88	
5	9:22 Am	9.48		.3	3	13.4	6.10	5.25	1.59	4.1	-103	
5	9:27 Am	9.48		.4	5	13.4	6.30	5.33	2.78	0	-108	
5	9:32 Am	9.47		.2	6	13.6	6.33	5.41	1.98	0	-117	
9	9:41	9.38		.1	7	13.5	6.37	5.34	1.96	0	-124	
												Sampled at 10:00
												Broke one 40mL jar

Form 3010

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Hydro Air Sampling	H&A FILE NO.	
LOCATION	Buffalo NY	PROJECT MGR.	JAJ
CLIENT	Zehnder Rittling	FIELD REP	
CONTRACTOR	NW Contracting	SAMPLING DATE	10/25/24

10/25/2024

Sampling Data: 1 well volume = 1 gallon

Well ID:	MW-9	Well Depth:	13.50 ft	Initial Depth To Water:	7.31 ft	Purging Device:	Peristaltic
Start time:	8:15 AM	Depth To Top Of Screen:	ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☒ Yes ☐ No
Finish Time:	8:50 AM	Depth To Bottom Of Screen:	ft	Date Well Installed:		Tubing Type:	3/8 OD

	Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temperature (°F) or (°C) +/- %	pH +/-	mS/cm Conductivity ~~(us/cm)~~ +/- %	Dissolved Oxygen (mg/L) +/- %	Turbidity (NTU) * NTU	ORP/eH (mv) +/- mv	Comments
	8:15 AM	7.31			0				8.95			1 well vol = 1 gal
6m	8:21 AM	9.20		.16	1	14.2	6.87	3.99	[illegible]	0	-145	
4m	8:25 AM	10.55		.5	2	14.2	6.52	5.01	2.90	0	-149	
5m	8:30 AM	11.21		.2	3	14.1	6.50	5.15	4.50	0	-146	
5m	8:35 AM	12.13		.2	4	14.1	6.45	5.40	8.17	0	-147	START TWO TO GO DRY AT 5
5m	8:40 AM	Dry		.4	6	13.8	6.37	5.47	8.18	0	-141	Dry after 6 gallons
												Sample 8:45

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT: Hydro Air Sampling
LOCATION: Buffalo NY
CLIENT: Zehnder Rittling
CONTRACTOR: NW Contracting
10/25/2024
H&A FILE NO.:
PROJECT MGR.: JAJ
FIELD REP.:
SAMPLING DATE: 10/25/24

Sampling Data: 1 mil volume = 1.2 gallons

Well ID: MW-10 | Well Depth: 15.55 ft | Initial Depth To Water: 7.96 ft | Purging Device: Peristaltic
Start time: 11:00 | Depth To Top Of Screen: ft | Depth Of Pump Intake: ft | Tubing Present In Well: [X] Yes [ ] No
Finish Time: 11:43 | Depth To Bottom Of Screen: ft | Date Well Installed: | Tubing Type: 3/8" OD

	Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temperature (°F) or (°C) +/- %	pH +/-	Conductivity ~~(us/cm)~~ mS/cm +/- %	Dissolved Oxygen (mg/L) +/- %	Turbidity (NTU) < NTU	ORP/eH (mv) +/- mv	Comments
	11:00	7.96			0							
6	11:06	10.10		.25	1.5	14.8	6.76	3.44	1.95	0	-116	
8	11:14	11.31		.18	3.0	14.36	6.90	3.43	1.78	0	-128	
8	11:22	12.65		.18	4.5	13.95	6.82	3.51	1.47	0	-134	
6	11:28	13.25		.25	6.0	13.86	6.97	3.46	9.95	4.4	-120	
												Sample @ 11:43

APPENDIX H
Groundwater Analytical Data

ANALYTICAL REPORT

Lab Number:	L2462498
Client:	NW Contracting 3553 Crittenden Rd Alden, NY 14004
ATTN:	Jerry Jones
Phone:	(716) 937-6527
Project Name:	ZEHNDER RITTLING
Project Number:	Not Specified
Report Date:	11/05/24

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: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2462498-01	MW-9	WATER	BUFFALO, NY	10/25/24 08:45	10/25/24
L2462498-02	MW-8R	WATER	BUFFALO, NY	10/25/24 10:00	10/25/24
L2462498-03	MW-7	WATER	BUFFALO, NY	10/25/24 10:45	10/25/24
L2462498-04	MW-10	WATER	BUFFALO, NY	10/25/24 11:45	10/25/24
L2462498-05	MW-5	WATER	BUFFALO, NY	10/25/24 12:50	10/25/24
L2462498-06	TRIP BLANK	WATER	BUFFALO, NY	10/25/24 00:00	10/25/24

Project Name:	ZEHNDER RITTLING	**Lab Number:**	L2462498
Project Number:	Not Specified	**Report Date:**	11/05/24

Case Narrative

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

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

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

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

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

Project Name:	ZEHNDER RITTLING	**Lab Number:**	L2462498
Project Number:	Not Specified	**Report Date:**	11/05/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2462498-01, -02, -03, -04, and -05: Sample containers for Volatile Organics were received, but not listed on the chain of custody. At the client's request, the analysis was performed.

L2462498-06: A sample identified as "TRIP BLANK" was received, but not listed on the chain of custody. At the client's request, this sample was analyzed.

Volatile Organics

L2462498-04: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Total Metals

L2462498-01 and -02: The sample has elevated detection limits due to the dilution required by the sample matrix.

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

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 11/05/24

ORGANICS

VOLATILES

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-01
Client ID: MW-9
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 08:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/31/24 11:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	1.0		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
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
Xylenes, Total	ND		ug/l	2.5	0.70	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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	127		70-130

Project Name: ZEHNDER RITTLING **Lab Number:** L2462498

Project Number: Not Specified **Report Date:** 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-02 D
Client ID: MW-8R
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 10:00
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/31/24 12:51
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	7400		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Methyl tert butyl ether	ND		ug/l	250	17.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
Xylenes, Total	ND		ug/l	250	70.	100
n-Butylbenzene	ND		ug/l	250	70.	100
sec-Butylbenzene	ND		ug/l	250	70.	100
tert-Butylbenzene	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
p-Isopropyltoluene	ND		ug/l	250	70.	100
Naphthalene	ND		ug/l	250	70.	100
n-Propylbenzene	ND		ug/l	250	70.	100
1,3,5-Trimethylbenzene	ND		ug/l	250	70.	100
1,2,4-Trimethylbenzene	ND		ug/l	250	70.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	115		70-130

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 10:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/31/24 11:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	24		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
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
Xylenes, Total	ND		ug/l	2.5	0.70	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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	116		70-130

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-04
Client ID: MW-10
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 11:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/31/24 12:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	5.2		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
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
Xylenes, Total	ND		ug/l	2.5	0.70	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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	126		70-130

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-05
Client ID: MW-5
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 12:50
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/31/24 12:29
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	8.8		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
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
Xylenes, Total	ND		ug/l	2.5	0.70	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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	124		70-130

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-06
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 00:00
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/29/24 11:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
Xylenes, Total	ND		ug/l	2.5	0.70	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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	120		70-130

Project Name: ZEHNDER RITTLING
Project Number: Not Specified
Lab Number: L2462498
Report Date: 11/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/29/24 11:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1991007-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	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
Xylenes, Total	ND		ug/l	2.5	0.70
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
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	120		70-130

Project Name: ZEHNDER RITTLING
Project Number: Not Specified
Lab Number: L2462498
Report Date: 11/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/31/24 10:19
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1991813-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	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
Xylenes, Total	ND		ug/l	2.5	0.70
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
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	127		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1991007-3 WG1991007-4								
Benzene	98		100		70-130	2		20
Toluene	100		110		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Methyl tert butyl ether	90		97		63-130	7		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		110		70-130	5		20
n-Butylbenzene	120		120		53-136	0		20
sec-Butylbenzene	120		120		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	95		100		70-130	5		20
n-Propylbenzene	120		120		69-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	125		126		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	117		115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1991813-3 WG1991813-4								
Benzene	91		97		70-130	6		20
Toluene	97		100		70-130	3		20
Ethylbenzene	100		110		70-130	10		20
Methyl tert butyl ether	78		76		63-130	3		20
p/m-Xylene	100		110		70-130	10		20
o-Xylene	100		110		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	99		110		70-130	11		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	99		110		70-130	11		20
Naphthalene	85		86		70-130	1		20
n-Propylbenzene	110		120		69-130	9		20
1,3,5-Trimethylbenzene	97		100		64-130	3		20
1,2,4-Trimethylbenzene	92		100		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	128		120		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	121		119		70-130

METALS

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-01
Client ID: MW-9
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 08:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01099		mg/l	0.00500	0.00165	10	10/29/24 23:36	11/04/24 18:19	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00199	J	mg/l	0.01000	0.00178	10	10/29/24 23:36	11/04/24 18:19	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.01000	0.00343	10	10/29/24 23:36	11/04/24 18:19	EPA 3005A	1,6020B	NTB

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-02
Client ID: MW-8R
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 10:00
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01942		mg/l	0.00500	0.00165	10	10/29/24 23:36	11/04/24 18:35	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.01000	0.00178	10	10/29/24 23:36	11/04/24 18:35	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.01000	0.00343	10	10/29/24 23:36	11/04/24 18:35	EPA 3005A	1,6020B	NTB

Project Name: ZEHNDER RITTLING
Project Number: Not Specified
Lab Number: L2462498
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-03
Client ID: MW-7
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 10/25/24 10:45
Date Received: 10/25/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00419		mg/l	0.00050	0.00016	1	10/29/24 23:36	11/04/24 18:40	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00224		mg/l	0.00100	0.00017	1	10/29/24 23:36	11/04/24 18:40	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/29/24 23:36	11/04/24 18:40	EPA 3005A	1,6020B	NTB

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-04
Client ID: MW-10
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 11:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01490		mg/l	0.00050	0.00016	1	10/29/24 23:36	11/04/24 18:44	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00096	J	mg/l	0.00100	0.00017	1	10/29/24 23:36	11/04/24 18:44	EPA 3005A	1,6020B	NTB
Lead, Total	0.00103		mg/l	0.00100	0.00034	1	10/29/24 23:36	11/04/24 18:44	EPA 3005A	1,6020B	NTB

Project Name: ZEHNDER RITTLING
Lab Number: L2462498
Project Number: Not Specified
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-05
Client ID: MW-5
Sample Location: BUFFALO, NY
Date Collected: 10/25/24 12:50
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01247		mg/l	0.00050	0.00016	1	10/29/24 23:36	11/04/24 18:49	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00212		mg/l	0.00100	0.00017	1	10/29/24 23:36	11/04/24 18:49	EPA 3005A	1,6020B	NTB
Lead, Total	0.00153		mg/l	0.00100	0.00034	1	10/29/24 23:36	11/04/24 18:49	EPA 3005A	1,6020B	NTB

Project Name: ZEHNDER RITTLING
Project Number: Not Specified
Lab Number: L2462498
Report Date: 11/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1990663-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/29/24 23:36	11/04/24 14:31	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/29/24 23:36	11/04/24 14:31	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/29/24 23:36	11/04/24 14:31	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: ZEHNDER RITTLING

Project Number: Not Specified

Lab Number: L2462498

Report Date: 11/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1990663-2								
Arsenic, Total	103		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1990663-3 WG1990663-4 QC Sample: L2462372-01 Client ID: MS Sample												
Arsenic, Total	0.00037J	0.12	0.1296	108		0.1253	104		75-125	3		20
Chromium, Total	0.00071J	0.2	0.2229	111		0.2137	107		75-125	4		20
Lead, Total	ND	0.53	0.5303	100		0.5164	97		75-125	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-01
Client ID: MW-9
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 08:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	288.		mg CaCO3/L	2.00	NA	1	-	10/31/24 09:15	121,2320B	MKT
Cyanide, Total	2.44		mg/l	0.050	0.018	10	10/30/24 19:40	10/31/24 12:08	1,9010C/9012B	KEM

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-02
Client ID: MW-8R
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 10:00
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	855.		mg CaCO3/L	4.00	NA	2	-	10/31/24 11:20	121,2320B	MKT
Cyanide, Total	0.189		mg/l	0.005	0.001	1	10/30/24 19:40	10/31/24 12:09	1,9010C/9012B	KEM

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 10:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	189.		mg CaCO3/L	2.00	NA	1	-	10/31/24 09:34	121,2320B	MKT
Cyanide, Total	0.342		mg/l	0.005	0.001	1	10/30/24 19:40	10/31/24 11:21	1,9010C/9012B	KEM

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-04
Client ID: MW-10
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 11:45
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	1200		mg CaCO3/L	4.00	NA	2	-	10/31/24 13:05	121,2320B	MKT
Cyanide, Total	0.035		mg/l	0.005	0.001	1	10/30/24 19:40	10/31/24 11:24	1,9010C/9012B	KEM

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

SAMPLE RESULTS

Lab ID: L2462498-05
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 10/25/24 12:50
Date Received: 10/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	567.		mg CaCO3/L	4.00	NA	2	-	10/31/24 11:41	121,2320B	MKT
Cyanide, Total	1.52		mg/l	0.025	0.009	5	10/30/24 19:40	10/31/24 12:10	1,9010C/9012B	KEM

Project Name: ZEHNDER RITTLING
Project Number: Not Specified
Lab Number: L2462498
Report Date: 11/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1991133-1										
Cyanide, Total	ND		mg/l	0.050	0.018	1	10/30/24 19:40	10/31/24 11:03	1,9010C/9012B	KEM
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1991345-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	10/31/24 08:27	121,2320B	MKT

Lab Control Sample Analysis

Batch Quality Control

Project Name: ZEHNDER RITTLING

Project Number: Not Specified

Lab Number: L2462498

Report Date: 11/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1991133-2 WG1991133-3								
Cyanide, Total	103		101		85-115	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1991345-2								
Alkalinity, Total	99		-		90-110	-		10

Matrix Spike Analysis
Batch Quality Control

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1991133-4 WG1991133-5 QC Sample: L2462427-04 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.199	100		0.203	102		80-120	4		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1991133-6 WG1991133-7 QC Sample: L2462427-05 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.196	98		0.200	100		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1991345-4 QC Sample: L2462427-02 Client ID: MS Sample												
Alkalinity, Total	6.84	100	112	105		-	-		86-116	-		10

Lab Duplicate Analysis

Batch Quality Control

Project Name: ZEHNDER RITTLING

Project Number: Not Specified

Lab Number: L2462498

Report Date: 11/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1991345-3 QC Sample: L2462427-02 Client ID: DUP Sample						
Alkalinity, Total	6.84	6.28	mg CaCO3/L	9		10

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2462498-01A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-01B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-01C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		CR-6020T(180),PB-6020T(180),AS-6020T(180)
L2462498-01E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L2462498-01F	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2462498-02A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-02B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		CR-6020T(180),PB-6020T(180),AS-6020T(180)
L2462498-02E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L2462498-02F	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2462498-03A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-03B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-03C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-03D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		CR-6020T(180),PB-6020T(180),AS-6020T(180)
L2462498-03E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L2462498-03F	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2462498-04A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-04B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-04C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-04D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		CR-6020T(180),PB-6020T(180),AS-6020T(180)
L2462498-04E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L2462498-04F	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)

*Values in parentheses indicate holding time in days

Project Name: ZEHNDER RITTLING
Project Number: Not Specified

Lab Number: L2462498
Report Date: 11/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2462498-05A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-05B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-05C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-05D	Plastic 250ml HNO3 preserved	A	<2	<2	3.4	Y	Absent		CR-6020T(180),PB-6020T(180),AS-6020T(180)
L2462498-05E	Plastic 250ml NaOH preserved	A	>12	>12	3.4	Y	Absent		TCN-9010(14)
L2462498-05F	Plastic 250ml unpreserved/No Headspace	A	NA		3.4	Y	Absent		ALK-T-2320(14)
L2462498-06A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)
L2462498-06C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYCP51-8260-G(14)

*Values in parentheses indicate holding time in days

Project Name:	ZEHNDER RITTLING	**Lab Number:**	L2462498
Project Number:	Not Specified	**Report Date:**	11/05/24

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	ZEHNDER RITTLING	**Lab Number:**	L2462498
Project Number:	Not Specified	**Report Date:**	11/05/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	ZEHNDER RITTLING	**Lab Number:**	L2462498
Project Number:	Not Specified	**Report Date:**	11/05/24

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name: ZEHNDER RITTLING
Project Number: Not Specified
Lab Number: L2462498
Report Date: 11/05/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; 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, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

Serial_No:11052410:35

L2462498 01NOV24
NATURESWAY-1

NEW YORK CHAIN OF CUSTODY

ALPHA

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

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

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

Page of

Date Rec'd in Lab 10/26/24

Client Information

Client: NW CONTRACTING
Address: 3553 CRITTENDEN RD
ALDEN NY 14004
Phone: 716-864-8140
Fax:
Email: JONES@NWCONTRACT.COM

Project Information

Project Name: ZEHNDER RITTLING
Project Location: BUFFALO NY
Project #
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAMDALE FOX HAS DETAILS IF QUESTIONS.

Please specify Metals or TAL.

ANALYSIS

TOTAL CYANIDE / TOTAL ALKALINITY | TOTAL PHENOLS | TOTAL CHROMIUM | TOTAL LEAD

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottles
-01	MW-9	10/24/24	8:45	WATER	JAJ	MW-9	6
-02	MW-8R	10/25/24	10:00	WATER	JAJ	MW-8R MS/MSD	6
-03	MW-7	10/25/24	10:45	WATER	JAJ	MW-7	6
-04	MW-10	10/25/24	11:45	WATER	JAJ	MW-10	6
-05	MW-5	10/25/24	12:50	WATER	JAJ	MW-5	6

Container Type
Preservative

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
	10/25/24	T. BALKIN PACE	10-25-24 14:40
T. BALKIN	10-25-24 15:55		10-25-24 15:55
Russell B Bishop	10-25-24 15:40		10/26/24
	10/26/24 0100		10/26/24 1:00

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