HALEY ALDRICH

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REPORT ON

CORRECTIVE MEASURES WORK PLAN
FORMER STEELFIELDS AREA IV SITE
100 RITTLING BOULEVARD
BUFFALO, NEW YORK
NYSDEC BCP SITE #C915204

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

for review and approval by
New York State Department of Environmental Conservation
Buffalo, New York

File No. 0129356-019
September 2026



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September 18, 2026
File No. 0129356-019

New York State Department of Environmental Conservation
Division of Environmental Remediation - Region 9
700 Delaware Avenue
Buffalo, New York 14209

Attention: Megan Kuczka
Environmental Program Specialist - 2

Subject: Corrective Measures Work Plan
Former Steelfields Area IV Site
100 Rittling Boulevard
Buffalo, New York 14220
NYSDEC BCP Site #C915204

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) submits this Corrective Measures Work Plan (CMWP), to address changes in Engineering Controls (ECs) associated with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site #C915204, designated the Steelfields Area IV Site (the "Site"). The location of the Site is shown on Figure 1 of this CMWP.

This CMWP details the procedures and schedule for placement of cover on an area of the Site located outside of the Niagara Mohawk Power Corporation (NiMo) easement and the Buffalo, Rochester and Pittsburgh Rail Company (BRPRR) easement that was identified as requiring additional cover to satisfy the remedial cover requirements. For ease of reference, the approximate extent of the area requiring cover, which excludes the portion of the Site subject to the NiMo and BRPRR easements, is shown on Figure 2.

This CMWP also details how the soils excavated from within the NiMo and/or BRPRR easements by others and stockpiled on the Site will be appropriately managed and disposed of off-site. Finally, this CMWP presents a schedule to revise the 2014 Site Management Plan (SMP) in order to modify it to reflect the entire area subject to cover after implementation of this CMWP and to be consistent with NYSDEC's current document template.

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



Johanna Lang-Bentley, P.E.
Senior Technical Specialist



Andrew L. Nichols
Senior Project Manager



Glenn M. White, CHMM
Senior Associate

Enclosures

C: Hydro-Air Components, Inc.; Attn: Ryan Panfil
Barclay Damon LLP; Attn: Thomas F. Walsh

https://haleyaldrich.sharepoint.com/sites/HydroAirComponentsInc/Shared Documents/0129356.HydroAir Rittling Blvd/019 - CMWP/Deliverables/2026_CMWP/2026-0918_ HANY_HydroAir_ CMWP_R1-F.docx

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SIGNATURE PAGE FOR

REPORT ON

CORRECTIVE MEASURES WORK PLAN

FORMER STEELFIELDS AREA IV SITE
100 RITTLING BOULEVARD
BUFFALO, NEW YORK
NYSDEC BCP SITE #C915204

PREPARED FOR REVIEW AND APPROVAL BY
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BUFFALO, NEW YORK

PREPARED BY:

Andrew L. Nichols
Senior Project Manager
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REVIEWED AND APPROVED BY:

Johanna Lang-Bentley, P.E.
Senior Technical Specialist
Haley & Aldrich of New York



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1. Background

The Steelfields Area IV Brownfield Cleanup Program (BCP) Site, New York State Department of Environmental Conservation (NYSDEC) Site #C915204, comprises 30.91 acres located at 100 Rittling Boulevard in Buffalo, New York (the "Site"; See Figure 1). Remedial activities at the Site were initiated in 2003 under a Voluntary Cleanup Agreement (VCA) between the former site owner, Steelfields Ltd., and NYSDEC. In 2006, Hydro-Air Components, Inc. (Hydro-Air) purchased the Steelfields Area IV property, successfully applied for entry into the BCP, and subsequently entered the BCP as a Volunteer pursuant to a Brownfield Cleanup Agreement with NYSDEC dated August 21, 2006 (BCA), to continue through to completion the remedial program activities for the Site 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.

Remediation and redevelopment of the Site was thought by Hydro-Air and NYSDEC to have been fully completed in 2007. The legal boundaries of the Site are described in "Exhibit A" of a VCA Modification dated March 9, 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, included in Appendix B of this CMWP.

The western edge of the Site includes a 30-ft-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-ft-wide utility easement granted to Niagara Mohawk Power Corporation (NiMo) shown as "Easement Area A" on the Survey of Lands included in Appendix B and in an orange pattern on Figure 2. BRPRR has surfaced much of the area of its easement with gravel for use as a road (see Figure 3). A drainage ditch for the BRPRR road is located within the BRPRR and NiMo easements (see Figure 4). A fence line runs approximately 60 ft east from the westerly Site boundary and, therefore, generally extends along the eastern edge of the NiMo easement.

Documentation contained in the Final Engineering Report (FER) prepared by Benchmark for the Site, dated November 2007, indicated selected remedial excavations extended to the aforementioned fence line marking the eastern edge of the NiMo easement. The FER also indicated that 12 in. 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). Figure 3-6, "Area IV – Surface Coverage, Post-Remedial Excavation and Soil Cover Record," of the FER is also included for reference in Appendix B. While there is corroborative evidence that the remedial excavations extended to the aforementioned fence line, it does not appear that 12 inches (in.) of "imported soil/fill cover" were placed in the NiMo easement area, including across the BRPRR road.

In March 2023, Haley & Aldrich of New York observed conditions along the western Site boundary during the annual 2022-2023 Periodic Review Report (PRR) site inspection. Areas located on the NiMo and BRPRR easements to the west of the fence line were observed not to have been covered with 12 in. of imported soil/fill as described in the FER.

During this inspection, Haley & Aldrich of New York also observed waste soil/fill materials, including slag, refractory brick, ash, and other anthropogenic fill materials, placed in piles along and on top of the fencing along the fence line east of the NiMo easement thereby destroying lengthy sections of the fence line. The piles of excavated material also extended onto the land east of the fence line where 12 in. of

imported cover was, in fact, placed during remedial activities completed in 2006 through 2007. These piles appeared to have been generated during periodic maintenance of the drainage ditch within the BRPRR/NiMo easements conducted by the BRPRR as detailed below.

In addition, Haley & Aldrich of New York also observed that, in the southwest corner of the Site (and to the east of the NiMo easement), there was another area of the Site that did not appear to have been covered with 1 ft of imported soil/fill as described in the FER. Coal, coke, and other waste fill was observed on the surface throughout this area. The approximate extent of this area without apparent soil cover is shown in a blue pattern on Figure 2.

On June 22, 2023, employees of Haley & Aldrich of New York met with NYSDEC to review historical photographs of Site remedial cover placement, and to traverse the western Site boundary. Both Haley & Aldrich of New York and NYSDEC agreed that neither the remedial excavation activities nor the placement of remedial soil cover appear to have extended westward beneath the power lines beyond the fence line located along the eastern edge of the NiMo easement. Consistent with this conclusion, the soil comprising the sidewalls of the recently excavated drainage ditch were observed to contain debris (slag, refractory brick, ash, and/or other anthropogenic fill materials) which, although it appeared to be historic waste fill materials, did not contain wastes signifying that it was generated at the historic coke plant.

Conversations between Haley & Aldrich of New York, NYSDEC, and representatives of the BRPRR, indicated that BRPRR actively maintains its gravel road within the BRPRR easement along the western boundary of the Site, including periodically excavating the soil containing the historic waste material from the drainage ditch. BRPRR acknowledged that its contractor could have placed excavated materials from the drainage ditch within the NiMo easement and onto the fencing and/or cover system soils. BRPRR was unaware that its easement area was part of the BCP Site, or that its excavated materials were potentially hazardous. BRPRR requested instruction as to how it should deal with the presently excavated materials and any future excavated materials. In that regard, Hydro-Air provided BRPRR a copy of the 2014 Site Management Plan (SMP) and asked BRPRR to remove and properly dispose of the excavated materials that BRPRR's contractor generated.

1.1 SITE BOUNDARY AND EASEMENT SURVEY

In January 2026, Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C. (Wendel), a New York State (NYS)-licensed land surveyor, surveyed and field-marked the eastern boundary of the overlapping BRPRR and NiMo easements, and also completed a topographic and boundary survey of the southwest corner of the Site. These survey data and field markings are herein used to identify the extent of proposed cover placement activities described in this CMWP, and to document existing site topography. A copy of the January 2026 topographic survey is included in Appendix B for reference. Existing site conditions in the southwest corner of the Site are presented in Figure 3 of this CMWP.

1.2 EXCAVATED MATERIAL CHARACTERIZATION

To facilitate the management of the waste soils/materials containing the slag, refractory brick, ash, and/or other anthropogenic fill materials which BRPRR's contractor had placed along the western fence line, Haley & Aldrich of New York implemented a soil precharacterization program in April 2025 that included radiological screening and sampling/chemical analysis of the placed material.

Haley & Aldrich of New York subcontracted with BE3 to develop a Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) screening plan in accordance with NYSDEC Policy DMM-5 to assess the excavated materials in the windrow of piles along and on top of the western fence line, and to conduct a preliminary screening radiation survey to evaluate if TENORM was present in the piled material. Under the management and direction of TerranearPMC and their U.S. Nuclear Regulatory Commission (USNRC) nationwide decontamination and decommissioning (D&D) license with reciprocity in New York State, BE3 developed a Gamma Radiation Survey Plan, which was approved by the NYSDEC via email on April 21, 2025. On April 29, 2025, BE3 performed the screening survey, the findings of which are summarized in BE3's report titled "Summary of Findings – Gamma Radiation Survey, Steelfields Area IV, Buffalo," dated May 2, 2025, (see Appendix C).

As presented in BE3's Summary of Findings, the gamma radiation emitted from the piled material and surrounding area was within acceptable limits under NYSDEC Policy DMM-5, and it was not anticipated that the NYSDEC would require radiological waste management associated with the piles. The BE3 summary was provided to NYSDEC for review on May 23, 2025, and on May 27, 2025, NYSDEC provided a letter to Haley & Aldrich of New York which concurred with BE3's Summary of Findings, and included the following summary finding (see Appendix C):

> *"…the data from the reports support that the excavated material is not TENORM; this conclusion is based on the lack of provenance related to the source(s) of the material, as well comparison to background data."*

Although not part of the TENORM analysis, the NYSDEC letter of May 27, 2025, went on to state that:

> *"Please note, however, that the material is considered a solid waste and must be properly handled and/or disposed of, in compliance with appropriate regulations."*

A copy of the Radiation Survey is included in the June 26, 2025, memorandum prepared by Haley & Aldrich of New York (see Appendix C).

1.3 EXCAVATED SOIL/FILL MATERIAL SAMPLING

On April 29, 2025, Haley & Aldrich of New York collected samples from the piles along the western fence line for analytical testing to facilitate management of the materials. Based on an initial volume estimate of the piled material of approximately 400 cubic yards, and as required by NYSDEC DER-10 Table 5.4(e)10, four discrete samples (SGS-WR-DISC-N1, SGS-WR-DISC-N2, SGS-WR-DISC-S1, SGS-WR-DISC-S2) and two 5-part composite samples (SGS-WR-COMP-N, SGS-WR-COMP-S) were collected from the windrow of piles and submitted to Pace Analytical for chemical analysis. Composite samples SGS-WR-COMP-N and SGS-WR-COMP-S were collected from materials in the respective northern and southern halves of the soil windrow.

The four discrete soil samples were analyzed for the NYSDEC Part 375 volatile organic compound (VOC) list, while the two composite samples were analyzed for NYSDEC Part 375 semivolatile organic compounds (SVOCs), Part 375 metals, Part 375 pesticides (excluding Silvex), polychlorinated biphenyls (PCBs), per- and polyfluoroalkyl substances (PFAS) (via EPA Method 1633), corrosivity, reactivity (sulfide and cyanide), and flashpoint. Additionally, because the lead concentration in sample SGS-WR-COMP-S exceeded the Resource Conservation and Recovery Act (RCRA) "20x rule", Toxicity Characteristic

Leaching Procedure (TCLP) analysis was performed on the sample (for lead only). Soil sampling locations and summaries of analytical data are included in the June 26, 2025, memorandum provided in Appendix C. A summary soil analytical data table comparing the soil analytical results to NYSDEC Industrial Soil Cleanup Objectives (SCOs) found in the Part 375.6.8(b) Table, as revised in December 2025, is also included in Appendix C.

As noted above, field observations of the windrow soils indicated the presence of slag, refractory brick, ash, and/or other anthropogenic fill materials. Screening of the material by Haley & Aldrich of New York with a photoionization detector (PID) did not identify the presence of VOCs during the sampling activities.

Although the chemical analytical results indicated that the material in the piles meets applicable NYSDEC Part 375 Industrial SCOs, NYSDEC has indicated that the material piled in a windrow cannot be placed on-site as protective cover because of the presence of the slag, refractory brick, ash, and/or other anthropogenic fill materials. Because no elevated TENORM per DMM-5 has been identified by a licensed D&D contractor within the windrow, and chemical analytical data indicate compound/analyte concentrations are below NYSDEC Industrial SCOs and PFAS sampling industrial guidance values, the material can be placed on the Site under a protective cover (asphalt/concrete or 1-ft thick imported cover meeting DER-10 criteria). Additionally, given the chemical composition of this material and absence of constituents exceeding thresholds for characteristic hazardous waste, it is anticipated the material would also be accepted for disposition at a New York State licensed Subtitle D landfill.

2. Planned Corrective Measures

The sections below describe the procedures to place additional cover in the southwest corner of the Site, and details how the soils excavated from within the easement areas by BRPRR's contractor and placed in the windrow piles along the eastern edge of the NiMo easement will be appropriately managed and disposed off-site by BRPRR. Hydro-Air will pass a copy of this CMWP over to BRPRR for implementation with respect to the material in the windrow once it is approved by the Department.

2.1 COVER PLACEMENT

Existing conditions in the southwest corner of the Site are shown on Figure 3 of this CMWP. In general accordance with the NYSDEC's September 18, 2023, letter (see Appendix A), the area requiring cover east of the NiMo easement boundary, occupies approximately 24,182 square feet (sq ft), as shown on Figures 3 and 4. Per NYSDEC's letter, a soil cover system will not be placed in the easement areas occupied by NiMo and BRPRR pursuant to their respective easements.

The area requiring cover will be cleared of trees and vegetation to ground surface. The cleared woody and vegetative debris shall either be removed from the Site and disposed of at a composting facility or landfill accepting tree/vegetative debris, or be chipped on-site and used as site mulch. Following the vegetation clearing activities, and grading, as needed, to facilitate cover activities, a minimum 1-ft of NYSDEC-approved cover shall be placed over this previously uncovered area in the southwest corner of the Site (see Figure 4). Within the drainage ditch bisecting the area to be covered, a culvert pipe will be installed along the length of the ditch to preserve the existing drainage pathway beneath the cover system and maintain stormwater flow through the area, and a minimum of a 1-ft thickness of clean imported cover materials will be placed on top of the piping as depicted on the drainage ditch cross section transect included in Figure 4.

During the cover activities, existing monitoring wells MW-1 and MW-1A, which are located within the area to be covered (see Figures 2 and 3), will be decommissioned per NYSDEC Guidance Policy CP-43. Wells MW-1 and MW-1A were most recently reported to have been sampled in the late 1990s as part of a sitewide assessment conducted by LTV Steel Company.

Proposed cover materials will consist of imported soil, or stone, from a NYSDEC-permitted mine. Upon NYSDEC approval, this material will be imported and placed in a minimum 1-ft thickness on top of a placed demarcation layer comprised of either a geotextile fabric or snow fencing. It is estimated that approximately 1,050 cubic yards (cu yd) of imported fill will be needed to cover the required area. The thickness of placed cover will be confirmed using grade stakes during construction activities and documented in a Construction Completion Report (CCR). Grade stakes will be installed by the contractor and clearly marked at 12 inches. Imported fill material will be placed such that the mark on the grade stakes is completely covered. An import material request form will be submitted to the NYSDEC for approval before importing any materials to the Site.

2.2 EXCAVATED MATERIAL DISPOSAL

The volume of material excavated by BRPRR and/or BRPRR's contractor from within its easement and/or the NiMo easement and piled along the eastern edge of the NiMo easement is estimated to be approximately 400 cubic yards (approximately 650 tons). At Hydro-Air's request, BRPRR has agreed to

remove and properly dispose of these materials. Hydro-Air will provide BRPRR with a copy of the Department-approved CMWP. The BRPRR has verbally assured Hydro-Air that it will comply with the procedures outlined in this CMWP in the removal and disposal of the materials in the windrow.

The piled materials on the area to the east of the NiMo easement will be removed until underlying cover soils that were placed during remedial activities between 2007 and 2008 are observed. The BRPRR, or their representative, will provide the NYSDEC and NYSDOH with a brief daily summary of corrective measures activities, including air monitoring data (see Section 2.3 below). Upon completion of the removal, a new perimeter fence will be constructed along the eastern edge of the NiMo easement, generally identifying the western limits of cover placement on the Site. BRPRR and/or BRPRR's contractor will provide a CCR, signed by a Qualified Environmental Professional, documenting the soil pile removal activities and fence line replacement in accordance with all applicable laws. The CCR will include soil disposal manifests and weight tickets documenting receipt of soils at the designated disposal facility. Outward-facing signage identifying the existence of the BCP site will be placed on the replacement fencing by Hydro-Air.

2.3 COMMUNITY AIR MONITORING PLAN

A Community Air Monitoring Plan (CAMP) will be implemented during ground intrusive activities, including any related contaminated soil management/handling activities. The CAMP procedures will follow the Generic CAMP provided in Appendix 1A of NYSDEC DER-10 and will include real-time monitoring for VOCs and particulates (i.e., dust) at the upwind and at the downwind perimeter of each designated work area. The daily CAMP data reports will be provided to the NYSDEC and NYSDOH the following day. CAMP monitoring will not be conducted during vegetative clearing or activities associated with the placement of clean cover in the southwest corner of the Site.

Soil management activities will be conducted in compliance with Soil/Fill Management Plan of the SMP, 29 CFR 1910.120 and 29 CFR 1926 Subpart P. Once contractors for the soil management activities are selected, project-specific health and safety plans will be prepared by the contractor(s).

2.4 PERMITTING

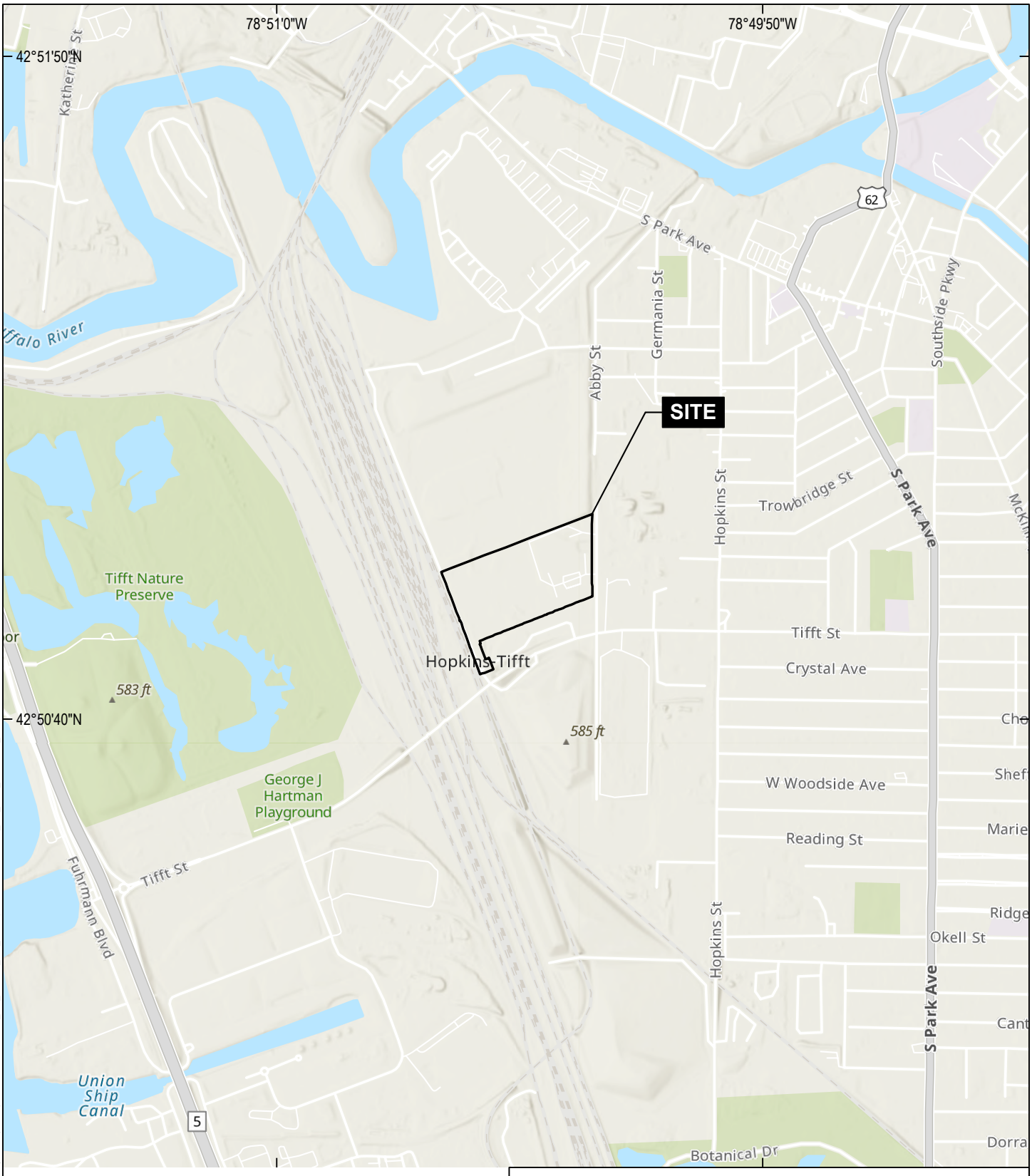
Hydro-Air's contractor(s) site access requires disturbance to the drainage ditch traversing the cover area during corrective measure activities. Placement of a permanent pipe in the drainage ditch with 1-ft of overlying cover (~100 to 130 cy) will be conducted under the U.S. Army Corps of Engineers (USACE) Nationwide Permit (NWP) 38 – Cleanup of Hazardous and Toxic Wastes. Haley & Aldrich of New York will prepare and submit on Hydro-Air's behalf, a preconstruction notification (PCN), to the USACE and a request for an individual Section 401 Water Quality Certification from the NYSDEC.

3. Proposed Schedule

It is anticipated that the soil pile removal activities along the eastern NiMo easement boundary will be conducted toward the end of the 2026 construction season. Cover placement on the southwest corner of the Site and placement of a permanent pipe in the drainage ditch is dependent on receipt of USACE approval for NWP 38 and an individual Section 401 Water Quality Certification from the NYSDEC. Hydro-Air and BRPRR will each notify NYSDEC at least one week before commencement of their respective field work. The schedule for It is anticipated that CCRs will be provided to the NYSDEC within 60 days of the completion of the respective corrective measure activities.

In accordance with NYSDEC's September 18, 2023, letter, the SMP will be modified upon completion of the cover placement to conform with the NYSDEC's current document template and to include an update of the current "Soil/Fill Management Plan" portion of the SMP while renaming it an "Excavation Work Plan." The revised SMP will include documentation of the extent of the cover system in place, following the aforementioned construction activities, and will also identify locations on the Site (i.e., NiMo and BRPRR easements) that will remain without a cover system. The revised SMP will specify that future excavation activities on the Site, including within the NiMo and BRPRR easements, will adhere to the updated and renamed Excavation Work Plan. It is anticipated that the revised SMP will be completed within six months of the completion of proposed construction activities and, upon approval by NYSDEC, will be placed in the document repository by Hydro-Air and provided by Hydro-Air to BRPRR and NiMo.

FIGURES



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

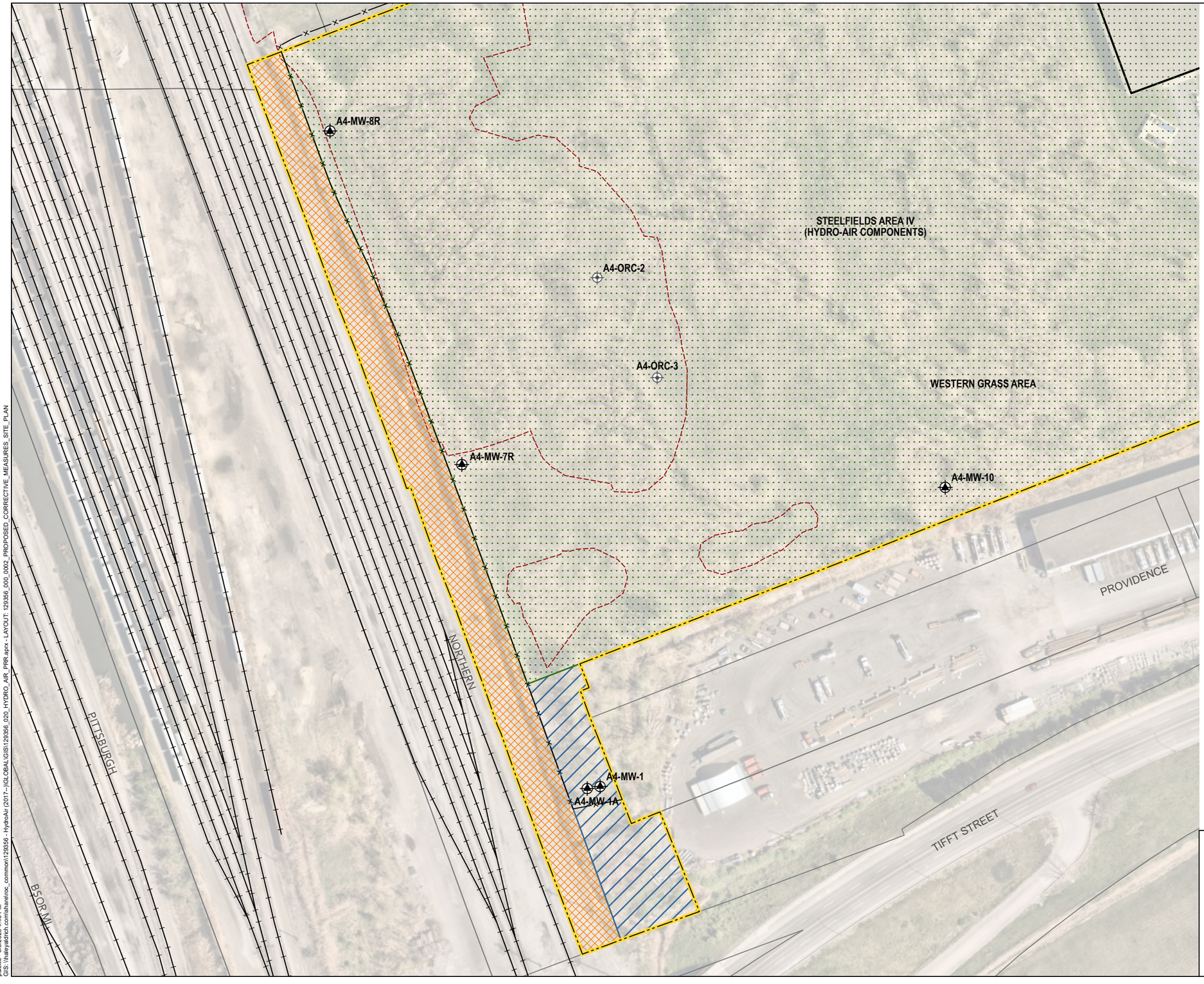
PROJECT LOCUS

MAP SOURCE: ESRI
SITE COORDINATES: 78°50'24"W, 42°50'55"N

APPROXIMATE SCALE: 1 IN = 2000 FT
APRIL 2026

FIGURE 1

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GIS: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\129356_020_HYDRO_AIR_PRR.aprx - LAYOUT: 129356_000_0001_PROJECT_LOCUS



LEGEND

- MONITORING WELL, HYDRO-AIR PROPERTY
- MONITORING WELL, STEELFIELDS III PROPERTY
- ORC MONITORING WELL, HYDRO-AIR PROPERTY (DECOMMISSOINED IN MARCH 2025)
- ORC MONITORING WELL, STEELFIELDS III
- RAILROAD
- FENCE
- PLANT AREA
- STEELFIELDS AREA III
- TAR AND BLUE SOIL/FILL EXCAVATION LIMIT
- AREA BURDENED BY NIMO AND BRPRR EASEMENTS, NO REMEDIAL COVER REQUIRED BY NYSDEC
- 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
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ERIE COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 27, 2025

N

0 120 240
SCALE IN FEET

HALEY ALDRICH

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

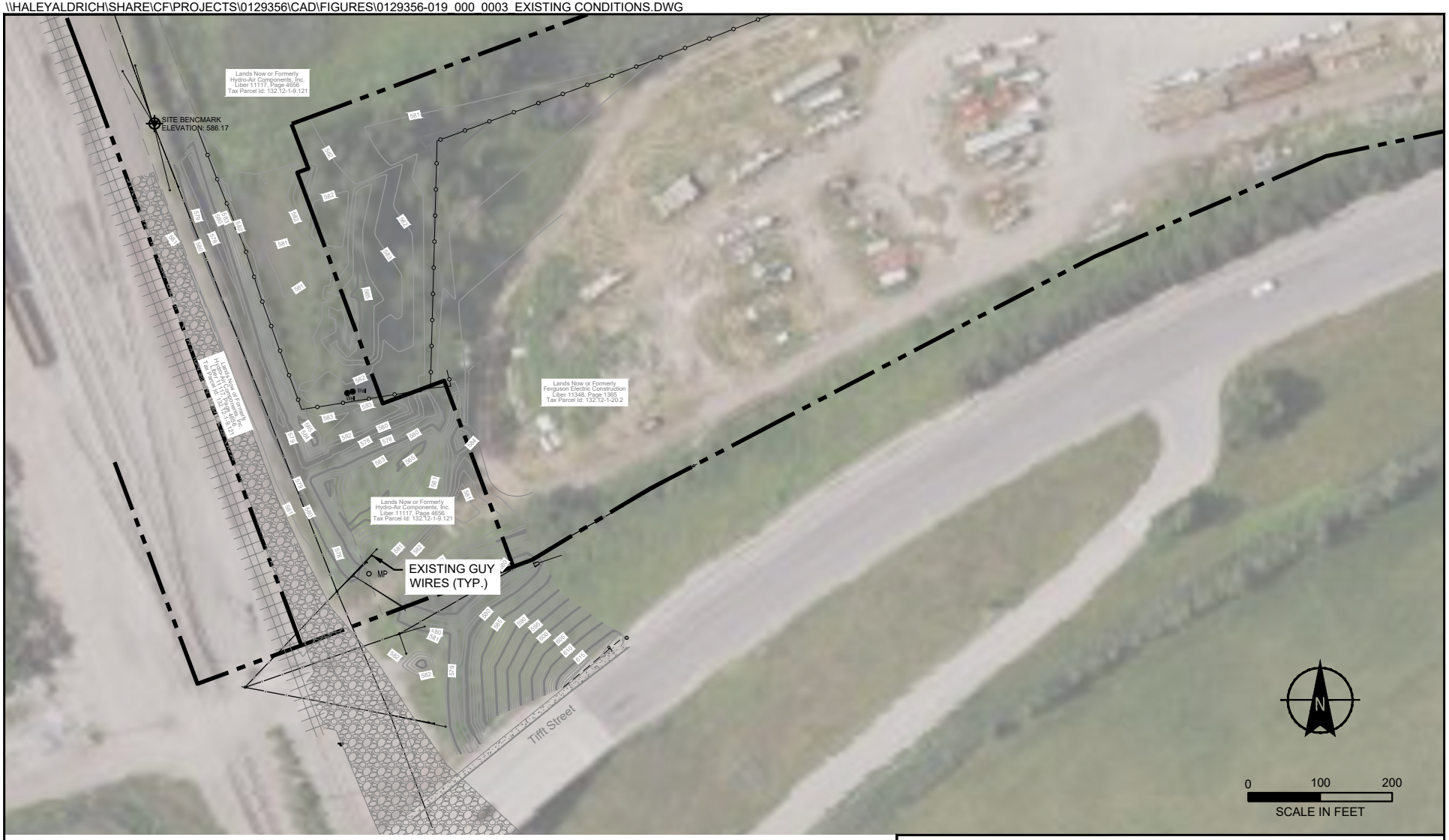
PROPOSED CORRECTIVE MEASURES SITE PLAN

JUNE 2026

FIGURE 2

pdfflo - 6/8/2026 4:45 PM
GIS: \\haleyaldrich.com\shares\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\129356_020_HYDRO_AIR_PRR aprx - LAYOUT: 129356_000_0002_PROPOSED_CORRECTIVE_MEASURES_SITE_PLAN

Saved by: BSHERRILL Printed: 6/10/2026 10:39 AM Sheet: FIGURE 3
\\HALEYALDRICH\SHARE\CF\PROJECTS\0129356\CAD\FIGURES\0129356-019_000_0003_EXISTING CONDITIONS.DWG



LEGEND

- EXISTING PROPERTY LINE
- 580 EXISTING CONTOURS
- EXISTING CHAIN LINK FENCE
- EXISTING GRAVEL DRIVE
- EXISTING RAILROAD

NOTES

1. EXISTING CONDITIONS BASEMAP AND TOPOGRAPHY FROM WENDEL WD ARCHITECTURE, ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. FILE "43506.DWG" DATED JANUARY 6, 2026.
2. HORIZONTAL DATUM IS NAD83 NEW YORK STATE PLANE, WEST ZONE, U.S. SURVEY FEET.
3. THE VERTICAL DATUM IS NAVD88, IN FEET (FT).

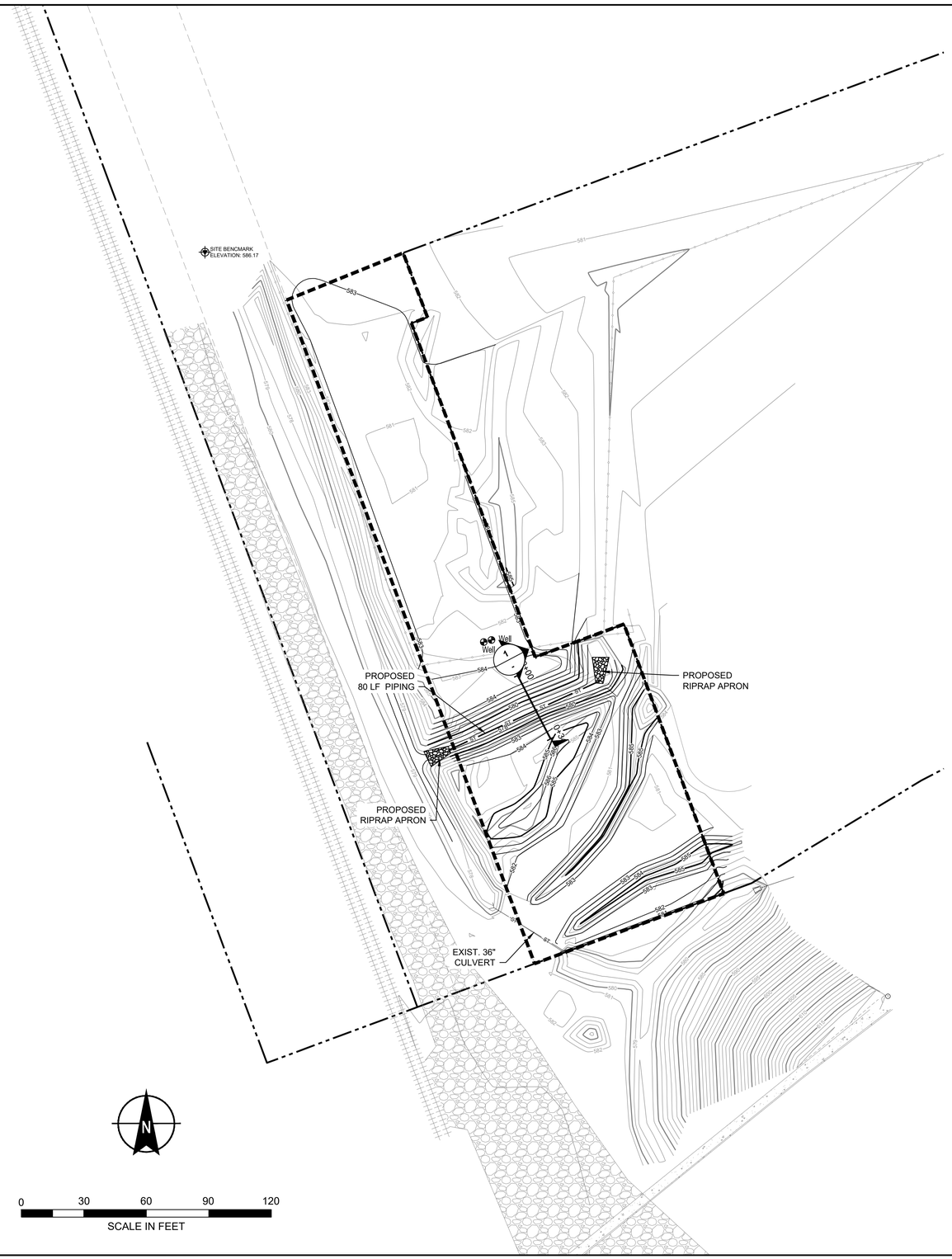
HALEY ALDRICH

HYDROAIR COMPONENTS, INC. CMWP
BUFFALO, NEW YORK

EXISTING CONDITIONS

SCALE: AS SHOWN
JUNE 2026

FIGURE 3



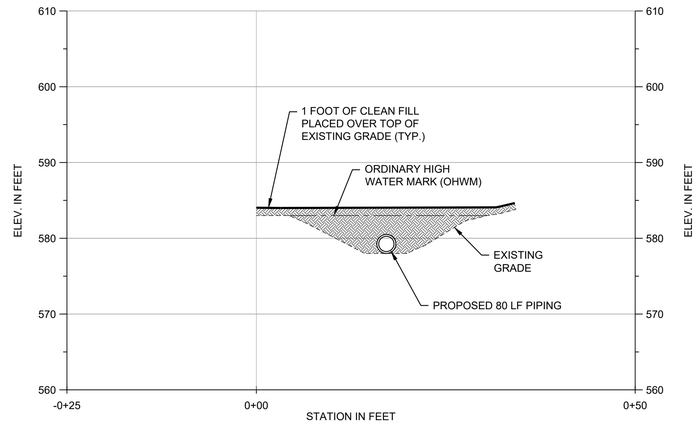
NOTES

1. EXISTING CONDITIONS BASEMAP AND TOPOGRAPHY FROM WENDEL WD ARCHITECTURE, ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. FILE "438506.DWG" DATED JANUARY 6, 2026.
2. HORIZONTAL DATUM IS NAD83 NEW YORK STATE PLANE, WEST ZONE, U.S. SURVEY FEET.
3. THE VERTICAL DATUM IS NAVD88, IN FEET.
4. EXISTING GROUNDWATER MONITORING WELLS WITH THE FILL AREA TO BE DECOMMISSIONED PER NYSDEC POLICY CP-43.
5. THE "1 FOOT CLEAN FILL AREA" OCCUPIES APPROXIMATELY 24,182 SQUARE FEET. THE AREA WILL BE CLEARED OF VEGETATION TO THE GROUND SURFACE. FOLLOWING CLEARING ACTIVITIES, THE AREA WILL BE COVERED WITH A MINIMUM OF 1-FOOT THICKNESS OF NYSDEC-APPROVED IMPORTED FILL PLACED ON TOP OF A GEOTEXTILE FABRIC OR OTHER DEMARCATION LAYER (E.G. ORANGE SNOW FENCING).

FILL QUANTITY	
DESCRIPTION	VOLUME (CY)
1 FOOT OF FILL	1050

LEGEND

- EXISTING PROPERTY LINE
- 580 EXISTING CONTOURS
- EXISTING CHAIN LINK FENCE
- EXISTING GRAVEL DRIVE
- EXISTING RAILROAD
- EXISTING SURVEY BENCHMARK
- 580 PROPOSED CONTOURS
- 1 FOOT CLEAN FILL AREA
- ORDINARY HIGH WATER MARK (OHWM)
- ST PROPOSED STORM DRAINAGE PIPE
- PROPOSED RIPRAP APRON



1 / - **EXISTING DRAINAGE DITCH SECTION**

SCALE: AS SHOWN

HORIZ. 0 10 20 30 40
VERT. 0 10 20 30 40
SCALE IN FEET

HALEY ALDRICH

HYDROAIR COMPONENTS, INC. CMWP
BUFFALO, NEW YORK

GRADING AND EROSION AND SEDIMENT CONTROL PLAN

SCALE: AS SHOWN
SEPTEMBER 2026

FIGURE 4

Saved by: BSHERRILL Printed: 9/9/2026 7:20 AM Sheet: FIGURE 4
\\HALEYALDRICH\SHARE\CFPROJECTS\0129356\CAD\FIGURES\0129356-019_000_0004_GRADING PLAN.DWG

APPENDIX A
Regulatory 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) 851-7226
www.dec.ny.gov

May 9, 2023

Robert Daigler
Hydro-Air Components, Inc.
100 Rittling Blvd
Buffalo, NY 14220

Re: Site Management (SM) -
Excavation and Cover System
Steelfields Area IV, Buffalo
Erie County, Site No.: **C915204**

Dear Robert Daigler (as representative of the Certifying Party):

On May 3, 2023 the Department was notified by Haley & Aldrich that the owners and/or operators of the railroad tracks located west of the above-referenced Site had excavated within the boundaries of the Brownfield Cleanup Program (BCP) Site. In order to remedy the excavation of potentially hazardous material, the spoil piles will need to be appropriately characterized and disposed of offsite. Documentation of sampling and disposal will need to be shared with the Department. It is a requirement of the BCP that the Department be notified prior to any excavations performed onsite.

While investigating the railroad's excavations, it was determined by Haley & Aldrich that the cover system engineering control was not installed over the entire BCP Site. Per the Final Engineering Report and the Site Management Plan, a one-foot cover system should have been placed over the entirety of the Site, if not covered by hardscape. In order to protect the public and environment from the potentially exposed hazardous materials, the Department requests a Corrective Measures Work Plan (CMWP) be submitted within the next 60 days. The CMWP should address measures to investigate the level of contamination within the uncovered locations within the BCP Site boundaries and methods to install a one-foot cover system on any portions of the Site not already containing such a cover system or covered by hardscape. If a meeting is warranted to discuss these additional measures, please reach out to the Department for scheduling. 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

NEW YORK STATE | Department of Environmental Conservation

ec: Andrea Caprio – NYSDEC
Gregory Scholand – NYSDEC
Kristin Kulow – NYSDOH
Glenn White – Haley & Aldrich
Drew Nichols – Haley & Aldrich
Tom Robitaille – Haley & Aldrich
Scott Pallotta – Hydro-Air Components, Inc.

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) 851-7226
www.dec.ny.gov

September 18, 2023

Robert Daigler
Hydro-Air Components, Inc.
100 Rittling Blvd
Buffalo, NY 14220

Re: Site Management (SM) -
Request to Revise BCP Site Boundary
Steelfields Area IV, Buffalo
Erie County, Site No.: **C915204**

Dear Robert Daigler:

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) (collectively, the Departments) have reviewed the July 7, 2023 letter (revised July 11, 2023), submitted by consultant Haley & Aldrich on behalf of Hydro-Air Components, Inc. (Hydro-Air), requesting to modify the above-referenced Brownfield Cleanup Program (BCP) Site boundary due to recent site inspections identifying a lack of a cover system along the Site's western extent. After further discussion internally, the Departments have concluded that the BCP Site boundary cannot be modified after issuance of the Certificate of Completion, which occurred for this Site in December 2007.

Therefore, in order to protect public health and the environment, the Departments propose this approach in response to the issues raised in your letter:

1. Hydro-Air will place one foot of cover soil within the fenceline adjacent to MW-1 and MW-1A, as proposed within your July 7th/11th Letter.

2. Hydro-Air will place one foot of cover soil south of MW-1/MW-1A outside the fenceline, but only in the area located to the east of the Niagara Mohawk Easement. You have indicated that the land along the western boundary of the BCP Site is burdened by easements held by Niagara Mohawk and the Buffalo, Rochester, and Pittsburgh Rail Company, and therefore the Departments will not require a cover system in the locations covered by these easements. Although, in locations without a cover system, the Soil/Fill Management Plan (to be updated and renamed as the Excavation Work Plan) will need to be adhered to by all parties excavating onsite going forward.

Prior to completing the requested cover system modifications, the Departments request that a Corrective Measures Work Plan (CMWP) be submitted within the next 60

days detailing procedures and a schedule for the placement of the cover system in the areas specified above. The CMWP should also detail when a Construction Completion Report will be submitted, which should include a cover system depth survey. Additionally, the CMWP should detail when the 2014 Site Management Plan (SMP) will be revised. The SMP will need to be modified to the NYSDEC's current template and accurately reflect the locations of the cover system and the locations where no cover system is present, along with specifying that any future excavation on any portion of the BCP Site needs to adhere to the Excavation Work Plan. Lastly, the CMWP should also detail how the soils excavated by the railroad will be appropriately characterized and disposed of offsite.

If a meeting is warranted to discuss these activities, please reach out to me for scheduling. If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

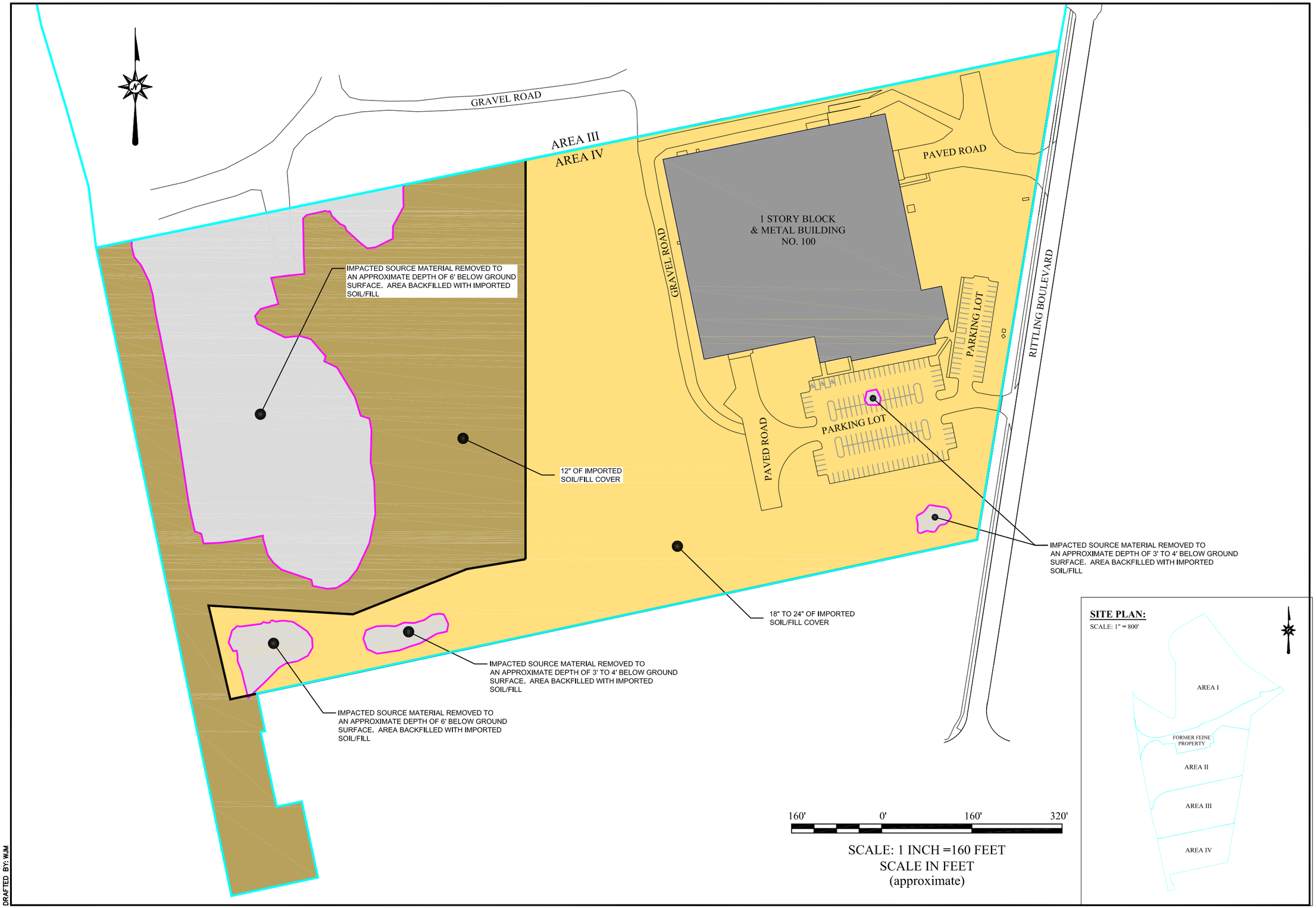
Sincerely,



Megan Kuczka
Environmental Program Specialist – 1

ec: Andrea Caprio – NYSDEC
Gregory Scholand – NYSDEC
Kristin Kulow – NYSDOH
Charlotte Bethoney – NYSDOH
Glenn White – Haley & Aldrich
Drew Nichols – Haley & Aldrich
Scott Pallotta – Hydro-Air Components, Inc.

APPENDIX B
Previous Site Survey and Remedial Cover Drawings



DATE: FEBRUARY 2007
DRAFTED BY: WJM

726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0599

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

JOB NO.: 0062-010-100

AREA IV - SURFACE COVERAGE
POST REMEDIAL EXCAVATION AND SOIL COVER RECORD

FINAL ENGINEERING REPORT

STEELFIELDS AREA IV - FORMER DONNER-HANNA COKE YARD
BUFFALO, NEW YORK

PREPARED FOR
STEELFIELDS LLC/ HYDRO-AIR COMPONENTS, INC.

FIGURE 3-6

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

May 27, 2025

Andrew Nichols
Haley and Aldrich
200 Town Centre Drive
Rochester, New York 14623

Dear Andrew Nichols:

Summary of Findings – Gamma Radiation Survey– Steelfields Area IV, Buffalo

The NYS Department of Environmental Conservation (Department) has received and reviewed the Summary of Findings report for the Gamma Walkover survey conducted at the Steelfields Area IV site (site), located at 100 Rittling Boulevard, Buffalo NY. After reviewing the Summary of Findings report, dated May 23, 2025, the Radioactive Materials Management Section (RMMS) accepts this report and agrees with the findings and data provided in the report mentioned above.

The Summary of Findings report provides the details of a gamma walkover survey performed by BE3 staff on a windrow of fill material at the site. The windrow contained fill material which included slag-like material that was visibly identified prior to the gamma walkover survey. The report explains that none of the material surveyed indicated readings above 1.5x the background gamma radiation levels.

The Department has reviewed the report and has concluded that the data from the reports support that the excavated material is not TENORM; this conclusion is based on the lack of provenance related to the source(s) of the material, as well comparison to background data. Please note, however, that the material is considered a solid waste and must be properly handled and/or disposed of, in compliance with appropriate regulations.

Please feel free to contact me with any comments or questions that you may have at (716)-851-7278 or via email at derick.dietrich@dec.ny.gov

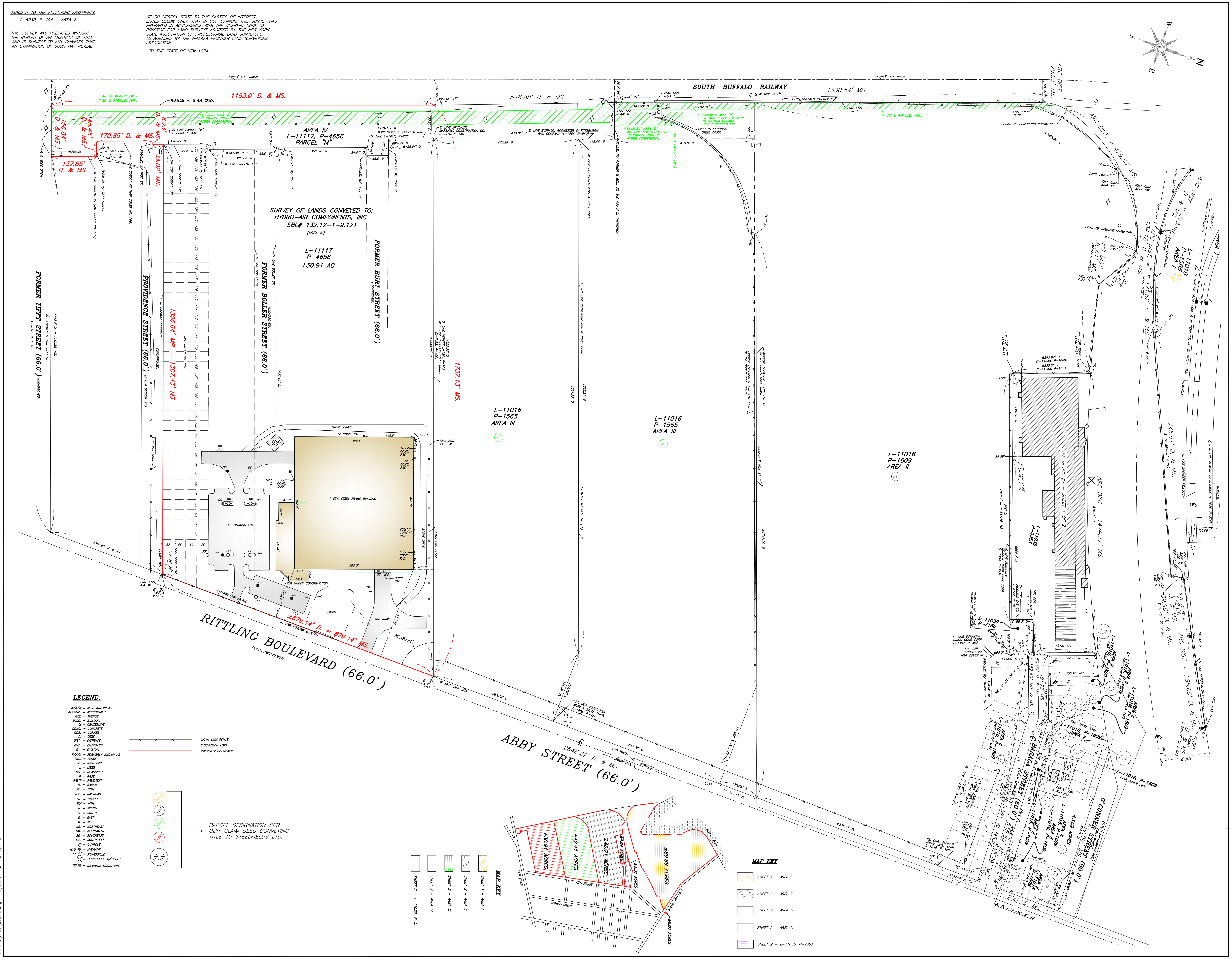
Sincerely,

Derick Dietrich

Derick Dietrich
Environmental Radiation Specialist 1
Division of Materials Management, Region 9

DD: ef

ec: Patrick Concannon, Professional Geologist 2, NYSDEC Region 9
Megan Kuczka, Environmental Program Specialist 2, NYSDEC Region 9
Thomas Papura, Environmental Radiation Specialist 3, NYSDEC Albany
Dustin G. Miller, CHP, TerranearPMC, LLC
Jason M. Brydges, P.E., Brydges Engineering (BE3)
Glenn White, Haley and Aldrich



SURVEY OF LANDS

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

CITY OF BUFFALO
COUNTY OF ERIE
STATE OF NEW YORK

PART OF:
LOTS 16 & 17 OF THE OGDEN GORE TRACT

WENDEL DUCHSCHERER
AMHERST BUFFALO LOCKPORT ALBANY
WWW.WD-AE.COM

STATE OF NEW YORK · MARSHALL D. WILSON · No. 050192 · LICENSED LAND SURVEYOR

U:\SEAL\Marshall Signature smaller.JPG

NOTES
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AREA II = ±50.01 AC.
AREA III = ±40.98 AC.
AREA IV = ±30.91 AC.
L-11035 P-9353 = ±4.64 AC.

AREA – 2,3,4 & L-11035, P-9353
TOTAL ACREAGE:
±127.98 ACRES

NO. / BY	REVISIONS	DATE
5 / ELS	ADDITIONAL INFORMATION & DEC EASEMENT AREA IV ONLY PROJ. No. 2963-08-05/011	11/29/2007
4 / KSK	BUILDING LOCATION AREA IV PROJ. No. 2963-07-01/040	12/28/2006
3 / KSK	IMPROVEMENTS SHOWN ON AREA IV ONLY PROJ. No. 2963-07-01/032	11/8/2006
2 / KSK	REVISED AREA IV ACREAGE, ADDED CERTIFICATION & REMOVED 4' WIDE DITCH	7/11/2006
1 / JMP	RESURVEYED PARCEL IV PROJ. NO. 2963-06-01/094 DWG. NAME: 01/094	6/16/2006

DWG. TITLE

BOUNDARY SURVEY

DATE	1/10/2005
SCALE	1" = 100'
DWN.	P. McKEOWN CHK.
PROJ. No.	2963-05-01/039
DWG. No.	

1 OF 1

Legend:

DRAWING NAME: 438506

AC. = ACRES	CONC. = CONCRETE	E = EAST	GAR. = GARAGE	MS. = MEASURED	PP = POWER POLE	TJB = TELEPHONE JUNCTION BOX
APPROX. = APPROXIMATE	COR. = CORNER	EJB = ELECTRICAL JUNCTION BOX	IP. = IRON PIPE/ IRON PIN	N = NORTH	PO. = PORCH	TYP. = TYPICAL
AVE. = AVENUE	C.T.V. = CABLE TV BOX	ENC. = ENCROACHMENT	L = LIBER	NTS = NOT TO SCALE	PAV'T = PAVEMENT	W = WEST
BIT. = BITUMINOUS	℄ = CENTERLINE	ESMT. = EASEMENT	LN. = LANE	O/H = OVERHEAD	RD. = ROAD	W/ = WITH
CB = CATCH BASIN	D. = DEED	EX. = EXISTING	MH = MANHOLE	O/L = ON LINE	S = SOUTH	WD. = WOOD
CH. = CHAIN	DIA. = DIAMETER	FNC. = FENCE	MP. = MAP	P = PAGE	ST. = STREET	W.F. = WOODFRAME
CLR. = CLEAR	DIST. = DISTANCE			ℙ = PROPERTY LINE	STY. = STORY	

N

Lands Now or Formerly
Hydro-Air Components, Inc.
Liber 11117, Page 4656
Tax Parcel Id: 132.12-1-9.121

East Line Easement to Niagara Mohawk Power Corporation
Liber 10968, Page 1150
Marked every 100' with Wood Lath

Northerly Line Providence Street

Providence Street (66' Wide)
Formerly Becker Street
Unimproved

Lot 126 · Lot 127 · Lot 128 · Lot 129 · Lot 130

PP LI L613 NG 22
Site Benchmark
Existing Rail Road Spike
East Side Power Pole
Elevation: 586.17

Survey Control Point
Set ⅝" Iron Pin
N:1037332.86
E:1078843.14
Elev:580.99

Ex Pin · 90° · 33.0' Deed & Measure

8.23' Deed & Measure (Parallel to Tifft Street)

8' Chain Link Fence

6' Chain Link Fence

4' Tall x 9" Post

Gravel Drive

Lands Now or Formerly
Ferguson Electric Construction
Liber 11348, Page 1366
Tax Parcel Id: 132.12-1-14

Lot 55 · Lot 54 · Lot 53 · Lot 52 · Lot 51 · Lot 50 · Lot 49 · Lot 48 · Lot 47 · Lot 46

170.85' Deed & Measure

(Parallel to Tifft Street)
45.45' Deed
90° & Measure

Well · Well

Lands Now or Formerly
Ferguson Electric Construction
Liber 11348, Page 1365
Tax Parcel Id: 132.12-1-20.2

Lot 39 · Lot 38 · Lot 37 · Lot 36 · Lot 35 · Lot 34 · Lot 33

1317.85' Deed & Measure

PP NG 484

Concrete Monument

Lands Now or Formerly
Hydro-Air Components, Inc.
Liber 11117, Page 4656
Tax Parcel Id: 132.12-1-9.121

Easement to Niagara Mohawk Power Corporation
Liber 10968, Page 1150

40' & Parallel · 20' & Parallel

Centerline Main Track South Buffalo Railway

Gravel Drive

Concrete Monument

90°

Old Tifft Street (66' Wide)

END PIPE INV = 578.15

END PIPE INV = 578.04

36" ST

5' Steel Gate

PP LI 613 NG 23

Survey Control Point
Set ⅝" Iron Pin
N:1037014.48
E:1078971.13
Elev:582.15

Set Pin · Ex Pin · Set Pin

40.0'

156.84' Deed & Measure

PP NG 460

6' Post · 6' Post

77.0' Deed & Measure

PP LI 613 NG 37-10

PP LI 613 NG 23.5

Rail

Stop

Metal Guide Rail · Concrete Walk · Stone Curb

Concrete Walk

Edge of Gravel

Tifft Street

Gravel Drive

Edge of Gravel

Notes:

1) North as Shown on this Map is True North at 78°35' Meridian of West Longitude, as established by GPS Static Survey:

- Control Point 2 Set Pin & Cap N. 1044212.37, E. 1078907.90
- Trimble 4800 GPS Receiver Serial Number: 0220116966
- Static GPS Observations April 10, 2024
- New York State Plane Coordinates West Zone (3103)
- NAD_83 (2011)(EPOCH:2010.0000)

Base Stations used:

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE (m)
DE7164	BFNY BUFFALO CORS ARP	N425239.173	W078325.584	4340.8
DI0596	NYLP LOCPORT CORS ARP	N430954.854	W0784513.357	33893.7
DI0458	NYHB HAMBURG ARP	N424302.663	W0785047.273	16596.8

Linear Unit - U.S. Survey Foot. Combined scale factor: 0.99992045. All dimensions shown are Ground.

2) Elevations as shown on this Map are based on NAVD88 Datum. Site Benchmark: as observed by static GPS observation on Pin 2 is 583.48 {NAVD88 (Computed using Geoid12A)}.

3) Utilities as shown on this map are plotted from field locations of visible structures and information provided by others. Wendel Companies, along with the undersigned Land Surveyor assumes no responsibility as to the accuracy of underground utilities. Contractor must call UDIG NY three working days prior to any excavation construction activities. UDIG NY Ticket No. 01096-000-589

4) Contour interval is 1.0' Foot

Legend

Symbols

EM	Electric Meter	S	Sanitary Manhole
Well	Monitoring Well	CO	Cleanout
ELHH	Electric Hand Hole	CB	Catch Basin
	Deciduous Tree	DI	Drain Inlet
	Bush	SM	Storm Manhole
	Coniferous Tree	YD	Yard Drain
E	Electric Manhole	CATV	Cable TV
	Signal Pole	E	Electric Riser
C	Cable Manhole		Power Pole
W	Water Manhole		Guy Wire Anchor
TR	Traffic Manhole	T	Telephone Riser
	Large Rock	HYD	Fire Hydrant
		WV	Water Valve
		WSV	Water Service Valve
		GM	Gas Line Marker
		GV	Gas Valve
		GSV	Gas Service Valve
			Sign
		MB	Mailbox
		MP	Metal Post
			Concrete R.O.W. Monument
			Light Standard
		T	Telephone Manhole
			Bollard
		ICV	Irrigation Control Valve
		TR	Traffic Control Box

Line Styles

SA	Sanitary Sewer
ST	Storm Sewer
W	Water Line
G	Gas Line
UT	Telephone Wires or Cables
E	Electric Wires or Cables
OH	Overhead Wires
100	Contour Line
	Centerline of Ditch
	Crown of Pavement
	Centerline of Road
	Right of Way Line
	Building Setback Line
	Easement Line
	Property Line
UE	Underground Electric
	Paint Stripe
	Former Boundary Parcel Line
UFC	Underground Cable TV
UFO	Underground Fiber Optic

Map Reference:

Map filed in Erie County Clerk's Office
Under Cover No. 589

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY CHANGES THAT AN EXAMINATION OF SUCH MAY REVEAL

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ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

20' 0 20' 40'
SCALE BAR IN FEET

NO.	DATE	REVISION	BY	APPD.

STATE OF NEW YORK · KENNETH LEE SLAUGENHOUPT · LICENSED LAND SURVEYOR · 50349

Kenneth L. Slaugenhoupt Lic. Np. 50349

Map
Showing a Topographic Survey
of a potion of
100 Rittling Boulevard
City of Buffalo, Erie County, New York

PART OF LOT: 17	SECTION:	TOWNSHIP:	RANGE:

OGDEN GORE TRACT

wendel
Centerpointe Corporate Park * 375 Essjay Road, Suite 200
Williamsville, New York 14221
PHONE: 716.688.0766 FAX: 716.625.6825
WEBSITE: www.wendelcompanies.com
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

PROJ. NO.	438506
DATE	January 6, 2026
SCALE	1" = 20'
CREW	JPS
DWN.	KS4
CHK.	KS3

APPENDIX C
Soil Pile Precharacterization Client Memorandum

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
260 E. Main St
Ste 2100
Rochester, NY 14604
585.359.9000

CLIENT MEMORANDUM

June 26, 2025
File No. 0129356-017

TO: Hydro-Air Components, Inc.
Mr. Ryan Panfil

FROM: H & A of New York Engineering and Geology, LLP
Andrew L. Nichols, Project Manager
Glenn M. White, Senior Client Account Manager

SUBJECT: Soil Pile Precharacterization
Western Fence Line
Hydro-Air Site
100 Rittling Boulevard
Buffalo, New York

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is pleased to provide Hydro-Air Components, Inc. (Hydro-Air) with this memorandum summarizing radiological screening and sampling/chemical analysis of piles of material excavated by others from the western edge of the Hydro-Air Site located at 100 Rittling Boulevard in Buffalo, New York (the "Site") and piled along and, in some locations, piled on top of the western Site fence line. These activities were conducted in accordance with Haley & Aldrich of New York's proposal to Hydro-Air, dated February 28, 2025, and authorized by Hydro-Air on March 14, 2025. It is anticipated that data gathered during the soil precharacterizaton activities will help assess whether these materials can be placed on-Site, or will require off-Site disposal, as part of Corrective Measures requested by the New York State Department of Environmental Conservation (NYSDEC).

Background

The western edge of the Site 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). A drainage ditch is located within the BRPRR and NiMo easements, and a fence line runs approximately 60 feet east from the westerly Site boundary and along the east side of the drainage ditch. See Figure 1 and the field sketch appended to Attachment A, the Brydges Engineering in Environment and Energy (BE3) - Radiological Survey Form dated April 29, 2025.

In March 2023, Haley & Aldrich of New York observed conditions along the western Site boundary during the 2022-2023 Periodic Review Report (PRR) site inspection. During this inspection, Haley & Aldrich of New York observed waste soil/fill materials, including slag, refractory brick, ash, and/or other anthropogenic fill materials piled along, and on top of, the fence line to the east of the NiMo easement which had consequently destroyed lengthy sections of the fence line. It is estimated by Haley & Aldrich of New York that the cumulative volume of piled materials is approximately 400 cubic yards (cy).

In some places, the piles of excavated material also extend onto the land east of the fence line where 12 inches of imported cover had been placed as part of the Site remedial activities in the 2006 to 2007 timeframe.

Conversations between Haley & Aldrich of New York, the NYSDEC, and representatives of the BRPRR, indicated that BRPRR actively maintains the gravel road within the BRPRR easement along the western boundary of the Site. The representatives of the BRPRR acknowledged that these maintenance activities included periodically excavating accumulated materials and soil containing the historic waste material from the drainage ditch. BRPRR further acknowledged that its ditch maintenance contractor appeared to have placed excavated materials from the drainage ditch within the NiMo easement and onto the fencing and/or cover system soils.

Per email correspondence with the NYSDEC dated May 17, 2024, the material piled along the fence line can not only be placed on the Site beneath cover, but can even be used on-Site *as cover* if precharacterization sampling and analysis of the piled materials indicate that chemical constituents do not exceed NYSDEC Part 375 Industrial Use Soil Cleanup Objectives (SCOs), NYSDEC 2023 PFAS sampling Industrial-Use guidance values are met, and no elevated Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) per NYSDEC Policy DMM-5 is identified by a licensed Decommission and Demolition (D&D) contractor.

Soil Precharacterization Findings

RADIOLOGICAL SCREENING

Haley & Aldrich of New York subcontracted with BE3 to develop a TENORM screening plan in accordance with NYSDEC Policy DMM-5 to assess the excavated materials in the windrow of piles along and on top of the western fence line, and to conduct a preliminary screening radiation survey to evaluate if TENORM is present in the piled material. Under the management and direction of TerranearPMC and their United States Nuclear Regulatory Commission (USNRC) nationwide D&D license with reciprocity in New York State, BE3 developed a Gamma Radiation Survey Plan, which was approved by the NYSDEC via email on April 21, 2025. On April 29, 2025, BE3 performed the screening survey, the findings of which are summarized in Attachment A, BE3's report titled "Summary of Findings – Gamma Radiation Survey, Steelfields Area IV, Buffalo," dated May 2, 2025.

As presented in BE3's Summary of Findings, the gamma radiation emitted from the piled material and surrounding area was within acceptable limits under NYSDEC Policy DMM-5, and it was not anticipated that the NYSDEC will require radiological waste management associated with the piles. The BE3

summary was provided to the NYSDEC for review on May 23, 2025, and on May 27, 2025, the NYSDEC provided the letter to Haley & Aldrich of New York found in Attachment B, which concurred with BE3's Summary of Findings as follows:

"…the data from the reports support that the excavated material is not TENORM; this conclusion is based on the lack of provenance related to the source(s) of the material, as well comparison to background data.

Although not part of the TENORM analysis, the NYSDEC letter of May 27, 2025 went on to state that:

Please note, however, that the material is considered a solid waste and must be properly handled and/or disposed of, in compliance with appropriate regulations."

EXCAVATED SOIL/FILL MATERIAL SAMPLING

On April 29, 2025, Haley & Aldrich of New York collected soil/fill material samples from the piles for analytical testing to facilitate assessment of whether and how the materials can be placed on-Site as either cover material or under protective cover, or whether they will require disposal off-Site. Based on an initial volume estimate of the piled material of approximately 400 cubic yards, and as required by NYSDEC DER-10 Table 5.4(e)10, four (4) discrete samples (SGS-WR-DISC-N1, SGS-WR-DISC-N2, SGS-WR-DISC-S1, SGS-WR-DISC-S2) and two (2) 5-part composite samples (SGS-WR-COMP-N, SGS-WR-COMP-S) were collected from the windrow of piles and submitted to Pace Analytical for chemical analysis. Approximate locations of the discrete soil samples are shown on Figure 1. Composite samples SGS-WR-COMP-N and SGS-WR-COMP-S were collected from materials in the respective northern and southern halves of the soil windrow shown on Figure 1.

The four discrete soil samples were analyzed for the NYSDEC Part 375 volatile organic compound (VOC) list, while the two composite samples were analyzed for NYSDEC Part 375 semi-volatile organic compounds (SVOCs), Part 375 metals, Part 375 pesticides (excluding Silvex), polychlorinated biphenyls (PCBs), per- and polyfluoroalkyl substances (PFAS) (via EPA Method 1633), corrosivity, reactivity (sulfide and cyanide), and flashpoint. Additionally, because the lead concentration in sample SGS-WR-COMP-S exceeded the Resource Conservation and Recovery Act (RCRA) "20x "rule", Toxicity Characteristic Leaching Procedure (TCLP) analysis was performed on the sample (for lead only). Laboratory data are summarized in Table I and analytical data reports are attached to this memorandum.

Field observations of the windrow soils indicated the presence of slag, refractory brick, ash, and/or other anthropogenic fill materials. Screening of the material by Haley & Aldrich of New York with a photoionization detector (PID) did not identify the presence of VOCs during the sampling activities.

Chemical analytical results for the samples collected, which are set forth in Attachment C, did not identify concentrations of compounds/analytes exceeding NYSDEC Part 375 Industrial SCOs, or the thresholds for characteristic hazardous waste.

Conclusions

Despite the chemical analytical results indicating that the material in the piles met the NYSDEC Part 375 Industrial SCOs, NYSDEC has indicated that material piled in a windrow cannot be placed on-Site as protective cover because of the presence of the slag, refractory brick, ash, and/or other anthropogenic fill materials.

However, because no elevated TENORM per DMM-5 has been identified by a licensed D&D contractor within the windrow, and chemical analytical data indicate compound/analyte concentrations are below NYSDEC Industrial SCOs and PFAS sampling industrial guidance values, the material can be placed on the Site under a protective cover (asphalt/concrete or 1-ft thick imported cover meeting DER-10 criteria) if Hydro-Air wishes.

Additionally, given the chemical composition of this material and absence of any constituent exceeding thresholds for characteristic hazardous waste, it is anticipated the material would be accepted for disposition at a New York State licensed Subtitle D landfill.

Attachments:

Table I: Soil Analytical Data
Figure 1: Sample Location Plan
Attachment A: Summary of Findings – Gamma Radiation Survey, Steelfields Area IV, Buffalo, Prepared by BE3 dated May 2, 2025
Attachment B: NYSDEC Review of Summary of Findings – Gamma Radiation Survey, May 27, 2025
Attachment C: Laboratory Analytical Data

TABLE

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

Location Sample Date	NYSDEC Part 375 Industrial SCOs	SGS-WR-COMP-N 04/29/2025	SGS-WR-COMP-S 04/29/2025	SGS-WR-DISC-N1 04/29/2025	SGS-WR-DISC-N2 04/29/2025	SGS-WR-DISC-S1 04/29/2025	SGS-WR-DISC-S2 04/29/2025
Inorganic Compounds (mg/kg)							
Arsenic	16	**5.55**	**13.9**	-	-	-	-
Barium	10000	**86.2**	**107**	-	-	-	-
Beryllium	2700	**1.49**	**1.71**	-	-	-	-
Cadmium	60	ND (1.86)	**0.147 J**	-	-	-	-
Chromium	-	**19.4**	**19.9**	-	-	-	-
Chromium III (Trivalent)	6800	**19.4**	**19.9**	-	-	-	-
Chromium VI (Hexavalent)	800	ND (0.971)	ND (0.989)	-	-	-	-
Copper	10000	**21.2**	**32.5**	-	-	-	-
Lead	3900	**28.5**	**105**	-	-	-	-
Manganese	10000	**2240**	**1830**	-	-	-	-
Mercury	5.7	**0.151**	**0.121**	-	-	-	-
Nickel	10000	**9.34**	**12.5**	-	-	-	-
Selenium	6800	ND (3.72)	**0.923 J**	-	-	-	-
Silver	6800	ND (0.93)	ND (0.491)	-	-	-	-
Zinc	10000	**69.7**	**154**	-	-	-	-
PCBs (mg/kg)							
Aroclor-1016 (PCB-1016)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1221 (PCB-1221)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1232 (PCB-1232)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1242 (PCB-1242)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1248 (PCB-1248)	-	**0.0132 J**	ND (0.0604)	-	-	-	-
Aroclor-1254 (PCB-1254)	-	**0.0276 J**	**0.0179 J**	-	-	-	-
Aroclor-1260 (PCB-1260)	-	**0.0326 J**	**0.019 J**	-	-	-	-
Aroclor-1262 (PCB-1262)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1268 (PCB-1268)	-	**0.0116 J**	**0.00768 J**	-	-	-	-
Polychlorinated biphenyls (PCBs)	25	**0.085 J**	**0.0446 J**	-	-	-	-
Pesticides (mg/kg)							
4,4'-DDD	180	ND (0.00186)	ND (0.00187)	-	-	-	-
4,4'-DDE	120	**0.0011 J**	**0.00149 JP**	-	-	-	-
4,4'-DDT	94	ND (0.00186)	ND (0.00187)	-	-	-	-
Aldrin	1.4	ND (0.00186)	ND (0.00187)	-	-	-	-
alpha-BHC	6.8	ND (0.000774)	ND (0.000779)	-	-	-	-
alpha-Chlordane (cis)	47	ND (0.00232)	ND (0.00234)	-	-	-	-
beta-BHC	14	ND (0.00186)	ND (0.00187)	-	-	-	-
Chlordane	-	ND (0.0155)	ND (0.0156)	-	-	-	-
delta-BHC	1000	ND (0.00186)	ND (0.00187)	-	-	-	-
Dieldrin	2.8	ND (0.00116)	ND (0.00117)	-	-	-	-
Endosulfan I	920	ND (0.00186)	ND (0.00187)	-	-	-	-
Endosulfan II	920	ND (0.00186)	ND (0.00187)	-	-	-	-
Endosulfan sulfate	920	ND (0.000774)	ND (0.000779)	-	-	-	-
Endrin	410	ND (0.000774)	ND (0.000779)	-	-	-	-
gamma-BHC (Lindane)	23	ND (0.000774)	ND (0.000779)	-	-	-	-
Heptachlor	29	ND (0.000929)	ND (0.000935)	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)							
1,4-Dioxane	250	ND (0.03)	ND (0.03)	-	-	-	-
2-Methylphenol (o-Cresol)	1000	ND (0.2)	ND (0.2)	-	-	-	-
3&4-Methylphenol	-	**0.047 J**	**0.043 J**	-	-	-	-
Acenaphthene	1000	**0.043 J**	**0.069 J**	-	-	-	-
Acenaphthylene	1000	**0.27**	**0.38**	-	-	-	-
Aniline	-	ND (0.24)	ND (0.24)	-	-	-	-
Anthracene	1000	**0.31**	**0.45**	-	-	-	-
Benzo(a)anthracene	11	**0.61**	**1**	-	-	-	-
Benzo(a)pyrene	1.1	**0.6**	**0.95**	-	-	-	-
Benzo(b)fluoranthene	11	**1**	**1.4**	-	-	-	-
Benzo(g,h,i)perylene	1000	**0.42**	**0.59**	-	-	-	-

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

Location Sample Date	NYSDEC Part 375 Industrial SCOs	SGS-WR-COMP-N 04/29/2025	SGS-WR-COMP-S 04/29/2025	SGS-WR-DISC-N1 04/29/2025	SGS-WR-DISC-N2 04/29/2025	SGS-WR-DISC-S1 04/29/2025	SGS-WR-DISC-S2 04/29/2025
Benzo(k)fluoranthene	110	**0.3**	**0.42**	-	-	-	-
Chrysene	110	**0.66**	**0.99**	-	-	-	-
Dibenz(a,h)anthracene	1.1	**0.11 J**	**0.16**	-	-	-	-
Dibenzofuran	1000	**0.26**	**0.38**	-	-	-	-
Fluoranthene	1000	**0.91**	**1.8**	-	-	-	-
Fluorene	1000	**0.1 J**	**0.42**	-	-	-	-
Hexachlorobenzene	12	ND (0.12)	ND (0.12)	-	-	-	-
Indeno(1,2,3-cd)pyrene	11	**0.47**	**0.68**	-	-	-	-
Naphthalene	1000	**0.65**	**1.3**	-	-	-	-
Nitrobenzene	-	ND (0.18)	ND (0.18)	-	-	-	-
Pentachlorophenol	55	ND (0.16)	ND (0.16)	-	-	-	-
Phenanthrene	1000	**0.7**	**1.2**	-	-	-	-
Phenol	1000	ND (0.2)	ND (0.2)	-	-	-	-
Pyrene	1000	**0.79**	**1.4**	-	-	-	-
Volatile Organic Compounds (mg/kg)							
1,1,1-Trichloroethane	1000	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
1,1-Dichloroethane	480	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
1,1-Dichloroethene	1000	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
1,2,4-Trimethylbenzene	380	-	-	ND (0.0028)	ND (0.0032)	0.66	ND (0.0024)
1,2-Dichlorobenzene	1000	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
1,2-Dichloroethane	60	-	-	ND (0.0014)	ND (0.0016)	**0.034 J**	ND (0.0012)
1,3,5-Trimethylbenzene	380	-	-	ND (0.0028)	ND (0.0032)	**0.79**	ND (0.0024)
1,3-Dichlorobenzene	560	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
1,4-Dichlorobenzene	250	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
2-Butanone (Methyl Ethyl Ketone)	1000	-	-	ND (0.014)	ND (0.016)	ND (0.016)	ND (0.012)
2-Phenylbutane (sec-Butylbenzene)	1000	-	-	ND (0.0014)	ND (0.0016)	**0.12**	ND (0.0012)
Acetone	1000	-	-	ND (0.014)	ND (0.016)	ND (0.016)	ND (0.012)
Benzene	89	-	-	ND (0.00071)	ND (0.00079)	1.3	ND (0.00061)
Carbon tetrachloride	44	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
Chlorobenzene	1000	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
Chloroform (Trichloromethane)	700	-	-	ND (0.0021)	ND (0.0024)	ND (0.0024)	ND (0.0018)
cis-1,2-Dichloroethene	1000	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
Ethylbenzene	780	-	-	ND (0.0014)	ND (0.0016)	**0.16**	ND (0.0012)
m,p-Xylenes	-	-	-	ND (0.0028)	ND (0.0032)	**2.2**	ND (0.0024)
Methyl Tert Butyl Ether (MTBE)	1000	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
Methylene chloride (Dichloromethane)	1000	-	-	ND (0.0071)	ND (0.0079)	ND (0.008)	ND (0.0061)
n-Butylbenzene	1000	-	-	ND (0.0014)	ND (0.0016)	**0.028 J**	ND (0.0012)
n-Propylbenzene	1000	-	-	ND (0.0014)	ND (0.0016)	**0.057 J**	ND (0.0012)
o-Xylene	-	-	-	ND (0.0014)	ND (0.0016)	**1.2**	ND (0.0012)
tert-Butylbenzene	1000	-	-	ND (0.0028)	ND (0.0032)	**0.016 J**	ND (0.0024)
Tetrachloroethene	300	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
Toluene	1000	-	-	ND (0.0014)	ND (0.0016)	**1.4**	ND (0.0012)
trans-1,2-Dichloroethene	1000	-	-	ND (0.0021)	ND (0.0024)	ND (0.0024)	ND (0.0018)
Trichloroethene	400	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
Vinyl chloride	27	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
PFAS (mg/kg)							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	-	ND (0.005)	ND (0.00498)	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	-	ND (0.005)	ND (0.00498)	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	-	ND (0.001)	ND (0.000997)	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-

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

Location Sample Date	NYSDEC Part 375 Industrial SCOs	SGS-WR-COMP-N 04/29/2025	SGS-WR-COMP-S 04/29/2025	SGS-WR-DISC-N1 04/29/2025	SGS-WR-DISC-N2 04/29/2025	SGS-WR-DISC-S1 04/29/2025	SGS-WR-DISC-S2 04/29/2025
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	-	ND (0.002)	ND (0.00199)	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	-	ND (0.002)	ND (0.00199)	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	-	**0.000051 JF**	**0.000061 JF**	-	-	-	-
Perfluorobutanoic acid (PFBA)	-	**0.000161 J**	**0.000261 J**	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorodecanoic acid (PFDA)	-	**0.000119 J**	**0.000162 J**	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	-	**0.000048 J**	**0.000059 J**	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	-	**0.000075 J**	**0.000098 J**	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	-	**0.000027 J**	**0.000022 J**	-	-	-	-
Perfluorohexanoic acid (PFHxA)	-	**0.000059 J**	**0.000073 J**	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorononanoic acid (PFNA)	-	**0.000115 J**	**0.000171 J**	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	**0.000437**	**0.000664**	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.6	**0.000238**	**0.00033**	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluoropentanoic acid (PFPeA)	-	**0.000051 J**	**0.000062 J**	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	-	ND (0.0002)	**0.00003 J**	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	-	**0.000028 J**	**0.000038 J**	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	-	**0.000092 J**	**0.000097 J**	-	-	-	-
Other							
Total Solids (%)	-	**82.4**	**80.9**	**80.1**	**81.6**	**84.3**	**81.4**
Cyanide (mg/kg)	10000	**0.66 J**	**0.68 J**	-	-	-	-
Reactive Cyanide (mg/kg)	-	ND (10)	ND (10)	-	-	-	-
Reactive Sulfide (mg/kg)	-	ND (10)	ND (10)	-	-	-	-
Ignitability (Flashpoint)	-	Not Ignitable	Not Ignitable	-	-	-	-
pH (lab) (pH units)	-	**7.99**	**8.12**	-	-	-	-
TCLP Inorganic Compounds (mg/L)							
Lead	-	-	ND (0.5)	-	-	-	-

Notes:
1. Results in **bold** were detected.
2. Results in red exceed one or more of the following criteria:
   [A] - NYSDEC Part 375 Industrial SCOs (2006)
3. Laboratory Qualifiers definitions:
   ND - Not detected above the reporting limit
   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.
   F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be anestimated maximum concentration.
   P - The RPD between the results for the two columns exceeds the method-specified criteria.

FIGURE



LEGEND

- DISCRETE SOIL SAMPLE
- APPROXIMATE AREA OF SOIL WINDROW
- FENCE
- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- RAILROAD
- HYDRO-AIR (STEELFIELDS AREA
- STEELFIELDS AREA

NOTES

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

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

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

SOIL PRECHARACTERIZATION SAMPLE LOCATION PLAN

MAY 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_05\129356_017_0001_SAMPLE_LOCATION_PLAN.mxd — USER: anichols — LAST SAVED: 5/23/2025 1:31:49 PM

ATTACHMENT A
Summary of Findings
(Gamma Radiation Survey, Steelfields Area IV, Buffalo, Prepared by BE3 dated May 2, 2025)

May 2, 2025

Drew Nichols
Haley and Aldrich
585-321-4220
anichols@haleyaldrich.com

Re: Summary of Findings – Gamma Radiation Survey – Steelfields Area IV, Buffalo

Drew,

This letter presents a summary of findings for the gamma radiation survey performed on Tuesday April 29th, 2025. The survey was performed per the required survey plan memo dated April 17, 2025, from Dustin G Miller (TPMC) to ascertain if suspect slag contained elevated radioactive material and emitted gamma radiation at levels that would warrant additional TENORM management.

As described in the memo, all premobilization activities were performed including source checking the gamma scintillation system (i.e., Ludlum 2221 meter with a 44-10 probe) before entering the work site. The background gamma radiation obtained for this survey was adjacent to the subject soil windrow area (i.e., approximately 100 feet west of the southwest edge of the parking lot at 100 Rittling Blvd.). The actual background area was selected proximately to the original proposed locations based upon accessibility. Five one-minute counts were obtained at this location yielding a final averaged gamma background value of 9,430 cpm. The entire windrow area (i.e., approximately 1000'x30') was surveyed per the approved memo and readings in cpm were documented during the walkover. The gamma radiation readings as determined by the instrumentation ranged from 7,000-11,000 cpm, which is less than 1.5 times the background gamma radiation. Accordingly, no exceedances were flagged in the field. Please see the attached survey form, photolog, and sign in sheet for details.

In conclusion, the gamma radiation emitted from the suspect material and surrounding area was determined to be within acceptable limits such that there are no concerns for impacts on human health and the environment and no additional TENORM waste management should be warranted. Should you have any questions or concerns, please contact me.

Sincerely,

Jason M. Brydges, PE
President

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

RADIOLOGICAL SURVEY FORM

Area/Item Surveyed	Survey #	Date
Excavated material in Windrow on Western boundary of property	SF4 - 1	4.29.2025

Type of Survey	Project Name and #
Gamma Walkover Direct	STEEL FIELDS AREA IV

Meter Model	Detector Model	Cal. Due Date	Efficiency
2221	44-10	3/10/2026	NA

Serial #	Serial #	Bkgd. (cpm)	Direct/Smear/Wipe/Dose
154196	PR370690	9430 cpm	COUNTS RANGE FROM 7,000cpm - 10,774cpm

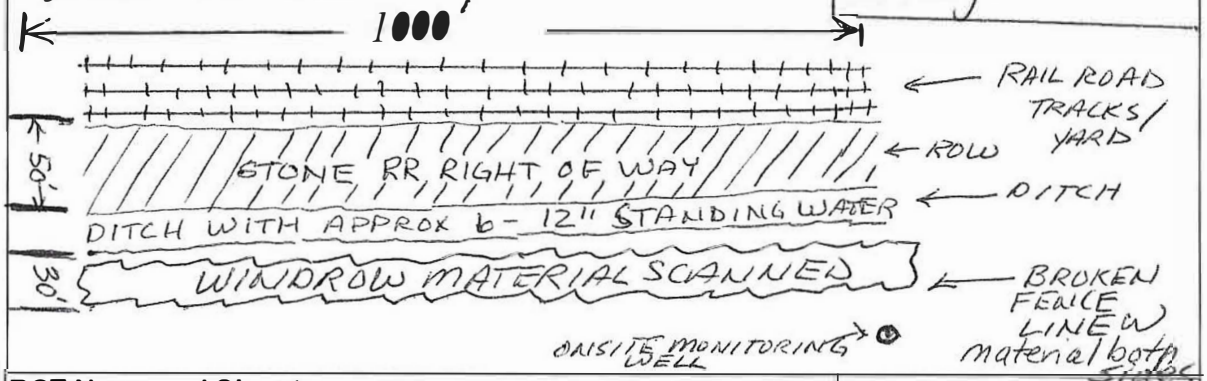
ILLUSTRATION/COMMENTS:

WALKED OVER WINDROW OF EXCAVATED MATERIAL FROM OLD DITCH CLEARING OPERATIONS. WINDROW CONTAINED SOIL, GRAVEL, SLAG, VEGITATION AND CONSTRUCTION DEBRIS. MATERIAL IN QUESTION WAS WALKED OVER USING THE ABOVE INSTRUMENT. ALL COUNTS FELL BETWEEN 7K - 11K CPM. AREA WAS APPROX 1000' x 80' AND INCLUDED THE RAILROAD RIGHT OF WAY ALL COUNTS THERE WERE 7K - 9KCPM

Background readings
1. 9259 CPM
2. 9329
3. 9413
4. 9685
5. 9467

Background taken 95' west of South west edge of Parking lot @ 800 Rifling Rd.

N



RCT Name and Signature	Date
James H. Hull H. Hull	4.29.2025

Supervisor Name and Signature	Date
JASON M. BRYDGES	5-1-25



LEGEND

- TENORM BACKGROUND AREA SCREENED ON APRIL 29, 2025
- PROPOSED REPRESENTATIVE TENORM BACKGROUND AREA APPROVED BY NYSDEC
- APPROXIMATE AREA OF SOIL WINDROW
- FENCE
- PLANT AREA
- APPROXIMATE TAR AND BLUE SOIL/FILL EXCAVATION LIMITS
- POND
- STORMWATER PIPE
- RAILROAD
- HYDRO-AIR (STEELFIELDS AREA
- STEELFIELDS AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. TAX PARCEL DATA SOURCE: ERIE COUNTY
3. PROPOSED REPRESENTATIVE BACKGROUND SCREENING AREAS APPROVED BY NYSDEC WERE CONSIDERED INACCESSIBLE DURING FIELD ACTIVITIES.
4. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2020

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

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

SITE PLAN

MAY 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129356 - HydroAir (2017-)\GLOBAL\GIS\Maps\2025_04\129356_017_0001_SITE_PLAN.mxd — USER: anichols — LAST SAVED: 5/2/2025 10:24:46 AM

Date: May 2, 2025



1. Typical Slag Windrow

BE3

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC



2. Gamma Reading on Slag Pile



3. Gamma Reading on Large Slag



4. More Slag Piles in Windrow

H&A GWS | SIGN IN SHEET

Jordan Oliver G&W Roadmaster 4/29/2025
JordanOL

RITA MAGER G&W DIRECTOR ENVIRONMENTAL
Rita A. Mager

Megan Kuczka NYSDEC
MK

Derick Dietrich NYSDEC

Kim Bartlett H&A

ATTACHMENT B
NYSDEC Review of Summary Findings
(Gamma Radiation Survey, May 27, 2025)

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

May 27, 2025

Andrew Nichols
Haley and Aldrich
200 Town Centre Drive
Rochester, New York 14623

Dear Andrew Nichols:

Summary of Findings – Gamma Radiation Survey– Steelfields Area IV, Buffalo

The NYS Department of Environmental Conservation (Department) has received and reviewed the Summary of Findings report for the Gamma Walkover survey conducted at the Steelfields Area IV site (site), located at 100 Rittling Boulevard, Buffalo NY. After reviewing the Summary of Findings report, dated May 23, 2025, the Radioactive Materials Management Section (RMMS) accepts this report and agrees with the findings and data provided in the report mentioned above.

The Summary of Findings report provides the details of a gamma walkover survey performed by BE3 staff on a windrow of fill material at the site. The windrow contained fill material which included slag-like material that was visibly identified prior to the gamma walkover survey. The report explains that none of the material surveyed indicated readings above 1.5x the background gamma radiation levels.

The Department has reviewed the report and has concluded that the data from the reports support that the excavated material is not TENORM; this conclusion is based on the lack of provenance related to the source(s) of the material, as well comparison to background data. Please note, however, that the material is considered a solid waste and must be properly handled and/or disposed of, in compliance with appropriate regulations.

Please feel free to contact me with any comments or questions that you may have at (716)-851-7278 or via email at derick.dietrich@dec.ny.gov

Sincerely,

Derick Dietrich

Derick Dietrich
Environmental Radiation Specialist 1
Division of Materials Management, Region 9

DD: ef

ec: Patrick Concannon, Professional Geologist 2, NYSDEC Region 9
Megan Kuczka, Environmental Program Specialist 2, NYSDEC Region 9
Thomas Papura, Environmental Radiation Specialist 3, NYSDEC Albany
Dustin G. Miller, CHP, TerranearPMC, LLC
Jason M. Brydges, P.E., Brydges Engineering (BE3)
Glenn White, Haley and Aldrich

ATTACHMENT C
Laboratory Analytical Data

ANALYTICAL REPORT

Lab Number:	L2526258
Client:	Haley & Aldrich 260 E Main St Suite 2100 Rochester, NY 14604
ATTN:	Andrew Nichols
Phone:	(585) 321-4220
Project Name:	HYDRO-AIR COMPONENTS, INC.
Project Number:	0129356-017-001-01
Report Date:	05/13/25

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

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

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2526258-01	SGS-WR-DISC-N1	SOIL	Not Specified	04/29/25 11:10	04/29/25
L2526258-02	SGS-WR-DISC-N2	SOIL	Not Specified	04/29/25 11:25	04/29/25
L2526258-03	SGS-WR-DISC-S1	SOIL	Not Specified	04/29/25 11:55	04/29/25
L2526258-04	SGS-WR-DISC-S2	SOIL	Not Specified	04/29/25 12:25	04/29/25
L2526258-05	SGS-WR-COMP-N	SOIL	Not Specified	04/29/25 11:15	04/29/25
L2526258-06	SGS-WR-COMP-S	SOIL	Not Specified	04/29/25 12:00	04/29/25

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2526258
Project Number:	0129356-017-001-01	**Report Date:**	05/13/25

Case Narrative

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

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

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

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

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

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

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2526258
Project Number:	0129356-017-001-01	**Report Date:**	05/13/25

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2526258-03: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Semivolatile Organics

WG2061877: An MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Pesticides

L2526258-05: The internal standard (IS) response for 1-bromo-2-nitrobenzene (201%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.
L2526258-05: The surrogate recovery is outside the individual acceptance criteria for decachlorobiphenyl (29%), but within the overall method allowances. The results of the original analysis are reported.
L2526258-06: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported. The result is qualified with an "IP" if the lower of the two results is reported.
L2526258-06: The internal standard (IS) response for 1-bromo-2-nitrobenzene (383%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (19%) and decachlorobiphenyl (14%) due to interference with the Internal Standard.

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2526258
Project Number:	0129356-017-001-01	**Report Date:**	05/13/25

Case Narrative (continued)

Total Metals

L2526258-05 and -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Chromium, Hexavalent

The WG2061546-4 Insoluble MS recovery performed on L2526258-06 is below the acceptance criteria for chromium, hexavalent (49%). The Soluble MS recovery for chromium, hexavalent (42%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 86%.

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: 05/13/25

ORGANICS

VOLATILES

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-01
Client ID: SGS-WR-DISC-N1
Sample Location: Not Specified

Date Collected: 04/29/25 11:10
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/25 13:26
Analyst: JIC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.71	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Acetone	ND		ug/kg	14	6.8	1
2-Butanone	ND		ug/kg	14	3.2	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-01 Date Collected: 04/29/25 11:10

Client ID: SGS-WR-DISC-N1 Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-02
Client ID: SGS-WR-DISC-N2
Sample Location: Not Specified

Date Collected: 04/29/25 11:25
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/09/25 18:28
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.86	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Acetone	ND		ug/kg	16	7.6	1
2-Butanone	ND		ug/kg	16	3.5	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
n-Propylbenzene	ND		ug/kg	1.6	0.27	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-02 Date Collected: 04/29/25 11:25

Client ID: SGS-WR-DISC-N2 Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-03
Client ID: SGS-WR-DISC-S1
Sample Location: Not Specified

Date Collected: 04/29/25 11:55
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/09/25 19:07
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	550	250	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	160	15.	1
Carbon tetrachloride	ND		ug/kg	110	25.	1
Tetrachloroethene	ND		ug/kg	55	21.	1
Chlorobenzene	ND		ug/kg	55	14.	1
1,2-Dichloroethane	34	J	ug/kg	110	28.	1
1,1,1-Trichloroethane	ND		ug/kg	55	18.	1
Benzene	1300		ug/kg	55	18.	1
Toluene	1400		ug/kg	110	59.	1
Ethylbenzene	160		ug/kg	110	15.	1
Vinyl chloride	ND		ug/kg	110	37.	1
1,1-Dichloroethene	ND		ug/kg	110	26.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	15.	1
Trichloroethene	ND		ug/kg	55	15.	1
1,2-Dichlorobenzene	ND		ug/kg	220	16.	1
1,3-Dichlorobenzene	ND		ug/kg	220	16.	1
1,4-Dichlorobenzene	ND		ug/kg	220	19.	1
Methyl tert butyl ether	ND		ug/kg	220	22.	1
p/m-Xylene	2200		ug/kg	220	61.	1
o-Xylene	1200		ug/kg	110	32.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	19.	1
Acetone	ND		ug/kg	1100	530	1
2-Butanone	ND		ug/kg	1100	240	1
n-Butylbenzene	28	J	ug/kg	110	18.	1
sec-Butylbenzene	120		ug/kg	110	16.	1
tert-Butylbenzene	16	J	ug/kg	220	13.	1
n-Propylbenzene	57	J	ug/kg	110	19.	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-03 Date Collected: 04/29/25 11:55

Client ID: SGS-WR-DISC-S1 Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	790		ug/kg	220	21.	1
1,2,4-Trimethylbenzene	660		ug/kg	220	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	76		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	93		70-130

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-03
Client ID: SGS-WR-DISC-S1
Sample Location: Not Specified

Date Collected: 04/29/25 11:55
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/25 14:06
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Benzene	ND		ug/kg	0.80	0.27	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.90	1
o-Xylene	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Acetone	ND		ug/kg	16	7.7	1
2-Butanone	ND		ug/kg	16	3.6	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
n-Propylbenzene	ND		ug/kg	1.6	0.27	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-03 Date Collected: 04/29/25 11:55

Client ID: SGS-WR-DISC-S1 Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1

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

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-04
Client ID: SGS-WR-DISC-S2
Sample Location: Not Specified

Date Collected: 04/29/25 12:25
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/25 14:45
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Acetone	ND		ug/kg	12	5.9	1
2-Butanone	ND		ug/kg	12	2.7	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-04 Date Collected: 04/29/25 12:25

Client ID: SGS-WR-DISC-S2 Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	116		70-130

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 17:10
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG2065418-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 17:10
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG2065418-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 17:10
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG2065421-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Vinyl chloride	ND		ug/kg	50	17.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Acetone	ND		ug/kg	500	240
2-Butanone	ND		ug/kg	500	110
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
n-Propylbenzene	ND		ug/kg	50	8.6
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 17:10
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG2065421-5					
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/25 10:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-04 Batch: WG2065893-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Acetone	ND		ug/kg	10	4.8
2-Butanone	ND		ug/kg	10	2.2
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/25 10:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,03-04 Batch: WG2065893-5					
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG2065418-3 WG2065418-4								
Methylene chloride	93		93		70-130	0		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	83		83		70-130	0		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	94		93		70-130	1		30
1,2-Dichloroethane	95		95		70-130	0		30
1,1,1-Trichloroethane	87		86		70-130	1		30
Benzene	92		95		70-130	3		30
Toluene	87		86		70-130	1		30
Ethylbenzene	88		87		70-130	1		30
Vinyl chloride	83		94		67-130	12		30
1,1-Dichloroethene	84		83		65-135	1		30
trans-1,2-Dichloroethene	89		89		70-130	0		30
Trichloroethene	97		97		70-130	0		30
1,2-Dichlorobenzene	91		91		70-130	0		30
1,3-Dichlorobenzene	90		89		70-130	1		30
1,4-Dichlorobenzene	90		89		70-130	1		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	94		95		70-130	1		30
Acetone	104		98		54-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG2065418-3 WG2065418-4								
2-Butanone	100		100		70-130	0		30
n-Butylbenzene	79		78		70-130	1		30
sec-Butylbenzene	82		82		70-130	0		30
tert-Butylbenzene	84		84		70-130	0		30
n-Propylbenzene	85		85		70-130	0		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	87		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		95		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2065421-3 WG2065421-4								
Methylene chloride	93		93		70-130	0		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	83		83		70-130	0		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	94		93		70-130	1		30
1,2-Dichloroethane	95		95		70-130	0		30
1,1,1-Trichloroethane	87		86		70-130	1		30
Benzene	92		95		70-130	3		30
Toluene	87		86		70-130	1		30
Ethylbenzene	88		87		70-130	1		30
Vinyl chloride	83		94		67-130	12		30
1,1-Dichloroethene	84		83		65-135	1		30
trans-1,2-Dichloroethene	89		89		70-130	0		30
Trichloroethene	97		97		70-130	0		30
1,2-Dichlorobenzene	91		91		70-130	0		30
1,3-Dichlorobenzene	90		89		70-130	1		30
1,4-Dichlorobenzene	90		89		70-130	1		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	94		95		70-130	1		30
Acetone	104		98		54-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG2065421-3 WG2065421-4								
2-Butanone	100		100		70-130	0		30
n-Butylbenzene	79		78		70-130	1		30
sec-Butylbenzene	82		82		70-130	0		30
tert-Butylbenzene	84		84		70-130	0		30
n-Propylbenzene	85		85		70-130	0		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	87		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		95		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-04 Batch: WG2065893-3 WG2065893-4								
Methylene chloride	102		103		70-130	1		30
1,1-Dichloroethane	104		105		70-130	1		30
Chloroform	101		103		70-130	2		30
Carbon tetrachloride	103		107		70-130	4		30
Tetrachloroethene	107		109		70-130	2		30
Chlorobenzene	103		105		70-130	2		30
1,2-Dichloroethane	98		100		70-130	2		30
1,1,1-Trichloroethane	104		107		70-130	3		30
Benzene	106		108		70-130	2		30
Toluene	98		100		70-130	2		30
Ethylbenzene	102		105		70-130	3		30
Vinyl chloride	124		122		67-130	2		30
1,1-Dichloroethene	106		107		65-135	1		30
trans-1,2-Dichloroethene	105		106		70-130	1		30
Trichloroethene	103		105		70-130	2		30
1,2-Dichlorobenzene	100		101		70-130	1		30
1,3-Dichlorobenzene	103		104		70-130	1		30
1,4-Dichlorobenzene	102		103		70-130	1		30
Methyl tert butyl ether	103		105		66-130	2		30
p/m-Xylene	105		107		70-130	2		30
o-Xylene	103		105		70-130	2		30
cis-1,2-Dichloroethene	104		106		70-130	2		30
Acetone	113		107		54-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,03-04 Batch: WG2065893-3 WG2065893-4								
2-Butanone	102		104		70-130	2		30
n-Butylbenzene	101		102		70-130	1		30
sec-Butylbenzene	103		104		70-130	1		30
tert-Butylbenzene	102		103		70-130	1		30
n-Propylbenzene	106		106		70-130	0		30
1,3,5-Trimethylbenzene	103		103		70-130	0		30
1,2,4-Trimethylbenzene	102		102		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	102		103		70-130

SEMIVOLATILES

Project Name: HYDRO-AIR COMPONENTS, INC.
Lab Number: L2526258
Project Number: 0129356-017-001-01
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05
Client ID: SGS-WR-COMP-N
Sample Location: Not Specified

Date Collected: 04/29/25 11:15
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 04:04
Analyst: LJG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	43	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Fluoranthene	910		ug/kg	120	23.	1
Naphthalene	650		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
Benzo(a)anthracene	610		ug/kg	120	22.	1
Benzo(a)pyrene	600		ug/kg	160	49.	1
Benzo(b)fluoranthene	1000		ug/kg	120	34.	1
Benzo(k)fluoranthene	300		ug/kg	120	32.	1
Chrysene	660		ug/kg	120	21.	1
Acenaphthylene	270		ug/kg	160	31.	1
Anthracene	310		ug/kg	120	39.	1
Benzo(ghi)perylene	420		ug/kg	160	24.	1
Fluorene	100	J	ug/kg	200	19.	1
Phenanthrene	700		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	470		ug/kg	160	28.	1
Pyrene	790		ug/kg	120	20.	1
Aniline	ND		ug/kg	240	94.	1
Dibenzofuran	260		ug/kg	200	19.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	47	J	ug/kg	290	31.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05 Date Collected: 04/29/25 11:15

Client ID: SGS-WR-COMP-N Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	59		18-120

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05
Client ID: SGS-WR-COMP-N
Sample Location: Not Specified

Date Collected: 04/29/25 11:15
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/08/25 00:08
Analyst: ANH
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.161	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.051	J	ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	0.051	JF	ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.059	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.075	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.027	J	ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.238		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.115	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.437		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	0.119	J	ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.092	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.048	J	ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.028	J	ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05 Date Collected: 04/29/25 11:15

Client ID: SGS-WR-COMP-N Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.365	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05 Date Collected: 04/29/25 11:15

Client ID: SGS-WR-COMP-N Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	145		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	101		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	170		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	120		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	123		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	84		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	91		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		15-130

Project Name: HYDRO-AIR COMPONENTS, INC.
Lab Number: L2526258
Project Number: 0129356-017-001-01
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 04:25
Analyst: LJG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	69	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Fluoranthene	1800		ug/kg	120	23.	1
Naphthalene	1300		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
Benzo(a)anthracene	1000		ug/kg	120	23.	1
Benzo(a)pyrene	950		ug/kg	160	50.	1
Benzo(b)fluoranthene	1400		ug/kg	120	34.	1
Benzo(k)fluoranthene	420		ug/kg	120	33.	1
Chrysene	990		ug/kg	120	21.	1
Acenaphthylene	380		ug/kg	160	31.	1
Anthracene	450		ug/kg	120	40.	1
Benzo(ghi)perylene	590		ug/kg	160	24.	1
Fluorene	420		ug/kg	200	20.	1
Phenanthrene	1200		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	680		ug/kg	160	28.	1
Pyrene	1400		ug/kg	120	20.	1
Aniline	ND		ug/kg	240	96.	1
Dibenzofuran	380		ug/kg	200	19.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	43	J	ug/kg	290	32.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06 Date Collected: 04/29/25 12:00

Client ID: SGS-WR-COMP-S Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	61		18-120

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/08/25 00:17
Analyst: ANH
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.261	J	ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	0.062	J	ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	0.061	JF	ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.073	J	ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.098	J	ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.022	J	ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	0.330		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	0.171	J	ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.664		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	0.162	J	ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	0.097	J	ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	0.059	J	ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	0.038	J	ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	0.030	J	ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06 Date Collected: 04/29/25 12:00

Client ID: SGS-WR-COMP-S Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06 Date Collected: 04/29/25 12:00

Client ID: SGS-WR-COMP-S Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	110		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	113		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	110		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	161		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	100		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	214		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	132		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	139		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	83		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	91		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	84		15-130

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01
Lab Number: L2526258
Report Date: 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 11:35
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG2061877-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Fluoranthene	ND		ug/kg	98	19.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Aniline	ND		ug/kg	200	77.
Dibenzofuran	ND		ug/kg	160	15.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
1,4-Dioxane	ND		ug/kg	24	7.5

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01
Lab Number: L2526258
Report Date: 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 11:35
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG2061877-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	69		18-120

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/07/25 21:00
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 05-06 Batch: WG2063336-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/07/25 21:00
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 05-06 Batch: WG2063336-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/07/25 21:00
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 05-06 Batch: WG2063336-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	115		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	113		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	109		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	115		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	114		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	108		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	108		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	111		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	116		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	109		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	110		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	132		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	104		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	86		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	99		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2061877-2 WG2061877-3								
Acenaphthene	69		70		31-137	1		50
Hexachlorobenzene	65		67		40-140	3		50
Fluoranthene	74		76		40-140	3		50
Naphthalene	73		73		40-140	0		50
Nitrobenzene	80		78		40-140	3		50
Benzo(a)anthracene	73		74		40-140	1		50
Benzo(a)pyrene	72		74		40-140	3		50
Benzo(b)fluoranthene	70		71		40-140	1		50
Benzo(k)fluoranthene	70		73		40-140	4		50
Chrysene	68		69		40-140	1		50
Acenaphthylene	74		73		40-140	1		50
Anthracene	73		75		40-140	3		50
Benzo(ghi)perylene	70		72		40-140	3		50
Fluorene	73		73		40-140	0		50
Phenanthrene	71		72		40-140	1		50
Dibenzo(a,h)anthracene	72		75		40-140	4		50
Indeno(1,2,3-cd)pyrene	74		77		40-140	4		50
Pyrene	73		75		35-142	3		50
Aniline	50		48		40-140	4		50
Dibenzofuran	70		72		40-140	3		50
Pentachlorophenol	65		67		17-109	3		50
Phenol	78		77		26-90	1		50
2-Methylphenol	79		78		30-130.	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG2061877-2 WG2061877-3								
3-Methylphenol/4-Methylphenol	79		77		30-130	3		50
1,4-Dioxane	57		55		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		78		25-120
Phenol-d6	78		75		10-120
Nitrobenzene-d5	76		74		23-120
2-Fluorobiphenyl	64		64		30-120
2,4,6-Tribromophenol	64		63		10-136
4-Terphenyl-d14	67		68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05-06 Batch: WG2063336-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	119		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	101		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	126		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	129		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	110		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	102		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	112		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	109		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	111		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	107		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	118		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05-06 Batch: WG2063336-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	117		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	109		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	89		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	105		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	113		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	97		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	96		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05-06 Batch: WG2063336-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05-06 Batch: WG2063336-3								
Perfluorobutanoic Acid (PFBA)	113		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	124		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	103		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	122		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	110		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	110		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	108		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	117		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	122		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05-06 Batch: WG2063336-3								
Perfluorododecanoic Acid (PFDoA)	109		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	89		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	106		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	93		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	114		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	111		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	99		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 05-06 Batch: WG2063336-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	105				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	91				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				15-130

PCBS

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05
Client ID: SGS-WR-COMP-N
Sample Location: Not Specified

Date Collected: 04/29/25 11:15
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/25 10:11
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.6	5.38	1	A
Aroclor 1221	ND		ug/kg	60.6	6.07	1	A
Aroclor 1232	ND		ug/kg	60.6	12.8	1	A
Aroclor 1242	ND		ug/kg	60.6	8.16	1	A
Aroclor 1248	13.2	J	ug/kg	60.6	9.08	1	A
Aroclor 1254	27.6	J	ug/kg	60.6	6.62	1	A
Aroclor 1260	32.6	J	ug/kg	60.6	11.2	1	B
Aroclor 1262	ND		ug/kg	60.6	7.69	1	A
Aroclor 1268	11.6	J	ug/kg	60.6	6.27	1	A
PCBs, Total	85.0	J	ug/kg	60.6	5.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	125		30-150	B

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/25 10:19
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.4	5.36	1	A
Aroclor 1221	ND		ug/kg	60.4	6.05	1	A
Aroclor 1232	ND		ug/kg	60.4	12.8	1	A
Aroclor 1242	ND		ug/kg	60.4	8.14	1	A
Aroclor 1248	ND		ug/kg	60.4	9.05	1	A
Aroclor 1254	17.9	J	ug/kg	60.4	6.60	1	B
Aroclor 1260	19.0	J	ug/kg	60.4	11.2	1	B
Aroclor 1262	ND		ug/kg	60.4	7.66	1	A
Aroclor 1268	7.68	J	ug/kg	60.4	6.25	1	A
PCBs, Total	44.6	J	ug/kg	60.4	5.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01
Lab Number: L2526258
Report Date: 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/03/25 09:18
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/03/25 00:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-06 Batch: WG2061865-1						
Aroclor 1016	ND		ug/kg	46.9	4.16	A
Aroclor 1221	ND		ug/kg	46.9	4.70	A
Aroclor 1232	ND		ug/kg	46.9	9.94	A
Aroclor 1242	ND		ug/kg	46.9	6.32	A
Aroclor 1248	ND		ug/kg	46.9	7.04	A
Aroclor 1254	ND		ug/kg	46.9	5.13	A
Aroclor 1260	ND		ug/kg	46.9	8.67	A
Aroclor 1262	ND		ug/kg	46.9	5.96	A
Aroclor 1268	ND		ug/kg	46.9	4.86	A
PCBs, Total	ND		ug/kg	46.9	4.16	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	114		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG2061865-2 WG2061865-3									
Aroclor 1016	118		119		40-140	1		50	A
Aroclor 1260	121		122		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	A
Decachlorobiphenyl	118		122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	121		122		30-150	B

PESTICIDES

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05
Client ID: SGS-WR-COMP-N
Sample Location: Not Specified

Date Collected: 04/29/25 11:15
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/04/25 15:55
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 00:14
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	B
Lindane	ND		ug/kg	0.774	0.346	1	B
Alpha-BHC	ND		ug/kg	0.774	0.220	1	B
Beta-BHC	ND		ug/kg	1.86	0.704	1	B
Heptachlor	ND		ug/kg	0.929	0.416	1	B
Aldrin	ND		ug/kg	1.86	0.654	1	B
Endrin	ND		ug/kg	0.774	0.317	1	B
Dieldrin	ND		ug/kg	1.16	0.580	1	B
4,4'-DDE	1.10	J	ug/kg	1.86	0.430	1	B
4,4'-DDD	ND		ug/kg	1.86	0.662	1	B
4,4'-DDT	ND		ug/kg	1.86	1.49	1	B
Endosulfan I	ND		ug/kg	1.86	0.439	1	B
Endosulfan II	ND		ug/kg	1.86	0.621	1	B
Endosulfan sulfate	ND		ug/kg	0.774	0.368	1	B
cis-Chlordane	ND		ug/kg	2.32	0.647	1	B
Chlordane	ND		ug/kg	15.5	6.15	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	**29**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/04/25 16:07
Analyst: JAG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 00:14
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	B
Lindane	ND		ug/kg	0.779	0.348	1	B
Alpha-BHC	ND		ug/kg	0.779	0.221	1	B
Beta-BHC	ND		ug/kg	1.87	0.709	1	B
Heptachlor	ND		ug/kg	0.935	0.419	1	B
Aldrin	ND		ug/kg	1.87	0.658	1	B
Endrin	ND		ug/kg	0.779	0.320	1	B
Dieldrin	ND		ug/kg	1.17	0.584	1	B
4,4'-DDE	1.49	JP	ug/kg	1.87	0.432	1	B
4,4'-DDD	ND		ug/kg	1.87	0.667	1	B
4,4'-DDT	ND		ug/kg	1.87	1.50	1	B
Endosulfan I	ND		ug/kg	1.87	0.442	1	B
Endosulfan II	ND		ug/kg	1.87	0.625	1	B
Endosulfan sulfate	ND		ug/kg	0.779	0.371	1	B
cis-Chlordane	ND		ug/kg	2.34	0.652	1	B
Chlordane	ND		ug/kg	15.6	6.20	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**19**	Q	30-150	A
Decachlorobiphenyl	**14**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01
Lab Number: L2526258
Report Date: 05/13/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/04/25 14:08
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 05/03/25 00:14
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-06 Batch: WG2061864-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Endrin	ND		ug/kg	0.639	0.262	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
Chlordane	ND		ug/kg	12.8	5.08	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG2061864-2 WG2061864-3									
Delta-BHC	87		99		30-150	13		30	A
Lindane	93		102		30-150	9		30	A
Alpha-BHC	79		87		30-150	10		30	A
Beta-BHC	89		100		30-150	12		30	A
Heptachlor	91		101		30-150	10		30	A
Aldrin	92		103		30-150	11		30	A
Endrin	94		105		30-150	11		30	A
Dieldrin	95		107		30-150	12		30	A
4,4'-DDE	92		104		30-150	12		30	A
4,4'-DDD	100		112		30-150	11		30	A
4,4'-DDT	102		115		30-150	12		30	A
Endosulfan I	85		95		30-150	11		30	A
Endosulfan II	90		101		30-150	12		30	A
Endosulfan sulfate	84		96		30-150	13		30	A
cis-Chlordane	78		87		30-150	11		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		79		30-150	A
Decachlorobiphenyl	80		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		94		30-150	B
Decachlorobiphenyl	95		105		30-150	B

METALS

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05 Date Collected: 04/29/25 11:15

Client ID: SGS-WR-COMP-N Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.55		mg/kg	1.86	0.803	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Barium, Total	86.2		mg/kg	1.86	0.197	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Beryllium, Total	1.49		mg/kg	0.930	0.102	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.86	0.102	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Chromium, Total	19.4		mg/kg	1.86	1.58	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Copper, Total	21.2		mg/kg	1.86	0.422	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Lead, Total	28.5		mg/kg	9.30	0.443	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Manganese, Total	2240		mg/kg	1.86	0.997	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Mercury, Total	0.151		mg/kg	0.096	0.062	1	05/06/25 11:59	05/06/25 13:53	EPA 7471B	1,7471B	JWN
Nickel, Total	9.34		mg/kg	4.65	1.50	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.72	0.612	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.930	0.554	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
Zinc, Total	69.7		mg/kg	9.30	1.13	4	05/06/25 10:52	05/06/25 16:00	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19.4		mg/kg	1.86	1.58	1		05/06/25 16:00	NA	107,-	

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06 Date Collected: 04/29/25 12:00

Client ID: SGS-WR-COMP-S Date Received: 04/29/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.9		mg/kg	0.982	0.424	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Barium, Total	107		mg/kg	0.982	0.104	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Beryllium, Total	1.71		mg/kg	0.491	0.054	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.147	J	mg/kg	0.982	0.054	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Chromium, Total	19.9		mg/kg	0.982	0.832	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Copper, Total	32.5		mg/kg	0.982	0.223	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Lead, Total	105		mg/kg	4.91	0.234	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Manganese, Total	1830		mg/kg	0.982	0.526	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Mercury, Total	0.121		mg/kg	0.088	0.057	1	05/06/25 11:59	05/06/25 13:56	EPA 7471B	1,7471B	JWN
Nickel, Total	12.5		mg/kg	2.45	0.793	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Selenium, Total	0.923	J	mg/kg	1.96	0.323	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.491	0.292	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
Zinc, Total	154		mg/kg	4.91	0.595	2	05/06/25 10:52	05/06/25 15:17	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19.9		mg/kg	0.989	0.832	1		05/06/25 15:17	NA	107,-	

Project Name: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

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): 05-06 Batch: WG2062904-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.042	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.022	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.022	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.214	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.132	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.119	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.242	1	05/06/25 10:52	05/06/25 14:58	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05-06 Batch: WG2062908-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/06/25 11:59	05/06/25 13:36	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-06 Batch: WG2062904-2								
Arsenic, Total	96		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Copper, Total	96		-		80-120	-		
Lead, Total	96		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	94		-		80-120	-		
Zinc, Total	98		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 05-06 Batch: WG2062908-2								
Mercury, Total	107		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

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): 05-06 QC Batch ID: WG2062904-3 QC Sample: L2525805-01 Client ID: MS Sample												
Arsenic, Total	15.5	10.9	24.2	80		-	-		75-125	-		20
Barium, Total	16.5	181	179	90		-	-		75-125	-		20
Beryllium, Total	0.282J	4.52	4.37	96		-	-		75-125	-		20
Cadmium, Total	ND	4.8	4.13	86		-	-		75-125	-		20
Chromium, Total	9.05	18.1	24.2	84		-	-		75-125	-		20
Copper, Total	13.1	22.6	35.3	98		-	-		75-125	-		20
Lead, Total	18.0	48	58.0	83		-	-		75-125	-		20
Manganese, Total	60.4	45.2	109	107		-	-		75-125	-		20
Nickel, Total	3.46	45.2	43.8	89		-	-		75-125	-		20
Selenium, Total	0.395J	10.9	9.06	83		-	-		75-125	-		20
Silver, Total	ND	4.52	4.10	91		-	-		75-125	-		20
Zinc, Total	18.1	45.2	56.3	84		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 05-06 QC Batch ID: WG2062908-3 QC Sample: L2525805-01 Client ID: MS Sample												
Mercury, Total	0.075J	1.69	1.83	108		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.

Project Number: 0129356-017-001-01

Lab Number: L2526258

Report Date: 05/13/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-06 QC Batch ID: WG2062904-4 QC Sample: L2525805-01 Client ID: DUP Sample						
Arsenic, Total	15.5	12.4	mg/kg	**22**	Q	20
Barium, Total	16.5	13.7	mg/kg	19		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	9.05	6.83	mg/kg	**28**	Q	20
Lead, Total	18.0	13.9	mg/kg	**26**	Q	20
Selenium, Total	0.395J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 05-06 QC Batch ID: WG2062908-4 QC Sample: L2525805-01 Client ID: DUP Sample						
Mercury, Total	0.075J	0.118	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01
Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05
Client ID: SGS-WR-COMP-N
Sample Location: Not Specified

Date Collected: 04/29/25 11:15
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Soil
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/05/25 21:35	1,1030	TLH

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01
Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Soil
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/05/25 21:35	1,1030	TLH

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-01
Client ID: SGS-WR-DISC-N1
Sample Location: Not Specified

Date Collected: 04/29/25 11:10
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	05/01/25 12:06	121,2540G	ROI

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-02
Client ID: SGS-WR-DISC-N2
Sample Location: Not Specified

Date Collected: 04/29/25 11:25
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	05/01/25 12:06	121,2540G	ROI

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-03
Client ID: SGS-WR-DISC-S1
Sample Location: Not Specified

Date Collected: 04/29/25 11:55
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	05/01/25 12:06	121,2540G	ROI

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-04
Client ID: SGS-WR-DISC-S2
Sample Location: Not Specified

Date Collected: 04/29/25 12:25
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	05/01/25 12:06	121,2540G	ROI

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-05
Client ID: SGS-WR-COMP-N
Sample Location: Not Specified

Date Collected: 04/29/25 11:15
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	05/01/25 12:06	121,2540G	ROI
Cyanide, Total	0.66	J	mg/kg	1.1	0.24	1	05/05/25 19:30	05/06/25 12:32	1,9010C/9012B	JER
pH (H)	7.99		SU	-	NA	1	-	05/01/25 17:29	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.971	0.194	1	05/02/25 12:23	05/06/25 15:15	1,7196A	RDS
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/01/25 18:10	05/01/25 20:07	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/01/25 18:10	05/01/25 20:00	125,7.3	TLH

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

SAMPLE RESULTS

Lab ID: L2526258-06
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	05/01/25 12:06	121,2540G	ROI
Cyanide, Total	0.68	J	mg/kg	1.2	0.25	1	05/05/25 19:30	05/06/25 12:33	1,9010C/9012B	JER
pH (H)	8.12		SU	-	NA	1	-	05/01/25 22:28	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.989	0.198	1	05/02/25 12:23	05/06/25 15:15	1,7196A	RDS
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/01/25 18:10	05/01/25 20:07	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/01/25 18:10	05/01/25 20:00	125,7.3	TLH

Project Name: HYDRO-AIR COMPONENTS, INC.
Lab Number: L2526258
Project Number: 0129356-017-001-01
Report Date: 05/13/25

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): 05-06 Batch: WG2061294-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/01/25 18:10	05/01/25 19:59	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG2061299-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/01/25 18:10	05/01/25 20:06	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG2061546-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/02/25 12:23	05/06/25 15:15	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG2062650-1										
Cyanide, Total	ND		mg/kg	0.85	0.18	1	05/05/25 19:30	05/06/25 12:28	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG2061190-1								
pH	99		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG2061294-2								
Sulfide, Reactive	80		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG2061299-2								
Cyanide, Reactive	96		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG2061367-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG2061546-2								
Chromium, Hexavalent	93		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG2062650-2 WG2062650-3								
Cyanide, Total	108		94		80-120	16		35

Matrix Spike Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

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): 05-06 QC Batch ID: WG2061546-4 QC Sample: L2526258-06 Client ID: SGS-WR-COMP-S												
Chromium, Hexavalent	ND	1520	748	**49**	Q	-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG2062650-4 WG2062650-5 QC Sample: L2526285-09 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100		11	93		75-125	7		35
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG2062650-6 WG2062650-7 QC Sample: L2526285-10 Client ID: MS Sample												
Cyanide, Total	ND	11	11	96		10	86		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.

Project Number: 0129356-017-001-01

Lab Number: L2526258

Report Date: 05/13/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG2061079-1 QC Sample: L2526305-01 Client ID: DUP Sample						
Solids, Total	85.6	84.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG2061190-2 QC Sample: L2525760-01 Client ID: DUP Sample						
pH	8.06	8.33	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG2061294-3 QC Sample: L2526615-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG2061299-3 QC Sample: L2526615-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG2061367-2 QC Sample: L2526484-01 Client ID: DUP Sample						
pH	4.87	4.67	SU	4		5
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG2061546-6 QC Sample: L2526258-06 Client ID: SGS-WR-COMP-S						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2526258-01A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2526258-01B	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14)
L2526258-01C	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14)
L2526258-01D	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L2526258-01E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2526258-02A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2526258-02B	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14)
L2526258-02C	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14)
L2526258-02D	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L2526258-02E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2526258-03A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2526258-03B	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2526258-03C	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2526258-03D	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L2526258-03E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2526258-04A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2526258-04B	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14)
L2526258-04C	Vial water preserved	A	NA		3.5	Y	Absent	30-APR-25 17:04	NYTCL-8260HLW-R2(14)
L2526258-04D	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L2526258-04E	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2526258-05A	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2526258-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2526258-05C	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(90)
L2526258-05D	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		HEXCR-7196(30)
L2526258-05E	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),PH-9045(1),REACTCN(14)
L2526258-05F	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2526258-06A	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2526258-06B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2526258-06C	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-NY-1633(90)
L2526258-06D	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		HEXCR-7196(30)
L2526258-06E	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),PH-9045(1),REACTCN(14)
L2526258-06F	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2526258
Report Date: 05/13/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2526258
Project Number:	0129356-017-001-01	**Report Date:**	05/13/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2526258
Project Number:	0129356-017-001-01	**Report Date:**	05/13/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2526258
Project Number:	0129356-017-001-01	**Report Date:**	05/13/25

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: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2526258

Project Number: 0129356-017-001-01 **Report Date:** 05/13/25

REFERENCES

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

107 Calculation method.

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

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

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

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

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

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

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

Pace ANALYTICAL SERVICES

HALEY ALDRICH

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

L25262259

12065 Lebanon Road; Mt. Juliet TN 37122 (National)
39 Spruce Street, East Longmeadow, MA 01028
1700 Elm Street SE - Minneapolis, MN 55414
7726 Moller Road - Indianapolis, IN 46268

Section A — Required Client Information:

Company: Haley & Aldrich of New York
Address: 260 E. Main Street, Suite 2100, Rochester, New York 14604
Email To: anichols@haleyaldrich.com
Phone: 585-321-4220 Fax:
Requested Due Date/TAT: Standard

Section B — Required Project Information:

Report To: Andrew Nichols
Copy To: jwhite@haleyaldrich.com, KBartlett@haleyaldrich.com
BSA #: 2022-24-Pace
H&A Client Name: Hydro-Air Components, Inc.
H&A Project # and Name: 0129356-017-001-01

Section C — Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ _____

Site Location STATE: NY

Pace's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement #2025-27-Pace by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Pace Analytical Services, LLC.

Section D — Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: NYSDEC Part 375 VOCs (8260)	NYSDEC Part 375 SVOCs (8270)	NYSDEC Part 375 Metals	NYSDEC Part 375 Pesticides	PCBs (8082)	PFAS (EPA Method 1633)	Reactivity (Sulfide and Cyanide)	Flashpoint	Corrosivity	TCLP - see notes	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SGS-WR-DISC-N1	SL	G	4/29/25	11:10	4/29/25	11:15		5							X	V	x													
2	SGS-WR-DISC-N2	SL	G	4/29/25	11:25		11:30		5							X	V	x											x		
3	SGS-WR-DISC-S1	SL	G	4/29/25	11:55		12:00		5							X	V	x											x		
4	SGS-WR-DISC-S2	SL	G	4/29/25	12:25		12:30		5							X	V	x											x		
5	SGS-WR-COMP-N	SL	C	4/29/25	11:15		11.40		6	X									x	x	x	x	x	x	x	x	x			
6	SGS-WR-COMP-S	SL	C	4/29/25	12:00		12:15		6	X									x	x	x	x	x	x	x	x	x			
7																														
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS

Hold TCLP analyses; to be triggered by total >20x RCRA rule; please contact Haley & Aldrich before running

Samples analyzed for VOCs include 3 vials for initial direct analyses and one 4 oz septa jar for use in TCLP analyses.

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	4/29/25	12:52	Jocelyn Foley (PACE)	4/29/25	12:52
Jocelyn Foley (PACE)	4/29/25	12:52	Buffalo Service Center	4/29/25	12:52
[signature]	4-29-25	15:16			
		0236	[signature]	4/30	0230

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Kimberly Bartlett
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/29/25

Confidential

4/29/2025

ANALYTICAL REPORT

Lab Number:	L2530182
Client:	Haley & Aldrich 260 E Main St Suite 2100 Rochester, NY 14604
ATTN:	Andrew Nichols
Phone:	(585) 321-4220
Project Name:	HYDRO-AIR COMPONENTS, INC.
Project Number:	0129356-017-001-01
Report Date:	05/22/25

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2530182
Report Date: 05/22/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2530182-01	SGS-WR-COMP-S	SOIL	Not Specified	04/29/25 12:00	04/29/25

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2530182
Project Number:	0129356-017-001-01	**Report Date:**	05/22/25

Case Narrative

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

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

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

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

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

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

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2530182
Project Number:	0129356-017-001-01	**Report Date:**	05/22/25

Case Narrative (continued)

Report Submission

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

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 05/22/25

METALS

Project Name: HYDRO-AIR COMPONENTS, INC.
Lab Number: L2530182
Project Number: 0129356-017-001-01
Report Date: 05/22/25

SAMPLE RESULTS

Lab ID: L2530182-01
Client ID: SGS-WR-COMP-S
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 04/29/25 12:00
Date Received: 04/29/25
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 05/18/25 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/20/25 19:00	05/22/25 00:09	EPA 3015	1,6010D	MFR

Project Name: HYDRO-AIR COMPONENTS, INC.
Lab Number: L2530182
Project Number: 0129356-017-001-01
Report Date: 05/22/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2069018-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/20/25 19:00	05/21/25 22:27	1,6010D	MFR

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/18/25 04:30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2530182
Report Date: 05/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 01		Batch: WG2069018-2					
Lead, TCLP	103		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2530182
Report Date: 05/22/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2069018-3 QC Sample: L2530161-01 Client ID: MS Sample												
Lead, TCLP	0.0664J	5.3	5.56	105		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: HYDRO-AIR COMPONENTS, INC.

Project Number: 0129356-017-001-01

Lab Number: L2530182

Report Date: 05/22/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2069018-4 QC Sample: L2530161-01 Client ID: DUP Sample						
Lead, TCLP	0.0664J	0.0654J	mg/l	NC		20

Project Name: HYDRO-AIR COMPONENTS, INC.
Project Number: 0129356-017-001-01

Lab Number: L2530182
Report Date: 05/22/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2530182-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		-
L2530182-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.5	Y	Absent		PB-CI(180)
L2530182-01X9	Tumble Vessel	A	NA		3.5	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2530182
Project Number:	0129356-017-001-01	**Report Date:**	05/22/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2530182
Project Number:	0129356-017-001-01	**Report Date:**	05/22/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HYDRO-AIR COMPONENTS, INC.	**Lab Number:**	L2530182
Project Number:	0129356-017-001-01	**Report Date:**	05/22/25

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: HYDRO-AIR COMPONENTS, INC. **Lab Number:** L2530182

Project Number: 0129356-017-001-01 **Report Date:** 05/22/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

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

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

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

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

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

L25301B5 Serial_No:05222515:39 5/1/25

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

[redacted]

12065 Lebanon Road, Mt. Juliet TN 37122 (National)
39 Spruce Street, East Longmeadow, MA 01028
1700 Elm Street SE - Minneapolis, MN 55414
7726 Moller Road - Indianapolis, IN 46268

Section A — Required Client Information

Company: Haley & Aldrich of New York
Address: 260 E. Main Street, Suite 2100
Rochester, New York 14604
Email To: anichols@haleyaldrich.com
Phone: 585-321-4220 Fax:
Requested Due Date/TAT: Standard

Section B — Required Project Information

Report To: Andrew Nichols
Copy To: gwhite@haleyaldrich.com
KBartlett@haleyaldrich.com
H&A #: 2022-24-Pace
H&A Client Name: Hydro-Air Components, Inc.
H&A Project # and Name: 0129356-017-001-01

Section C — Invoice Information

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐

Site Location STATE: NY

Pace's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement 62025-27 Pace by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Pace Analytical Services, LLC.

Section D — Required Client Information

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: TCLP Pb	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	[redacted]																			
2	SGS-WR-DISC-N1	SL	G	4/29/25	11:10	4/29/25	11:15		5							X	X			
3	SGS-WR-DISC-N2	SL	G	4/29/25	11:25		11:30		5							X	X			
4	SGS-WR-DISC-S1	SL	G	4/29/25	11:55		12:00		5							X	X			
5	SGS-WR-DISC-S2	SL	G	4/29/25	12:25		12:30		5							X	X			
6	SGS-WR-COMP-N	SL	C	4/29/25	11:15		11:40		6	X										
7	SGS-WR-COMP-S	SL	C	4/29/25	12:00		12:15		6	X								X		
8																				
9																				
10																				
11																				
12																				

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Hold TCLP analyses: to be triggered by total >20x RCRA rule please contact Haley & Aldrich before running		4/29/25	12:52	Jacobym Tracy (PACE)	4/29/25	12:52	
Samples analyzed for VOCs include 3 vials for initial direct analysis and one 4 oz septa jar for use in TCLP analysis.	Jacobym Tracy (PACE)	4/29/25	12:52	Buffalo Service Center	4/29/25	12:52	
		4-29-25	1511				
			0236		4/30	0230	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Kimberly Bartlett

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/29/25

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

4/29/2025

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

Location Sample Date	NYSDEC Part 375 Industrial SCOs	SGS-WR-COMP-N 04/29/2025	SGS-WR-COMP-S 04/29/2025	SGS-WR-DISC-N1 04/29/2025	SGS-WR-DISC-N2 04/29/2025	SGS-WR-DISC-S1 04/29/2025	SGS-WR-DISC-S2 04/29/2025
Inorganic Compounds (mg/kg)							
Arsenic	16	**5.55**	**13.9**	-	-	-	-
Barium	10000	**86.2**	**107**	-	-	-	-
Beryllium	750	**1.49**	**1.71**	-	-	-	-
Cadmium	4.4	ND (1.86)	**0.147 J**	-	-	-	-
Chromium	-	**19.4**	**19.9**	-	-	-	-
Chromium VI (Hexavalent)	11	ND (0.971)	ND (0.989)	-	-	-	-
Chromium III (Trivalent)	2000	**19.4**	**19.9**	-	-	-	-
Copper	10000	**21.2**	**32.5**	-	-	-	-
Lead	3900	**28.5**	**105**	-	-	-	-
Manganese	10000	**2240**	**1830**	-	-	-	-
Mercury	1.1	**0.151**	**0.121**	-	-	-	-
Nickel	5900	**9.34**	**12.5**	-	-	-	-
Selenium	2000	ND (3.72)	**0.923 J**	-	-	-	-
Silver	2000	ND (0.93)	ND (0.491)	-	-	-	-
Zinc	10000	**69.7**	**154**	-	-	-	-
Polychlorinated Biphenyls (mg/kg)							
Aroclor-1016 (PCB-1016)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1221 (PCB-1221)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1232 (PCB-1232)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1242 (PCB-1242)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1248 (PCB-1248)	-	**0.0132 J**	ND (0.0604)	-	-	-	-
Aroclor-1254 (PCB-1254)	-	**0.0276 J**	**0.0179 J**	-	-	-	-
Aroclor-1260 (PCB-1260)	-	**0.0326 J**	**0.019 J**	-	-	-	-
Aroclor-1262 (PCB-1262)	-	ND (0.0606)	ND (0.0604)	-	-	-	-
Aroclor-1268 (PCB-1268)	-	**0.0116 J**	**0.00768 J**	-	-	-	-
Polychlorinated biphenyls (PCBs)	25	**0.085 J**	**0.0446 J**	-	-	-	-
Pesticides (mg/kg)							
4,4'-DDD	33	ND (0.00186)	ND (0.00187)	-	-	-	-
4,4'-DDE	22	**0.0011 J**	**0.00149 JP**	-	-	-	-
4,4'-DDT	27	ND (0.00186)	ND (0.00187)	-	-	-	-
Aldrin	0.33	ND (0.00186)	ND (0.00187)	-	-	-	-
alpha-BHC	1.2	ND (0.000774)	ND (0.000779)	-	-	-	-
alpha-Chlordane (cis)	11	ND (0.00232)	ND (0.00234)	-	-	-	-
beta-BHC	2.9	ND (0.00186)	ND (0.00187)	-	-	-	-
Chlordane	-	ND (0.0155)	ND (0.0156)	-	-	-	-
delta-BHC	1000	ND (0.00186)	ND (0.00187)	-	-	-	-
Dieldrin	0.48	ND (0.00116)	ND (0.00117)	-	-	-	-
Endosulfan I	580	ND (0.00186)	ND (0.00187)	-	-	-	-
Endosulfan II	580	ND (0.00186)	ND (0.00187)	-	-	-	-
Endosulfan sulfate	580	ND (0.000774)	ND (0.000779)	-	-	-	-
Endrin	87	ND (0.000774)	ND (0.000779)	-	-	-	-
gamma-BHC (Lindane)	3.4	ND (0.000774)	ND (0.000779)	-	-	-	-
Heptachlor	5.1	ND (0.000929)	ND (0.000935)	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)							
1,4-Dioxane	36	ND (0.03)	ND (0.03)	-	-	-	-
2-Methylphenol (o-Cresol)	1000	ND (0.2)	ND (0.2)	-	-	-	-
3&4-Methylphenol	-	**0.047 J**	**0.043 J**	-	-	-	-
Acenaphthene	1000	**0.043 J**	**0.069 J**	-	-	-	-
Acenaphthylene	1000	**0.27**	**0.38**	-	-	-	-
Aniline	36	ND (0.24)	ND (0.24)	-	-	-	-
Anthracene	1000	**0.31**	**0.45**	-	-	-	-
Benzo(a)anthracene	37	**0.61**	**1**	-	-	-	-
Benzo(a)pyrene	3.7	**0.6**	**0.95**	-	-	-	-

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

Location Sample Date	NYSDEC Part 375 Industrial SCOs	SGS-WR-COMP-N 04/29/2025	SGS-WR-COMP-S 04/29/2025	SGS-WR-DISC-N1 04/29/2025	SGS-WR-DISC-N2 04/29/2025	SGS-WR-DISC-S1 04/29/2025	SGS-WR-DISC-S2 04/29/2025
Benzo(b)fluoranthene	37	**1**	**1.4**	-	-	-	-
Benzo(g,h,i)perylene	78	**0.42**	**0.59**	-	-	-	-
Benzo(k)fluoranthene	78	**0.3**	**0.42**	-	-	-	-
Chrysene	78	**0.66**	**0.99**	-	-	-	-
Dibenz(a,h)anthracene	3.7	**0.11 J**	**0.16**	-	-	-	-
Dibenzofuran	290	**0.26**	**0.38**	-	-	-	-
Fluoranthene	1000	**0.91**	**1.8**	-	-	-	-
Fluorene	1000	**0.1 J**	**0.42**	-	-	-	-
Hexachlorobenzene	2.9	ND (0.12)	ND (0.12)	-	-	-	-
Indeno(1,2,3-cd)pyrene	37	**0.47**	**0.68**	-	-	-	-
Naphthalene	1000	**0.65**	**1.3**	-	-	-	-
Nitrobenzene	8.9	ND (0.18)	ND (0.18)	-	-	-	-
Pentachlorophenol	7	ND (0.16)	ND (0.16)	-	-	-	-
Phenanthrene	78	**0.7**	**1.2**	-	-	-	-
Phenol	1000	ND (0.2)	ND (0.2)	-	-	-	-
Pyrene	1000	**0.79**	**1.4**	-	-	-	-
Volatile Organic Compounds (mg/kg)							
1,1,1-Trichloroethane	1000	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
1,1-Dichloroethane	240	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
1,1-Dichloroethene	5.1	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
1,2,4-Trimethylbenzene	1000	-	-	ND (0.0028)	ND (0.0032)	**0.66**	ND (0.0024)
1,2-Dichlorobenzene	1000	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
1,2-Dichloroethane	30	-	-	ND (0.0014)	ND (0.0016)	**0.034 J**	ND (0.0012)
1,3,5-Trimethylbenzene	1000	-	-	ND (0.0028)	ND (0.0032)	**0.79**	ND (0.0024)
1,3-Dichlorobenzene	280	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
1,4-Dichlorobenzene	130	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
2-Butanone (Methyl Ethyl Ketone)	1000	-	-	ND (0.014)	ND (0.016)	ND (0.016)	ND (0.012)
2-Phenylbutane (sec-Butylbenzene)	1000	-	-	ND (0.0014)	ND (0.0016)	**0.12**	ND (0.0012)
Acetone	1000	-	-	ND (0.014)	ND (0.016)	ND (0.016)	ND (0.012)
Benzene	20	-	-	ND (0.00071)	ND (0.00079)	**1.3**	ND (0.00061)
Carbon tetrachloride	41	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
Chlorobenzene	1000	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
Chloroform (Trichloromethane)	180	-	-	ND (0.0021)	ND (0.0024)	ND (0.0024)	ND (0.0018)
cis-1,2-Dichloroethene	590	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
Ethylbenzene	390	-	-	ND (0.0014)	ND (0.0016)	**0.16**	ND (0.0012)
m,p-Xylenes	-	-	-	ND (0.0028)	ND (0.0032)	**2.2**	ND (0.0024)
Methyl Tert Butyl Ether (MTBE)	890	-	-	ND (0.0028)	ND (0.0032)	ND (0.0032)	ND (0.0024)
Methylene chloride (Dichloromethane)	1000	-	-	ND (0.0071)	ND (0.0079)	ND (0.008)	ND (0.0061)
n-Butylbenzene	1000	-	-	ND (0.0014)	ND (0.0016)	**0.028 J**	ND (0.0012)
n-Propylbenzene	1000	-	-	ND (0.0014)	ND (0.0016)	**0.057 J**	ND (0.0012)
o-Xylene	-	-	-	ND (0.0014)	ND (0.0016)	**1.2**	ND (0.0012)
tert-Butylbenzene	1000	-	-	ND (0.0028)	ND (0.0032)	**0.016 J**	ND (0.0024)
Tetrachloroethene	81	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
Toluene	1000	-	-	ND (0.0014)	ND (0.0016)	**1.4**	ND (0.0012)
trans-1,2-Dichloroethene	1000	-	-	ND (0.0021)	ND (0.0024)	ND (0.0024)	ND (0.0018)
Trichloroethene	54	-	-	ND (0.00071)	ND (0.00079)	ND (0.0008)	ND (0.00061)
Vinyl chloride	7.1	-	-	ND (0.0014)	ND (0.0016)	ND (0.0016)	ND (0.0012)
PFAS (mg/kg)							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUd	-	ND (0.0008)	ND (0.000797)	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	-	ND (0.005)	ND (0.00498)	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	-	ND (0.005)	ND (0.00498)	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	-	ND (0.001)	ND (0.000997)	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-

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

Location Sample Date	NYSDEC Part 375 Industrial SCOs	SGS-WR-COMP-N 04/29/2025	SGS-WR-COMP-S 04/29/2025	SGS-WR-DISC-N1 04/29/2025	SGS-WR-DISC-N2 04/29/2025	SGS-WR-DISC-S1 04/29/2025	SGS-WR-DISC-S2 04/29/2025
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	-	ND (0.002)	ND (0.00199)	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	-	ND (0.002)	ND (0.00199)	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	-	ND (0.0008)	ND (0.000797)	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	ND (0.0004)	ND (0.000399)	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	-	**0.000051 JF**	**0.000061 JF**	-	-	-	-
Perfluorobutanoic acid (PFBA)	-	**0.000161 J**	**0.000261 J**	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorodecanoic acid (PFDA)	-	**0.000119 J**	**0.000162 J**	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	-	**0.000048 J**	**0.000059 J**	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	-	**0.000075 J**	**0.000098 J**	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	-	**0.000027 J**	**0.000022 J**	-	-	-	-
Perfluorohexanoic acid (PFHxA)	-	**0.000059 J**	**0.000073 J**	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorononanoic acid (PFNA)	-	**0.000115 J**	**0.000171 J**	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	**0.000437**	**0.000664**	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.6	**0.000238**	**0.00033**	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	-	ND (0.0002)	ND (0.000199)	-	-	-	-
Perfluoropentanoic acid (PFPeA)	-	**0.000051 J**	**0.000062 J**	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	-	ND (0.0002)	**0.00003 J**	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	-	**0.000028 J**	**0.000038 J**	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	-	**0.000092 J**	**0.000097 J**	-	-	-	-
Other							
Total Solids (%)	-	**82.4**	**80.9**	**80.1**	**81.6**	**84.3**	**81.4**
Cyanide (mg/kg)	240	**0.66 J**	**0.68 J**	-	-	-	-
Reactive Cyanide (mg/kg)	-	ND (10)	ND (10)	-	-	-	-
Reactive Sulfide (mg/kg)	-	ND (10)	ND (10)	-	-	-	-
Ignitability (Flashpoint)	-	Not Ignitable	Not Ignitable	-	-	-	-
pH (lab) (pH units)	-	**7.99**	**8.12**	-	-	-	-
TCLP Inorganic Compounds (mg/L)							
Lead	-	-	ND (0.5)	-	-	-	-

Notes:
1. Results in ***bold*** *were detected.*
2. Results in red exceed one or more of the following criteria:
[A] - NYSDEC Part 375 Industrial SCOs (Dec 2025)
3. Laboratory Qualifiers definitions:
ND - Not detected above the reporting limit
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.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be anestimated maximum concentration.
P - The RPD between the results for the two columns exceeds the method-specified criteria.