REMEDIAL INVESTIGATION REPORT

The Green

137 Smith Street, and 140 and 146 Montgomery Street
City of Newburgh, Orange County, New York

NYSDEC BCP Site Number: C336099

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GALLAGHER BASSETT | TECHNICAL SERVICES

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CERTIFICATION

I, Erick Salazar, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Erick Salazar, CHMM	Month ##, 2025	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

This Remedial Investigation Report (RIR) summarizes environmental investigation services performed by Gallagher Bassett Technical Services (GBTS), at the property described below, in the City of Newburgh, Orange County, New York (the "Site"). The Remedial Investigation (RI) was conducted in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Brownfield Cleanup Agreement (October 28, 2024) identifies the Site as "The Green" (Site C336099). The investigation was performed to document existing environmental conditions, including impacts resulting from historical Site uses. All investigative work was conducted following a NYSDEC-approved Remedial Investigation Work Plan (RIWP, November 2024). Any variations from the approved RIWP are described in Section 3.1.7.

This RIR summarizes findings from previous Site assessments, details fieldwork methodologies and sample collection procedures employed during the RI, documents laboratory analysis of samples collected in all media (soil, vapor, and groundwater), and provides conclusions and recommendations based on this work and the resulting analytical data. RI services were performed in accordance with the RIWP and in general conformance with the NYSDEC Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10, May 2010).

Site Location and Current Usage

The Site consists of the 1.16-acre property at 137 Smith Street, and 140 and 146 Montgomery Street, City of Newburgh, Orange County, New York (City of Newburgh tax lot parcels: Section 12, Block 4, Lots 4.1, 10, and 2.1, respectively). The property is in a well-developed urban area comprised primarily of residential, commercial, and institutional uses.

The Site is a somewhat rectangular, vacant parcel, which has approximately 357 feet of frontage on the eastern side of Montgomery Street, 147 feet on the northern side of South Street, and 378 feet on the western side of Smith Street. The property is vacant wooded land, with a grass clearing at the southern portion. The Site is adjoined by a multi-family residential building to the north, by Smith Street and then an apartment complex to the west, by South Street and then multi-family residential buildings to the south, and by Montgomery Street and a public school (Horizons on the Hudson) to the west.

Figure 1 shows the Site location, Figure 2 shows surrounding area uses, and Figure 3 shows Site features and indicates adjoining properties. All RIR figures show the BCP Site boundaries.

Summary of Proposed Redevelopment Plan

Development plans include construction of two, new mixed-use/mixed-income buildings with associated infrastructure and landscaping. Building 1 is a 3½-story rowhouse (45 residential units) and Building 2 is a 5-story midrise building (73 residential units) with two partial parking garage levels. Both structures will have retail uses along South Street. The proposed use is consistent with existing zoning. The project will result in the excavation and removal of contaminated soils, as well as potential subsurface debris, as regulated waste, and the proper closure (removal) of any on-Site storage tanks. Based on known environmental conditions, the project is expected to be managed as a Track 2 Restricted-Residential Use property.

Summary of Past Uses of Site, Areas of Concern and Previous Environmental Investigations

Site history and environmental conditions prior to implementation of the RI are documented in a *Phase I Environmental Site Assessment* and *Summary Report of Subsurface Investigation* (GBTS, January 2023).

Historical records indicate that the Site formerly contained multiple structures (likely used for residential purposes) from at least the late 1800s through sometime between 1971 and 1992.

Soil sampling at nine (9) mechanized borings (maximum depth 12 feet below ground surface [bgs]) and an additional five (5) surface locations documented: Site-wide fill material with debris; metal contamination above NYSDEC Soil Cleanup Objectives (SCOs) for Restricted-Residential Use (RRU), including arsenic (51.9 parts per million [ppm]), barium (544 ppm), cadmium 94.66 ppm), lead (3,050 ppm), and mercury (2.87 ppm); and pesticides above Unrestricted Use (UU) SCOs. No significant field evidence of contamination was observed.

These findings were considered to be consistent with impacts from poor-quality fill, demolition debris, and/or from debris materials historically dumped on the Site.

Areas of Concern Identified in the RIWP

Based on documented Site history and the results of previous environmental investigations, the following areas of concern (AOC), requiring additional investigation, were identified in the RIWP:

AOC 1, Documented Soil Contamination: Soil with debris (poor-quality urban fill) is present throughout the Site. Existing laboratory data document the presence of metals at concentrations above RRU SCOs. Previous sampling results were limited to laboratory analysis of metals and pesticides, only, and do not provide delineation data for known metal impacts.

AOC 2, Potential Impacts to Groundwater and Soil Vapor Quality: Previous environmental investigation at the Site was limited to soil sampling; groundwater and soil vapor quality at the Site is unknown.

Summary of Remedial Investigation Environmental Findings

The RI fieldwork was conducted in October and December 2025 and included: extension of twenty (20) soil borings; installation of six (6) permanent groundwater monitoring wells; installation of eight (8) soil vapor implants; and collection and laboratory analysis of soil, groundwater and soil vapor samples. In general, three soil samples were collected from each boring. Soil and water samples were analyzed for full 6 NYCRR Part 375-6.8 parameters (inclusive of Target Compound List (TCL) and Target Analyte List (TAL) analytes) and per- and polyfluoroalkyl substances (PFAS), and soil vapor was analyzed for volatile organic compounds (VOCs).

RI Fieldwork Observations

Fill materials (with fragmentary debris) were observed at all borings across the Site to depths from 2.5 to 15 feet bgs, the maximum boring depth. Underlying materials were comprised of native glacial till over weathered bedrock (encountered in eleven locations at depths from 9 to 15 feet bgs, overlain exclusively by fill at seven locations). Saturated soil was encountered in several borings at approximately 7 to 13 feet bgs. Refusal was encountered at six locations at depths from 8 to 13 feet bgs.

Groundwater depth in monitoring wells (below the top of the stick-up PVC casing, approximately 3 feet above grade) recorded in November during sampling and in December during a Site survey, ranged from approximately 8.7 to 8.9 feet at MW-03 to approximately 21.3 to 22 feet at MW-05. Groundwater flow at the Site appears to be overall southeasterly, consistent with surface topography, toward the Hudson River. The rate of groundwater flow was not determined.

RI Laboratory Results - Soil

VOCs in soil were limited to a marginally elevated level of acetone (0.079 ppm; UUSCO 0.05 ppm) and trace 2-butanone (non-chlorinated solvent) in one surface soil sample, and trace acetone and carbon

disulfide in one sample from 10 to 15 feet bgs (acetone is a potential laboratory cross-contaminant). No other VOCs were reported in Site soil. Semi-volatile organic compounds (SVOCs) were detected above RRU SCOs in seven (7) samples, with six collected from the surface and one at 0 to 5 feet bgs. All exceedances (maximum values noted) were restricted to the polycyclic aromatic hydrocarbons (PAHs) dibenzo(a,h)anthracene (0.44 ppm; RRU SCO 0.33 ppm) and indeno(1,2,3-cd)pyrene (2.1 ppm; RRU 0.5 ppm); additional SVOCs exceeded UU SCOs at these locations. VOC and/or SVOC tentatively identified compounds (TICs) were reported at all boring locations with totals ranging from less than 1 to approximately 27 ppm.

TAL metals were detected above RRU SCOs in twenty-four (24) samples, primarily in surface soil but extending as deep as 6 feet, including: arsenic (16.7 ppm, RRU SCO 16 ppm); barium (717 ppm; RRU SCO 400 ppm); copper (405 ppm, RRU SCO 50 ppm), lead (5,670 ppm; RRU SCO 400 ppm), and mercury (3.47 ppm; RRU SCO 0.81 ppm). Nickel was reported above UU SCOs in soils below 8 feet and zinc was reported above UU SCOs in both surface and deep soil. Mercury, lead, nickel, and/or zinc were found above UU SCOs at multiple depths in multiple locations not otherwise impacted by metals above RRU SCOs.

Fifteen (15) samples (primarily surface soil) contained pesticides above UU SCOs including DDT and breakdown products (0.056 ppm; UU SCO all analytes 0.003 ppm), and dieldrin (0.013 ppm; UU SCO 0.005 ppm). No other pesticides, and no PCBs or herbicides, were detected in soil samples.

Low-level exceedances of the NYSDEC PFAS UU guidance values (GVs) for perfluorooctanesulfonic acid (PFOS) and/or perfluorooctanoic acid (PFOA), well below the RRU GVs, were reported in twenty-one (21) samples, with 18 collected from the surface and three from upper soils. PFOS ranged from 0.893 to 4.2 ppm (UU GV 0.88 ppm, RRU GV 44 ppm) and PFOA ranged from 0.677 to 1.12 ppm (UU GV 0.66 ppm, RRU GV 33 ppm). Fourty-four (44) samples contained low levels of other PFAS (all individual detections reported at less than 1 parts per billion [ppb]).

RI Laboratory Results – Groundwater

One VOC, a trace level of MTBE (gasoline additive) in MW-05 (0.41 ppb, Ambient Water Quality Standard [AWQS] 10 ppb), and no SVOCs, were reported in groundwater. VOC TICs (limited to a single unknown hydrocarbon) were reported in four wells from approximately 4.2 to 45 ppb and SVOC TICs (limited to three compounds) were in two wells, from approximately 6 to 25 ppb. The highest TIC concentrations for both analyte classes were reported at MW-06.

Multiple total and dissolved TAL metals were reported in all groundwater samples, with elevated levels (maximum values noted) of iron (2,290 ppb; AWQS 300 ppb), magnesium (65,300 ppb; AWQS 35,000 ppb), manganese (2,970 ppb; AWQS 300 ppb), and/or sodium (523,000 ppb; AWQS 20,000 ppb). Exceedances are primarily due to dissolved levels, with exception of dissolved iron (reported as non-detect). Heavy metals reported above RRU SCOs in soil (arsenic, barium, copper, lead, and mercury) are either non-detect or present at only low levels in groundwater. No pesticides, herbicides, or PCBs were detected.

Elevated levels of PFOS (4.88 ppt; NYSDEC water quality guidance value [WQGV] 2.7 ppt) were reported at MW-06, and elevated PFOA (13.6 to 106 ppt; WQGV 6.7 ppt) were reported at MW-01 (highest concentration) to MW-04, and MW-06. Multiple other PFAS were found in all wells except MW-05, with a maximum value of 100 ppt (MW-01).

RI Laboratory Results - Soil Vapor

Tetrachloroethylene (PCE) was detected in all samples ranging from 210 to 474 µg/m^3; no PCE breakdown products or other chlorinated VOCs (CVOCs), however, were detected. Additional contamination was reported site-wide, comprised of low-grade impacts from petroleum VOCs (maximum concentration m,p-xylene 77.2 µg/m^3) and non-chlorinated VOCs (including 2-butanone from 80.2 to 200 µg/m^3).

Nature and Extent of Contamination

The Site is covered to variable depths by a layer of urban fill materials, which may include material sourced from off-Site, impacted locations. Site soils contain SVOCs, metals, pesticides, and PFAS (PFOS and PFOA) above UU SCOs or UU GVs, and multiple locations have PAHs and/or metals exceeding RRU SCOs in upper fill soils (typically at the surface).

Groundwater at multiple wells has elevated PFAS, which may be related to low-level exceedances of PFAS in surface and upper soils, and/or be from an off-Site source. Low-grade metal impacts (typical of well-developed urban settings) are present in groundwater throughout the Site; given that metal analytes found in soil above RRU SCOs (with exception of marginally elevated manganese in one sample) are not present in groundwater, these findings are likely indicative of off-Site groundwater conditions in the surrounding urban area rather than a significant release/source area at the Site. There are no documented contaminant plumes identified at the Site (groundwater flow is southeasterly).

Significant vapor impacts are limited to a relatively uniform distribution of PCE throughout the Site (all concentrations reported below 500 µg/m^3). The absence of any field evidence of contamination or PCE (or any other CVOCs) in Site soil and groundwater supports the conclusion that the source of PCE in vapor is related to local area (off-Site) contamination conditions rather than a significant on-Site source. All other VOC impacts in vapor are minimal, are considered to be typical of conditions seen in urban and commercial settings, and do not appear to be related to an on-Site source area.

Overall, the RI findings are consistent with conditions seen at urban locations where buildings have been demolished and poor-quality fill is present, resulting in impacts from PAHs, metals, pesticides, and PFAS, and where poor-quality vapor is present absent an obvious source.

The nature and extent of Site contamination has been established during the RI. Areas of concern are limited to elevated PAHs and metals in soil and PCE concentrations in vapor that represent a potential risk of soil vapor intrusion into any new on-Site buildings. Existing data indicate that significant amounts of hazardous waste have not been disposed at the Site.

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REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

1.1 Purpose

This Remedial Investigation Report (RIR) summarizes environmental investigation services performed by Gallagher Bassett Technical Services (GBTS), at the property described below, in the City of Newburgh, Orange County, New York (the "Site"). The Remedial Investigation (RI) was conducted in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Brownfield Cleanup Agreement (October 28, 2024) identifies the Site as "The Green" (Site C336099). The investigation was performed to document existing environmental conditions, including impacts resulting from historical Site uses. All investigative work was conducted following a NYSDEC-approved Remedial Investigation Work Plan (RIWP, November 2024). Any variations from the approved RIWP are described in Section 3.1.7.

This RIR summarizes findings from previous Site assessments, details fieldwork methodologies and sample collection procedures employed during the RI, documents laboratory analysis of samples collected in all media (soil, vapor and groundwater), and provides conclusions and recommendations based on this work and the resulting analytical data. RI services were performed in accordance with the RIWP and in general conformance with the NYSDEC Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10, May 2010).

1.2 Objectives

GBTS conducted a RI at the Site to: 1) characterize soil, groundwater, and soil vapor quality; 2) evaluate the impacts from historical Site uses and document the nature and extent of contamination in soil, groundwater and soil vapor; and 3) develop a qualitative exposure assessment based on Site conditions and identify an appropriate remedial action. In accordance with the RIWP, soil and groundwater were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) plus tentatively identified compounds (TICs), Target Analyte List (TAL) metals plus hexavalent chromium (Cr^{+6}), cyanide (CN), polychlorinated biphenyls (PCBs), pesticides, herbicides, and per-and polyfluoroalkyl substances (PFAS). Soil vapor samples were analyzed for USEPA TO-15 list VOCs.

2.0 SITE DESCRIPTION

2.1 Site Location and Description

The Site consists of the 1.16-acre property at 137 Smith Street, and 140 and 146 Montgomery Street, City of Newburgh, Orange County, New York (City of Newburgh tax lot parcels: Section 12, Block 4, Lots 4.1, 10, and 2.1, respectively). The property is in a well-developed urban area comprised primarily of residential, commercial, and institutional uses. The Site is a somewhat rectangular, vacant parcel, which has approximately 357 feet of frontage on the eastern side of Montgomery Street, 147 feet on the northern side of South Street, and 378 feet on the western side of Smith Street. The property is vacant wooded land, with a grass clearing at the southern portion. The Site is adjoined by a multi-family residential building to the north, by Smith Street and then an apartment complex to the west, by South Street and then multi-family residential buildings to the south, and by Montgomery Street and a public school (Horizons on the Hudson) to the west.

Figure 1 shows the Site location, Figure 2 shows surrounding area uses, and Figure 3 shows Site features and indicates adjoining properties. All RIR figures show the BCP Site boundaries.

2.2 Physical Setting

2.2.1 Site Topography

The Site and nearby properties are located on land with overall moderate to steep downward slopes to the east and southeast, towards the Hudson River. The USGS topographic map providing coverage for the property indicates approximate on-Site surface elevations ranging from 140 to 80 feet above mean sea level (the property slopes downward from northwest to southeast).

2.2.2 Site Geology and Hydrogeology

Soils observed in twenty borings (maximum depth 15 feet below ground surface [bgs]), consisted of fill with fragmentary debris to approximately 3 to 15 feet bgs, either overlying native glacial till or weathered bedrock. Likely hard bedrock was encountered during well installation from 16 to 22 feet bgs. Wet soil was noted in several borings at approximately 7 to 13 feet bgs, and groundwater in monitoring wells (below the top of the PVC casing) recorded during sampling and a subsequent Site survey, ranged from approximately 8.7 to 8.9 feet to approximately 21.3 to 22 feet at MW-05. Groundwater flow at the Site

appears to be overall southeasterly, consistent with surface topography, toward the Hudson River. The rate of groundwater flow was not determined. RI fieldwork documentation is provided in Appendix A.

2.3 Surface Waters, Wetlands, and Other Natural Resources

With the exception of the Hudson River (located approximately 500 feet to the east), there are no surface waters, federal or state designated wetland areas, or other similar natural resource features, including fish and wildlife, on or within a half-mile radius of the Site. Based on the nature of identified Site contamination conditions and the urban setting of the Site, which is not proximate to a surface water body, wetland or other ecologically significant area, a fish and wildlife resource impact analysis (FWRIA) is not required at the Site (see Section 3.7)

2.3 Site History and Previous Environmental Investigations

Site history and environmental conditions prior to implementation of the RI are documented in a *Phase I Environmental Site Assessment* and *Summary Report of Subsurface Investigation* (GBTS, January 2023).

Historical records indicate that the Site formerly contained multiple structures (likely used for residential purposes) from at least the late 1800s through sometime between 1971 and 1992. Soil sampling at nine (9) mechanized borings (maximum depth 12 feet bgs) and an additional five (5) surface locations documented: Site-wide fill material with debris; metal contamination above NYSDEC Soil Cleanup Objectives (SCOs) for Restricted-Residential Use (RRU), including arsenic (51.9 parts per million [ppm]), barium (544 ppm), cadmium 94.66 ppm), lead (3,050 ppm), and mercury (2.87 ppm); and pesticides above Unrestricted Use (UU) SCOs. No significant field evidence of contamination was observed. These findings were considered to be consistent with impacts from poor-quality fill, demolition debris, and/or from debris materials historically dumped on the Site.

2.4 Areas of Concern Identified in the RIWP

The following areas of concern (AOC), requiring additional investigation, were identified in the RIWP:

AOC 1, Documented Soil Contamination: Soil with debris (poor-quality urban fill) is present throughout the Site. Existing laboratory data document the presence of metals at concentrations above RRU SCOs. Previous sampling results were limited to laboratory analysis of metals and pesticides, only, and do not provide delineation data for known metal impacts.

AOC 2, Potential Impacts to Groundwater and Soil Vapor Quality: Previous environmental investigation at the Site was limited to soil sampling; groundwater and soil vapor quality at the Site is unknown.

2.5 Proposed Future Use of the Site

Development plans include construction of two, new mixed-use/mixed-income buildings with associated infrastructure and landscaping. Building 1 is a 3½-story rowhouse (45 residential units) and Building 2 is a 5-story midrise building (73 residential units) with two partial parking garage levels. Both structures will have retail uses along South Street. The proposed use is consistent with existing zoning. The project will result in the excavation and removal of contaminated soils, as well as potential subsurface debris, as regulated waste, and the proper closure (removal) of any on-Site storage tanks. Based on known environmental conditions, the project is expected to be managed as a Track 2 Restricted-Residential Use property.

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3.0 SITE INVESTIGATION

GBTS completed at total of twenty (20) mechanized soil borings during performance of the RI, with six (6) of these borings utilized for the installation of permanent groundwater monitoring wells and eight (8) borings extended solely for the collection of soil vapor. All media sampling locations are shown on Figure 4, Sampling Location Map. Due to limited access along the eastern margins of the Site resulting from structurally insecure retaining walls and foundation remains (northeastern and central-eastern portions) and dense tree cover obscuring potential foundation components (southeastern portion), proposed RIWP sample locations along the eastern margins were shifted centrally. Shifting sample locations was discussed with the NYSDEC project manager during execution of fieldwork and NYSDEC walked the eastern margins of the property; no comments or objections were provided. All fieldwork activities, laboratory sample submission, and a qualitative human health exposure analysis are presented below. Analytical results from a total of fifty-six (56) soil, six (6) water, and eight (8) soil vapor samples, as well as applicable duplicate samples, are provided in Tables 1 to 13, and laboratory reports are provided in Appendix C. Except as noted, analyte concentrations presented below in Sections 3.2 to 3.4 are the maximum levels reported by the laboratory.

3.1 General Provisions

3.1.1 Utility Markout and Identification of Subsurface Structures

Prior to the initiation of fieldwork, a request for a complete utility markout of the subject property was submitted in accordance with New York State Department of Labor regulations. Confirmation of all underground utility locations was secured and a field check of the utility markout was conducted prior to advancing soil borings and/or installing monitoring wells.

A geophysical survey (ground penetrating radar and electromagnetic survey) of the Site was performed by Nova Geophysical Services (Nova) on October 1, 2025 in order to locate and identify utilities, underground storage tanks (USTs), and other subsurface structures. An approximately 14 by 28 feet anomaly area was identified at the southern portion of the Site adjacent to South Street (Grid C12), with a sub-area potentially indicating a UST. Additional detections included several “linear” anomalies at the central and northern portions potentially associated with former utilities. Nova issued a *Geophysical Engineering Survey Report*, documenting all findings, which is provided in Appendix A.

3.1.2 Equipment Decontamination and Calibration

Field equipment used during the RI was properly decontaminated prior to the initiation of fieldwork in accordance with NYSDEC guidelines, and all field instruments were properly calibrated in accordance with procedures set forth by the equipment manufacturer(s). A photoionization detector (PID) was utilized by GBTS personnel to screen all encountered material for the presence of volatile organic vapors where appropriate. The PID was properly calibrated prior to the start of fieldwork, following the equipment manufacturer's protocols.

3.1.3 Investigation Derived Waste

Soil generated during soil sampling and well installation, and any remaining material from sampling activities, was placed into DOT-approved 55-gallon steel drums with covers, which were stored on-Site pending final off-Site disposal at an approved facility. Discarded personal protective equipment and other fieldwork supplies were disposed as municipal solid waste.

3.1.4 Subcontractors

GBTS oversaw the extension of soil borings and vapor probes by Core Down Drilling (CDD) and installation of monitoring wells by Aquifer Drilling and Testing (ADT). Professional survey work (documenting all sampling locations and the elevations of the monitoring wells) was performed by Tectonic Engineering Consultants, Geologists and Land Surveyors, D.P.C. The RIWP Health and Safety Plan (HASP) was reviewed with all subcontractors prior to the start of work. Richard Hooker of GBTS served as the Site Health and Safety officer during all on-Site work. GBTS personnel developed all monitoring wells, and collected all soil, soil vapor and groundwater samples. Laboratory services for analysis of samples were subcontracted to Phoenix Environmental Laboratories, Inc., a New York State Department of Health (NYSDOH) certified laboratory (ELAP Certification No. 11301). Data usability services for the RIR data were provided by Environmental Data Services, Inc. (Section 3.5).

3.1.5 Fieldwork Observations, Sample Collection and Sample Custody

An assessment of field conditions (e.g., soil type, indications of contamination, PID readings) was made during sample collection. GBTS personnel maintained field logs documenting all field observations and measurements (see fieldwork documentation in Appendix A). All media samples were collected in a manner consistent with NYSDEC and NYSDOH sample collection protocols. Dedicated, disposable gloves

were worn by all personnel handling samples, and media was placed into laboratory-supplied containers. Soil and groundwater sample containers were maintained at cold temperature (4° C) prior to, and during, transport to the laboratory. Appropriate chain-of-custody procedures were followed.

Any non-dedicated sampling equipment was decontaminated prior to initiation of fieldwork and before each new sample location, as appropriate.

3.1.6 Standards, Criteria and Guidance

Standards, Criteria and Guidance (SCGs) applicable to RI sample analysis are specified below.

Soil

SCGs for soil analytes are based on NYSDEC Remedial Program UU and RRU SCOs in 6 NYCRR Part 375, Tables 6.8(a) and 6.8(b), "Protection of Public Health" category (all RI soil data tables provide both UU and RRU SCOs), and guidance values (GV) provided in NYSDEC *Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (PFAS Guidance; April 2023). Soil SCOs are specified in ppm (mg/Kg) and PFAS GVs are specified in parts per billion (ppb; µg/Kg).

Groundwater

SCGs for groundwater analytes are based on Ambient Water Quality Standards and Guidance Values (AWQS) presented in NYSDEC TOGS 1.1.1 and water quality guidance values (WQGV) in the PFAS Guidance (provided only for perfluorooctanoic acid [PFOA] and perfluorooctanesulfonic acid [PFOS]). AWQS are specified in ppb (µg/L) and WQGV for PFOA and PFOS are specified in parts per trillion (ppt; ng/L).

Soil Vapor

New York does not have any standards, criteria or guidance values for volatile chemicals in subsurface vapors (either soil vapor or sub-slab vapor). In the absence of SCG, results were reviewed as a whole and evaluated (as applicable) using the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006) with updates. Vapor results are provided in micrograms per cubic meter ($\mu g/m^3$).

3.1.7 Documented Deviations from the Approved RIWP

There were no significant deviations from the RIWP that were critical to the validity of the findings and conclusions presented in Section 4.0.

3.1.8 Community Air Monitoring Plan

Air monitoring was conducted for VOCs and dust during all RI ground-intrusive fieldwork activities, in accordance with the Community Air Monitoring Plan (CAMP). No significant VOC readings or exceedances were observed. Elevated levels of dust were not recorded during any ground-intrusive fieldwork. Dust monitoring data is provided in Appendix A.

3.2 Soil Investigation

3.2.1 Sample Collection Methodology

Twenty (20) mechanized borings were advanced during the RI by CDD from October 1 to 3, 2025 (2SB-01 to 2SB-18, specified in the RIWP, and additional borings 2SB-19 and 2SB-20 extended near the suspect UST near South Street; see Section 3.1.1). Locations were flagged in the field and surveyed December 13, 2025. Borings were extended using track-mounted equipment (6712DT Geoprobe) with a direct-push coring barrel (using disposable acetate sleeves to prevent cross contamination), collecting soil at intervals of 5 feet to a maximum depth of 15 feet bgs. Three samples were typically collected, including surface material (upper 2 inches) at all locations, subsurface fill materials, and from underlying native glacial till if present or from underlying weathered bedrock in contact with fill if sufficient fines were present.

Sampling criteria at borings was based on the presence of encountered fill/debris in upper soils, saturated material at the soil/groundwater interface, intervals exhibiting field indications of contamination or likely to contain sources of contamination, or from non-impacted soils to establish vertical delineation. Material was removed directly from the acetate sleeves. Field personnel wore dedicated disposable gloves and placed samples directly into laboratory-supplied glassware using disposable equipment. The coring barrel was decontaminated to avoid cross-contamination between samples.

Sampling for PFAS was conducted prior to other sampling, in accordance with RIWP Standard Operation Procedures. Soil sampling for VOCs was conducted according to USEPA Method 5035 fieldwork protocols, utilizing laboratory sampling kits (disposable plastic syringes and prepared 40-ml glass vials).

3.2.2 Fieldwork Observations and Sample Collection

Site soils observed during the RI (twenty borings), generally consisted of fill (dry silt and/or variable texture sand with gravel and fragments of brick, glass, and other debris) to depths from 2.5 to 15 feet bgs,

overlying native glacial till (variable texture sands and silts with some gravel). Weathered bedrock was encountered in eleven locations at depths from 9 to 15 feet bgs, overlain exclusively by fill at seven locations. Refusal was encountered at six locations at depths from 8 to 13 feet bgs. Wet soil (potentially perched water) was present in borings 2SB-01 to 2SB-09, at depths ranging from approximately 7 to 13 feet bgs. No field evidence of contamination was observed at any boring location.

Three samples were collected from sixteen borings and two samples were collected from four borings. Typical sampling included surface material (upper 2 inches) at all locations, subsurface fill materials, and underlying native glacial till if present or underlying weathered bedrock if in contact with fill and if sufficient fines were present. Samples were collected from wet soils when encountered.

Boring logs documenting subsurface conditions/fieldwork observations are presented in Appendix A.

3.2.3 Laboratory Results – Soil

Fifty-six (56) samples and an additional three (3) duplicates were analyzed for TCL VOCs and SVOCs plus TICs, TAL metals (plus Cr^{+6} and CN), pesticides, herbicides, PCBs, and PFAS. Sampling locations and detections of compounds in soil at concentrations above UU SCOs are shown on Figures 5 to 7, Figure 8 shows detected PFAS at all locations, and data for all analyte classes are summarized in Tables 1 to 6.

3.2.3.1 Soil Analysis: VOCs and SVOCs

VOCs in soil were limited to a marginally elevated level of acetone (0.079 ppm; UUSCO 0.05 ppm) and trace 2-butanone in surface soil at 2SB-17, and trace acetone and carbon disulfide in one sample from 10 to 15 feet bgs (acetone is a potential laboratory cross-contaminant). No other VOCs were reported in Site soil. SVOCs were detected above RRU SCOs in seven (7) samples, with six collected from the surface and one collected at 0 to 5 feet bgs. All exceedances were restricted to the polycyclic aromatic hydrocarbons (PAHs) dibenzo(a,h)anthracene (0.44 ppm; RRU SCO 0.33 ppm) and indeno(1,2,3-cd)pyrene (2.1 ppm; RRU 0.5 ppm). All exceedances of UU SCOs were associated with locations exceeding RRU SCOs.

Trace to low levels of multiple SVOCs were reported in locations throughout the Site, including deep soil intervals, and TICs were found at various depths, with VOC TICs in six locations and SVOC TICs reported in all samples. Total TICs ranged from 0.66 to 26.75 ppm [note: totals exclude two compounds identified as likely byproducts of the laboratory extraction process; see footnote in Table 3].

VOCs and SVOCs detected in soil above UU SCOs are shown on Figure 5, and data for VOCs, SVOCs, and total TICs are summarized in Tables 1, 2, and 3, respectively.

3.2.3.2 Soil Analysis: Metals

TAL metals were detected above RRU SCOs in twenty-four (24) samples, primarily in surface soil but extending as deep as 6 feet, including: arsenic (16.7 ppm, RRU SCO 16 ppm); barium (717 ppm; RRU SCO 400 ppm); copper (405 ppm, RRU SCO 50 ppm), lead (5,670 ppm; RRU SCO 400 ppm), and mercury (3.47 ppm; RRU SCO 0.81 ppm). Nickel was reported above UU SCOs in soils below 8 feet and zinc was reported above UU SCOs in both surface and deep soil. Mercury, lead, nickel, and/or zinc were found above UU SCOs at multiple depths in seventeen (17) locations that were not otherwise impacted by metals above RRU SCOs. TAL metals above UU SCOs are shown on Figure 6 and data are summarized in Table 4.

3.2.3.3 Soil Analysis: Pesticides, Herbicides, and PCBs

Fifteen (15) samples (primarily surface soil) contained pesticides above UU SCOs including DDT and breakdown products (0.056 ppm; UU SCO all analytes 0.003 ppm), and dieldrin (0.013 ppm; UU SCO 0.005 ppm). No other pesticides, and no PCBs or herbicides, were detected in soil samples. Pesticides above UU SCOs are shown on Figure 7 and data for all analyte classes are summarized in Table 5.

3.2.3.4 Soil Analysis: PFAS

Low-level exceedances of UU GVs for PFAS (well below the RRU GVs) were reported in twenty-one (21) samples, with 18 from the surface and three from upper soils (PFOS 0.893 to 4.2 ppm, UU GV 0.88 ppm, RRU GV 44 ppm; and PFOA 0.677 to 1.12 ppm, UU GV 0.66 ppm, RRU GV 33 ppm). Fourty-four (44) samples contained low levels of other PFAS (all individual detections reported at less than 1 ppb). Detected PFAS are shown on Figure 8 and data are summarized in Table 6.

3.2.4 Nature and Extent of Contamination – Soil

Fill materials are present throughout the Site extending at least as deep as up to 15 feet bgs; no field evidence of contamination, however, was observed at any soil borings, suggesting that there have not been any recent releases at the Site.

PAHs and metals above RRU SCOs have been documented in fill soils, primarily in surface soil (no contamination above RRU SCOs has been identified below 5 feet bgs). Pesticides, PFOS, and PFOA were identified above UU SCOs/UU GVs (generally in surface soil) throughout the Site, along with multiple other

PFAS at low levels. No significant VOC impacts were identified in soil and no chlorinated solvents, herbicides, or PCBs were reported in any samples.

Overall, RI findings indicate general impacts from poor-quality fill and/or demolition of former Site structures, but are not consistent with significant releases from historical source areas of contamination.

3.3 Groundwater Investigation

3.3.1 Monitoring Well Installation

Six (6) permanent monitoring wells (MW-01 to MW-06) were installed by ADT from October 27 to 30, 2025 during the RI. Fieldwork was conducted under the direct supervision of GBTS field personnel (locations are shown on Figure 4 Sampling Location Map and Figure 13 Direction of Groundwater Flow).

Borings for well installation completed with a mechanized Geoprobe utilizing an auger for the first 5 feet followed by an air-rotary drill. All borings were extended through overburden soil into hard bedrock (well points were set at depths ranging from 17 to 34 feet bgs). With exception of MW-05, which is screened entirely within bedrock, all wells are primarily screened within the overburden.

Each monitoring well was constructed of two-inch PVC casing with 10 feet of 0.01-inch slotted PVC well screening placed to extend approximately 2 feet above the water table. The annular space around the well screen was backfilled with clean #1 silica sand to a depth of approximately 2 feet above the well screen, approximately 2 feet of hydrated bentonite was placed above the sand, and the remaining annular space was backfilled with soil cuttings (originating from the corresponding depth and screened to confirm an absence of any overt contamination). All wells are equipped with a gripper casing cap. The top of each casing extends approximately 3 feet above grade and is protected with a stick-up steel casing with locking cover. Well construction and groundwater sampling logs are presented in Appendix A. Monitoring well casing elevations were measured by a professional surveyor on December 13, 2025.

3.3.2 Monitoring Well Development

Permanent monitoring wells were developed following installation to enhance the hydraulic connection between the well screen and the surrounding soils. Well casings were first screened with a PID to document the presence of any volatile organic vapors.

A submersible pump and dedicated polyethylene tubing were then used to clear fine-grained material that may have settled around the well screen and at the base of the well. Well development began at the top of the water column to prevent clogging of the pump by excessive sediment. The pump body acted as a surge-block by being raised and lowered within portions of the screened interval to force water back and forth through the screen. Repeated surging and pumping was conducted to the bottom of the well casing until discharged water appeared free of sediment. The pump assembly was removed from the well while the pump was still running to minimize discharge of purged water back into the well. All non-dedicated equipment was decontaminated between wells.

3.3.3 Groundwater Flow

Groundwater flow was calculated using measurements collected prior to the start of groundwater quality sampling on November 6, 2025, and during a subsequent Site Survey on December 13, 2025. Approximate groundwater contours were determined based on elevations of static groundwater using an electronic depth meter accurate to the nearest 0.01-foot. Groundwater depths (measured from the top of the stick-up PVC well casing [approximately 3 feet above grade]) and elevations are provided in the table below.

		November 6, 2025		December 13, 2025	
Well ID	**Casing Elevation**	**Depth to Water**	**Groundwater Elevation**	**Depth to Water**	**Groundwater Elevation**
MW-01	127.099	12.62	114.48	13.04	114.06
MW-02	118.662	9.98	108.68	10.06	108.60
MW-03	121.885	8.93	112.96	8.68	113.21
MW-04	112.900	18.23	94.67	17.42	95.48
MW-05	115.413	22.05	93.36	21.34	94.07
MW-06	100.471	20.86	79.61	21.24	79.23

Notes: All data in feet (groundwater elevations reported to nearest hundredth of a foot). Elevations based on NAVD88.

Site groundwater flow (see Figure 13) appears to be overall southeasterly, consistent with surface topography, toward the Hudson River (approximately 500 feet east). The flow rate was not determined.

3.3.4 Sample Collection Methodology

Groundwater samples were collected from monitoring wells on November 6 and December 4, 2025 (the latter sampling round was conducted exclusively for hexavalent chromium [Cr^{+6}], which had not previously

been analyzed during the November sampling event). Prior to sampling, each well casing was opened, and the well column was immediately screened with a PID to document the presence of any volatile organic vapors. All wells were purged and sampled in accordance with USEPA low stress ("low flow") procedures. All sampling was conducted using a Horiba U-50 series multi-parameter water quality meter and flow-through enclosure, dedicated plastic tubing and a peristaltic pump. Sample collection occurred after wells were purged for at least 15 minutes and field parameters stabilized (achieved when three consecutive readings were within required parameters).

Samples were collected into laboratory supplied containers, in accordance with the requirements of the QAPP. Groundwater samples were not filtered prior to submission to the laboratory.

3.3.5 Fieldwork Observations

PID readings at all wells were below 1 ppm and no field evidence of contamination (odors, relevant discoloration, or evidence of non-aqueous-phase liquid [such as sheens]) was observed.

3.3.6 Laboratory Results – Groundwater

Water samples from each on-Site well (MW-01 to MW-06) were analyzed for TCL VOCs and SVOCs plus TICs, TAL metals (plus Cr^{+6} and CN), PFAS (NYSDEC target list), pesticides, PCBs, and herbicides. Well locations and analytical results are shown on Figures 9 to 11, and groundwater data are summarized in Tables 7 to 12.

3.3.6.1 Water Analysis: VOCs and SVOCs

One VOC, a trace level of gasoline additive methyl tert-butyl ether (MTBE) in MW-05 (0.41 ppb, AWQS 10 ppb), and no SVOCs, were reported in groundwater. VOC TICs (limited to a single unknown hydrocarbon) were reported in four wells from approximately 4.2 to 45 ppb and SVOC TICs (limited to three compounds) were reported in two wells, from approximately 6 to 25 ppb; the highest TIC concentrations for both analyte classes were reported at MW-06. VOC and SVOC data are summarized in Tables 7 and 8, respectively.

3.3.6.2 Water Analysis: Metals

Multiple total and dissolved metals were reported in all groundwater samples, with elevated levels of iron (2,290 ppb; AWQS 300 ppb), magnesium (65,300 ppb; AWQS 35,000 ppb), manganese (2,970 ppb; AWQS 300 ppb), and/or sodium (523,000 ppb; AWQS 20,000 ppb). Exceedances occur for both total and

dissolved concentrations, with exception of dissolved iron (reported as non-detect). Heavy metals reported above RRU SCOs in soil (arsenic, barium, copper, lead, and mercury) are either non-detect or present at only low levels in groundwater. Total and dissolved metals above AWQS are shown on Figure 10, and all data are summarized in Tables 9 and Table 10, respectively.

3.3.6.3 Water Analysis: Pesticides, Herbicides and PCBs

No pesticides, herbicides, or PCBs were detected in groundwater; all data are summarized in Table 11.

3.3.6.4 Water Analysis: PFAS

Elevated levels of PFOS (4.88 ppt; WQGV 2.7 ppt) were reported at MW-06, and elevated PFOA (13.6 to 106 ppt; WQGV 6.7 ppt) were reported at MW-01 (highest concentration) to MW-04, and MW-06. Multiple other PFAS were found in all wells except MW-05, with a maximum value of 100 ppt (MW-01). PFAS detected in groundwater are shown on Figure 11 and PFAS data are summarized in Table 12.

3.3.7 Nature and Extent of Contamination – Groundwater

Groundwater contamination above applicable SCG is limited to metals commonly reported in regional groundwater (iron, magnesium, manganese [only metal with an established SCO], and sodium) and PFAS (PFOA and PFOS). With exception of trace MTBE in one well, and low-grade impacts from VOC/SVOC TICs at multiple wells, there were no reported detections of organic compounds in groundwater. Given that metal analytes found in soil above SCOs (with exception of marginally elevated manganese in one sample) are not present in groundwater, metal impacts in groundwater are likely indicative of conditions in the surrounding urban area rather than a significant release/source area at the Site. PFAS in groundwater may be related to low-level exceedances of PFAS in surface and upper soils, and/or be from an off-Site source.

3.4 Soil Vapor Investigation

3.4.1 Sample Collection Methodology – Soil Vapor

A soil vapor survey was completed to document VOC levels in the soil vadose zone. Eight (8) soil vapor samples (SV-01 to SV-08) were collected during the RI. Sampling points were created by advancing a mechanized direct-push boring to an approximate depth of 5 feet bgs, and inserting sample tubing (0.188-inch inner diameter Teflon) attached to a ceramic “air stone” filter, which was placed immediately above the bottom of the boring. The filter was surrounded by several inches of clean sand followed by a cap of

dry bentonite clay, and the remaining portion of the borehole was sealed with hydrated bentonite clay to prevent the infiltration of surface air.

The space around the sampling point was enclosed and sealed (with a plastic container and bentonite clay) in order to introduce a tracer gas (helium) into the area surrounding the probe point. A helium detector (Radiodetection Multi-vapor Leak Locator, model MDG 2002) was utilized to determine when the interior atmosphere reached a helium concentration of 80%. A vacuum pump was then utilized to purge the standing air from the tubing and open interval of the bore hole and the absence of helium was confirmed. At least three borehole and tubing volumes were purged prior to sample collection at a rate not exceeding 0.2 liters per minute.

Following purging, vapor samples were collected over a two-hour period using a six-liter stainless steel, laboratory-supplied Summa canister with a two-hour calibrated flow controller. The pre- and post-sample canister pressure, start and stop times, and location of each sampling point were recorded.

3.4.2 Fieldwork Observations – Soil Vapor

Surface conditions were sufficient to allow for the proper installation of sampling points. Field evidence of contamination was limited to PID readings recorded prior to purging, ranging from 2.5 to 26.5 ppm.

3.4.3 Laboratory Results – Soil Vapor

Eight (8) vapor samples were analyzed for VOCs (USEPA TO-15). Tetrachloroethylene (PCE) was detected in all samples ranging from 210 to 474 µg/m^3; no PCE breakdown products, however, or any other chlorinated VOCs, were found in any samples. Additional contamination was reported at all locations, comprised of low-grade impacts from petroleum VOCs (maximum concentration m,p-xylene 77.2 µg/m^3) and other non-chlorinated VOCs (including 2-butanone from 80.2 to 200 µg/m^3).

Vapor sampling locations and results are shown on Figure 12 and data are summarized in Table 13.

3.4.4 Nature and Extent of Contamination – Soil Vapor

PCE concentrations are reported below 500 µg/m^3 and no PCE or any other chlorinated VOCs have been documented in Site soil and groundwater; these findings, as well as the relatively uniform distribution of PCE throughout the Site, support the conclusion that the source of PCE in vapor is related to local area (off-Site) contamination conditions rather than Elevated PCE in vapor is not likely associated with a

significant on-Site source area. All other VOC impacts are minimal and considered to be typical of conditions seen in urban/commercial settings, and do not appear to be related to an on-Site source area.

3.5 Data Generation and Validation

Complete laboratory data packages (ASP Category B Deliverables), containing all laboratory data generated during execution of the RIWP, were provided to independent, third-party data validators, who prepared Data Usability Summary Reports (DUSRs; provided in Appendix B). All laboratory results for soil, groundwater and soil vapor were determined to be [NYSDEC reviewer note, this is placeholder text pending final from validator] usable for qualitative and quantitative purposes. with exception of soil results for analyte (## samples), etc., and groundwater results for analyte at WELL ID, which were rejected. The overall percent usability or completeness of the data was 99.35 %. Based on the level of completeness, and the specific identified analytes, GBTS concludes that the rejected data are not a significant limitation to the findings of the RI.

3.6 Qualitative Human Health Exposure Assessment

An exposure assessment was conducted to qualitatively assess the potential impacts of known environmental contaminants associated with the Site on human health, with attention to all possible exposure pathways (i.e. ingestion, inhalation and direct contact).

Both current (existing conditions) and future use (proposed restricted-residential use) scenarios were considered. Contaminants were assessed relative to specific impacted media. The primary contaminants of concern at the Site are elevated PAHs and metals in soil, elevated PFAS in groundwater, and PCE impacts in vapor. The presence of fill materials, TICs in soil and groundwater, and low-level exceedances of metals in groundwater, are an additional general concern in regard to exposures. On-Site workers (or trespassers) present during remediation and/or future development activities are the most likely receptor population.

The following section evaluates the elements associated with exposure pathways, and describes how each of these elements pertains to the Site. For all media, the implementation of a HASP and a CAMP will mitigate possible impacts to both on-Site and off-Site receptor populations. Any on-Site or off-Site development activities that involve disturbance, exposure or contact with contaminated soil, groundwater, or soil vapor will require monitoring and mitigation plans to address potential direct contact with media, dust generation and contaminant migration.

3.6.1 Soil

Direct contact, ingestion and/or inhalation (of particulate matter) are the primary exposure pathways for contaminated soils. People can come into contact if they participate in ground-intrusive work at the Site, or are exposed to dust generated during construction activities that disturb contaminated soil. Outside of excavation activities, there are no likely significant exposures to contaminated soil, either on the Site or at off-Site areas. The potential exists for low-level contamination to be present after the completion of remediation and Site development activities. All potential exposure pathways (direct contact, ingestion or inhalation) will likely be mitigated as soils would have been remediated and/or access to soils would be limited by paved areas and building foundations.

3.6.2 Groundwater

Direct contact and/or ingestion are the primary exposure pathways for contaminated groundwater. Impacted groundwater is not being used for drinking water (or any other purposes) at the Site or at off-Site areas, as the area is served by the public water supply. No known private wells exist in the vicinity of the Site. People can come into contact if they participate in ground-intrusive work at the Site. The potential for contact is generally a concern for work conducted at depths near or below the seasonally high local groundwater elevation. Any dissolved contaminants in groundwater downgradient of the Site are anticipated to diminish as a result of Site remediation.

3.6.3 Soil Vapor/Air

Potential exposure pathways include vapor intrusion within any new Site structures and at off-Site properties, and direct contact and/or inhalation of contaminated soil vapor generated during soil excavation or remedial construction. A CAMP would be implemented at the Site (and, as required, at off-Site areas) to monitor air quality and minimize potential exposures to vapors for both construction works and the public. The potential for on-Site and off-Site exposure to soil vapor is expected to decrease after subsurface soils have been remediated. Post-remediation sampling results will document contaminant levels in remaining media and will determine the need for any on-Site and off-Site vapor intrusion studies, and the need for any on-Site engineering controls or building design features (e.g., sub-slab depressurization system or a fully ventilated ground floor garage) to mitigate soil vapor intrusion.

3.6.4 Overview of Current and Potential Exposures

Environmental Media and Exposure Route	Human Exposure Assessment
Soil: Direct contact, ingestion and/or inhalation (particulates)	People can come into contact if they trespass at the site (during construction), participate in ground-intrusive work, or are exposed to dust generated during construction activities. Within excavation areas, contact is generally a concern for work conducted at depths near or below the groundwater table; outside of excavation activities, there are no likely on-Site or off-Site exposures. The potential exists for low-level contamination to remain at on-Site areas after remediation and development activities. All potential exposure pathways (direct contact, ingestion or inhalation) will likely be mitigated as subsurface soils would have been remediated and/or access to subsurface soils would be limited by paved areas and building foundations.
Groundwater: Direct contact and/or ingestion	Impacted groundwater is not being used for drinking water (or any other purposes) either on- or off-Site, as the area is served by a public water supply. No known private wells exist in the vicinity of the Site. People can come into contact if they participate in ground-intrusive work at the Site. The potential for contact is generally a concern for work conducted at depths near or below the seasonally high local groundwater elevation. Any dissolved contaminants in groundwater downgradient of the Site are anticipated to diminish as a result of Site remediation
Soil Vapor/Air: Inhalation (exposures related to soil vapor intrusion)	Potential exposure pathways include vapor intrusion within any new structures and at off-Site properties, and direct contact and/or inhalation of contaminated soil vapor during soil excavation or remedial construction. A CAMP would be implemented to monitor air quality and minimize potential exposures for both construction works and the public. Potential exposures are expected to decrease after remediation. Post-remediation sampling results will be used to determine the need for any vapor intrusion studies, and the need for any modifications to proposed engineering controls or building design features (e.g., sub-slab depressurization system) to mitigate soil vapor intrusion.

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3.7 Qualitative Fish and Wildlife Resource Exposure Assessment

DER-10, Appendix 3C *Fish and Wildlife Resources Impact Analysis Decision Key*, was reviewed in light of the fieldwork observations and laboratory results generated during the RI. Based on these findings and DER-10 requirements, an on-Site and off-Site qualitative fish and wildlife resource exposure assessment (identification of impacts to fish and wildlife resources from Site contaminants of ecological concern) will not be completed (there are no ecological resources present on or in the vicinity of the Site, which is the location of multiple former buildings and is in a well-developed urban setting).

3.8 Conceptual Site Model

The Site is covered to variable depths by a layer of urban fill materials, which may include material sourced from off-Site, impacted locations. Site soils contain SVOCs, metals, pesticides, and PFAS (PFOS and PFOA) above UU SCOs/UU GVs and multiple locations have PAHs and/or metals exceeding RRU SCOs in upper soils/fill (typically at the surface).

Groundwater at multiple wells has elevated PFAS, which may be related to low-level exceedances of PFAS in surface and upper soils, and/or be from an off-Site source. Low-grade metal impacts (typical of well-developed urban settings) are present in groundwater throughout the Site; given that metal analytes found in soil above RRU SCOs (with exception of marginally elevated manganese in one sample) are not present in groundwater, these findings are likely indicative of off-Site groundwater conditions in the surrounding urban area rather than a significant release/source area at the Site. There are no documented contaminant plumes identified at the Site (groundwater flow is southeasterly).

Significant vapor impacts are limited to a relatively uniform distribution of PCE throughout the Site (all concentrations reported below 500 µg/m3). The absence of any field evidence of contamination or PCE (or any other chlorinated VOCs) in Site soil and groundwater supports the conclusion that the source of PCE in vapor is related to local area (off-Site) contamination conditions rather than a significant on-Site source. All other VOC impacts in vapor are minimal, are considered to be typical of conditions seen in urban and commercial settings, and do not appear to be related to an on-Site source area.

Overall, the RI findings are consistent with conditions seen at urban locations where buildings have been demolished and poor-quality fill is present, resulting in impacts from PAHs, metals, pesticides, and PFAS, and where poor-quality vapor is present absent an obvious source.

Areas of concern are limited to elevated PAHs and metals in soil and PCE concentrations in vapor that represent a potential risk of soil vapor intrusion into any new on-Site buildings. Existing data indicate that significant amounts of hazardous waste have not been disposed at the Site.

3.9 Preliminary Remedial Action Objectives

The following preliminary Remedial Action Objectives (RAOs) are expected to be addressed by the Remedial Action Work Plan to be prepared for the Site:

Media	RAOs for Public Health Protection	RAOs for Environmental Protection
Soil	Prevent ingestion/direct contact with contaminated soil Prevent inhalation of or exposure from contaminants volatilizing from contaminated soil or fugitive dust	Prevent migration of contaminants that would result in groundwater contamination
Groundwater	Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards	Remove the source of ground or surface water contamination
Vapor	Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site	*Not applicable at this time*

3.10 Environmental Footprint Analysis

In accordance with NYSDEC requirements, this RIR reports environmental footprint metrics, calculated using the USEPA's Spreadsheets for Environmental Footprint Analysis (SEFA) evaluation tool (a collection of analytical workbooks that calculate impacts of remediation in terms of sustainability metrics), which summarizes the quantities of materials and energy used and waste generated at the site during the course of remedial investigation.

This analysis is composed of sub-categories of activities performed during the remedial investigation scope (see Section 3.0) including personnel transportation, equipment/material type and transport, water use, and off-Site laboratory analysis. Waste disposal was not performed during the investigation stage.

SEFA inputs included metrics for greenhouse gas (GHG) emissions, total energy usage, water consumption, electrical usage, on-Site and off-Site emissions of nitrogen oxides (NO_x), sulfur oxides (SO_x), particulate matter under 10 microns (PM10), and hazardous air pollutants (HAPs).

Off-Site activities (materials and fuels processing, public water use, and off-Site laboratory analysis) contributed the most overall to energy usage (50.4%) and to each emission category (44.1 to 99.2%). Laboratory analysis was the largest contributor in each of these categories (see calculations). Personnel and equipment transport contributed 23.3% of energy usage, 26.2% of total GHG emissions, and 15% of total NO_x emissions. On-Site activities, specifically fuel consumption to operate heavy machinery during the investigation, contributed to 26.3% of energy usage, 29.7% of total GHG emissions, and 21.5% of total NO_x emissions. On-Site activities and transportation had negligible impacts on total SO_x, PM, and HAPs emissions, which were almost entirely contributed to by off-Site activities.

Approximately 9.7 Tons of total carbon dioxide equivalent (CO_2e), 0.09 metric tons total NO_x, 0.13 metric tons total SO_x, 0.02 metric tons total PM, and 0.01 metric total HAPs are estimated to have been emitted during the implementation of the remedial investigation work plan. Additionally, 135.1 Metric Million British Thermal Units (MMbtus) total energy, and approximately 234 gallons of fuel (168.2 gallons of diesel and 65.4 gallons of gasoline) are estimated to have been used for drill rig operation and personnel transportation.

On-Site soils were reused as appropriate to conserve materials. The use of recycled/reused materials can lower emissions typically associated with the manufacturing and import of virgin materials. Green remediation elements will be utilized during site development. This SEFA will be recalculated with additional components upon the implementation of a NYSDEC-approved Remedial Action Work Plan.

SEFA output is provided in Appendix D Environmental Footprint Analysis.

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4.0 FINDINGS AND CONCLUSIONS

GBTS has completed the environmental investigative services summarized in Section 3.0 for The Green BCP Site (C336099) located in the City of Newburgh, Orange County, New York. The Remedial Investigation was performed to document the extent of contamination resulting from former uses of the property, in accordance with the approved RIWP, and to provide guidance on response actions warranted to address identified environmental conditions. Areas of Concern have been identified for soil and soil vapor; groundwater impacts, while presenting a possible exposure hazard during future development, are not considered to be significant and are not directly addressed as an AOC.

4.1 Findings and Evaluation of Data

AOC 1: Site-wide Soil Contamination – The Site contains urban fill, typically from 3 to 15 feet bgs, with multiple locations exceeding RRU SCOs for PAHs and/or metals, and pesticides and PFAS exceeding UU SCOs and UU GVs, respectively. There are no known releases associated with these conditions.

AOC 2: Soil Vapor Contamination – Relatively elevated PCE is documented in Site vapor (no breakdown products, however, have been identified). This contamination is not likely indicative of any existing significant on-Site source area (PCE is not present in soil or groundwater). Low-level impacts by other VOCs, typical of urban settings, have been identified.

4.2 Conclusions

A Site investigation, including analysis of soil, groundwater and soil vapor has been conducted. Based on the investigative work, the following general conclusions are reached:

- Sufficient investigative work has been completed with respect to on-Site contamination;
- Significant soil contamination is generally present only in surface and near surface materials;
- Groundwater contamination is not present at levels suggesting a response action is warranted (groundwater, however, may present an exposure hazard during construction activities);
- PCE contamination in vapor does not appear to be related to an on-Site source area.

A Remedial Action Work Plan will be developed and submitted to NYSDEC in order to evaluate remedial alternatives to address environmental conditions documented at the Site.

FIGURES



0 50 100
SCALE IN FEET (APPROXIMATELY)

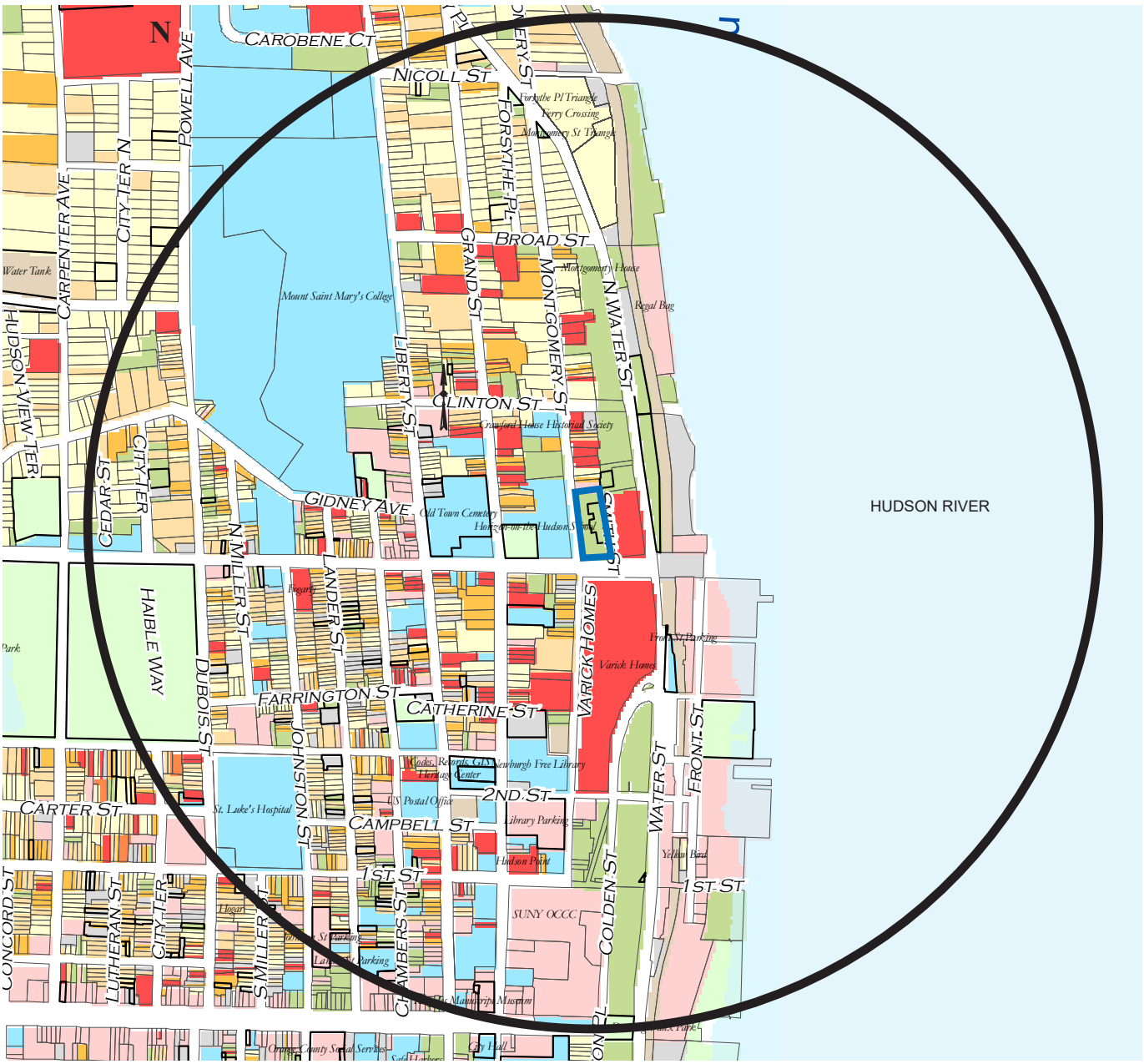
All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 1: Site Location Map

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- BCP Site Boundary
- tax lot lines

File: 22003-0092
December 2025
Scale as shown
Figures



City-Owned Properties
Single Family
Two Family
Three Family
Multi-Family
Vacant Building
Vacant Land
Apartment
Commercial
Recreation
Community Services
Public Services

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SCALE IN FEET (APPROXIMATELY)

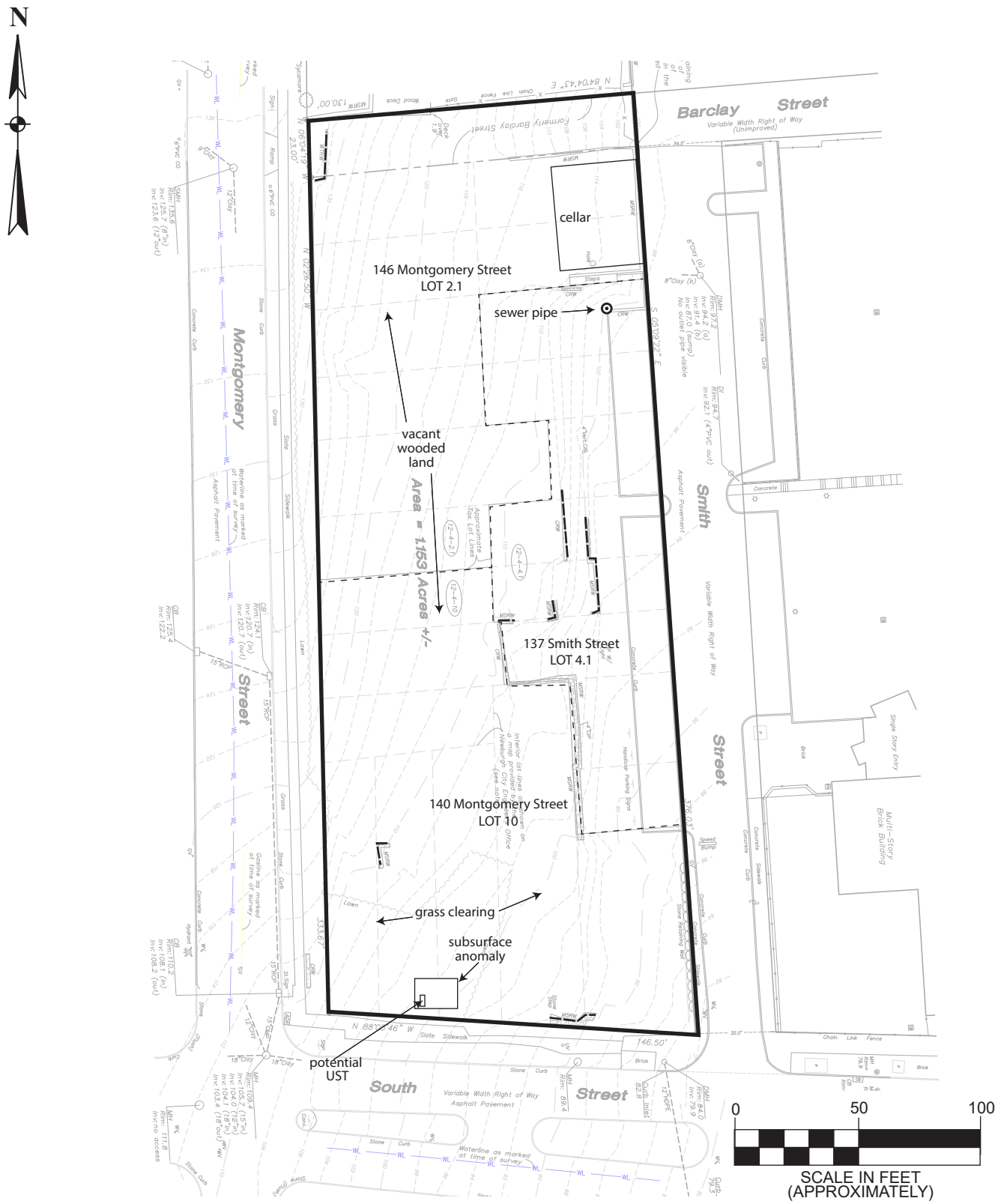
Source: City of Newburgh GIS dated 9/2/2009

Figure 2: Area Land Use

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- BCP Site Boundary
- 1/2 mile radius

File: 22003-0092
December 2025
Scale as shown
Figures



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 3: Site Map

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

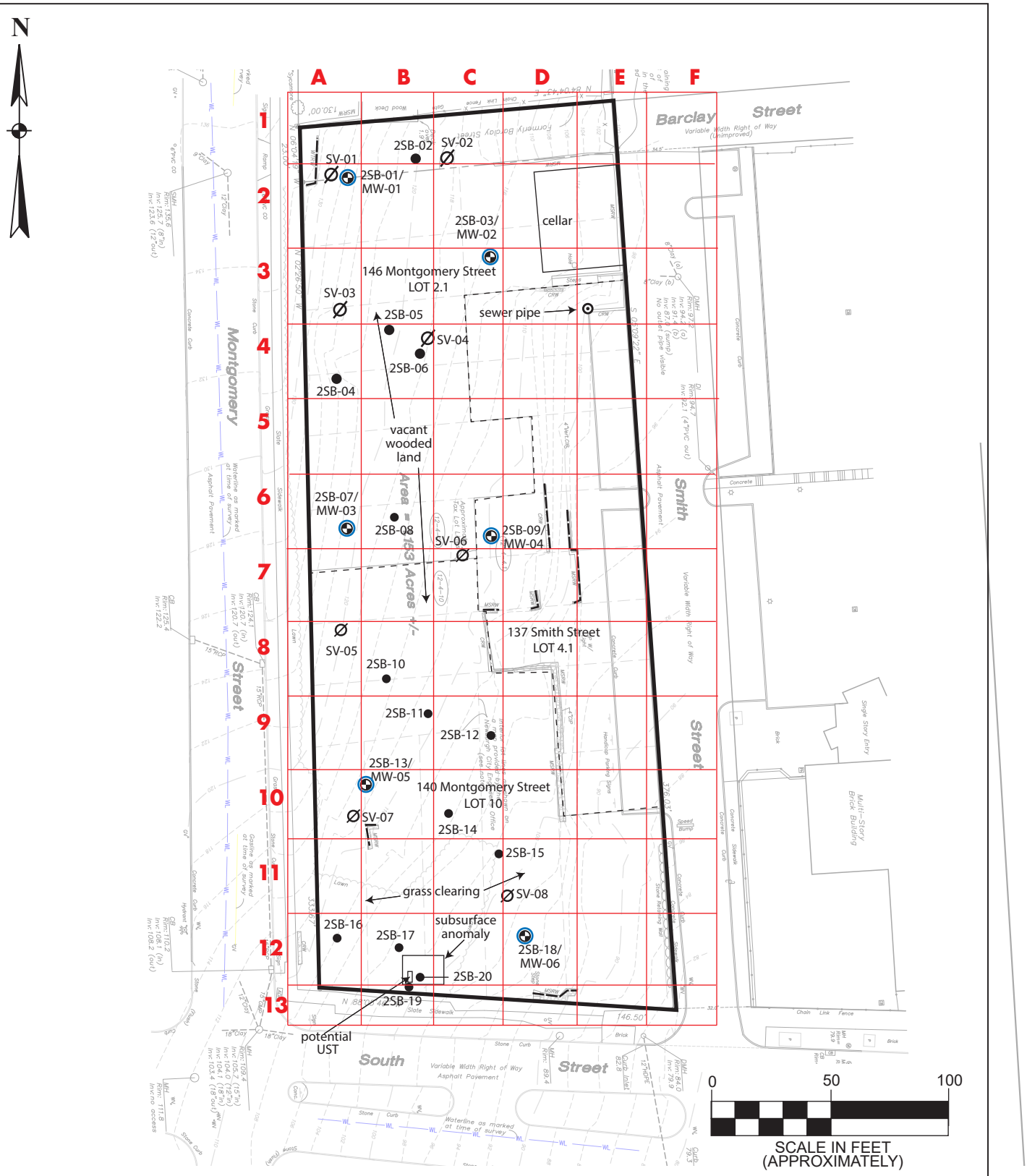
Legend:
- subject property border
- lot lines
- foundation remains

File: 22003-0092

December 2025

Scale as shown

Figures



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 4: Sampling Location Map

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

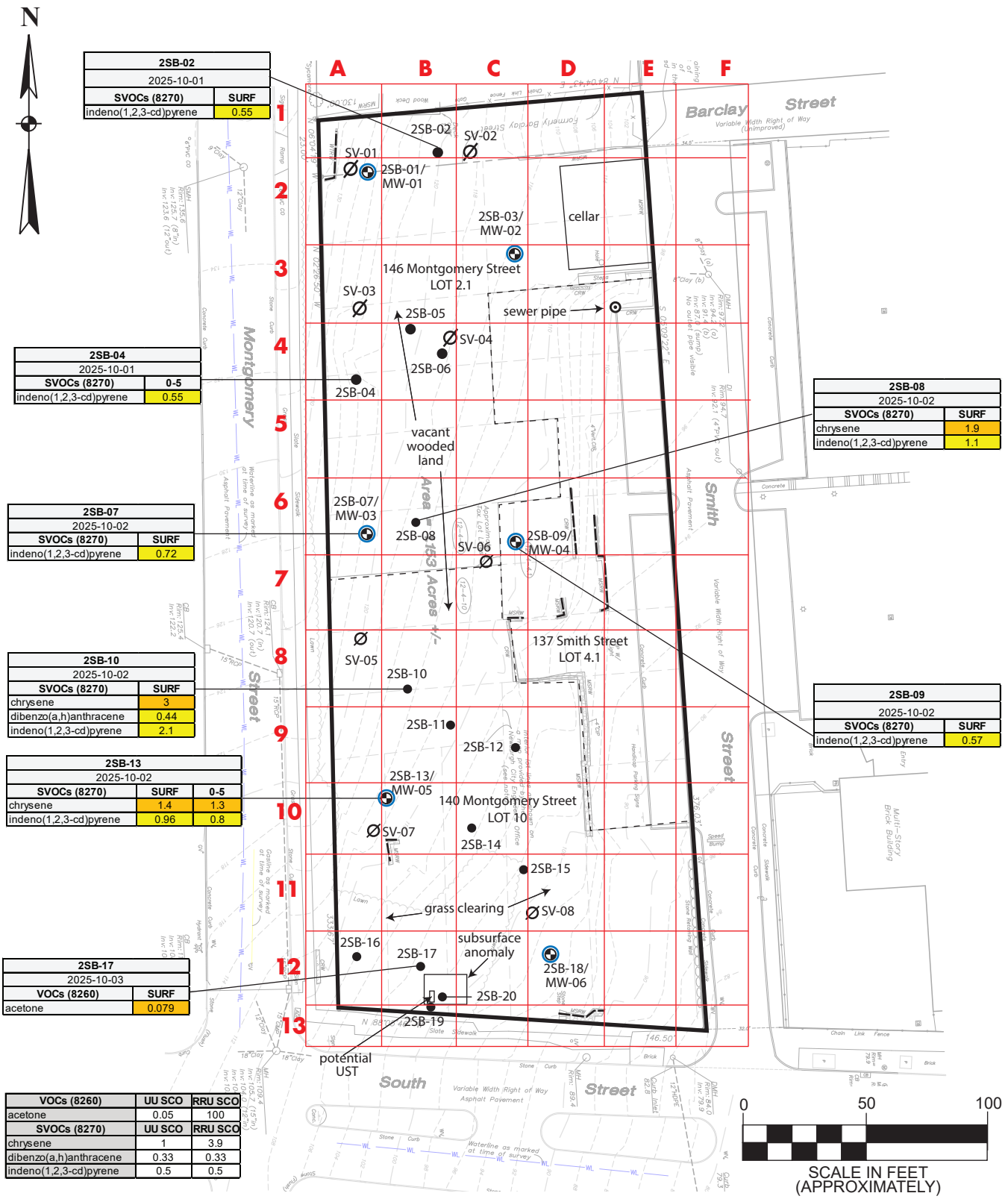
Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

File: 22003-0092

December 2025

Scale as shown

Figures



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 5: Soil Contamination: VOCs and SVOCs

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:

- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

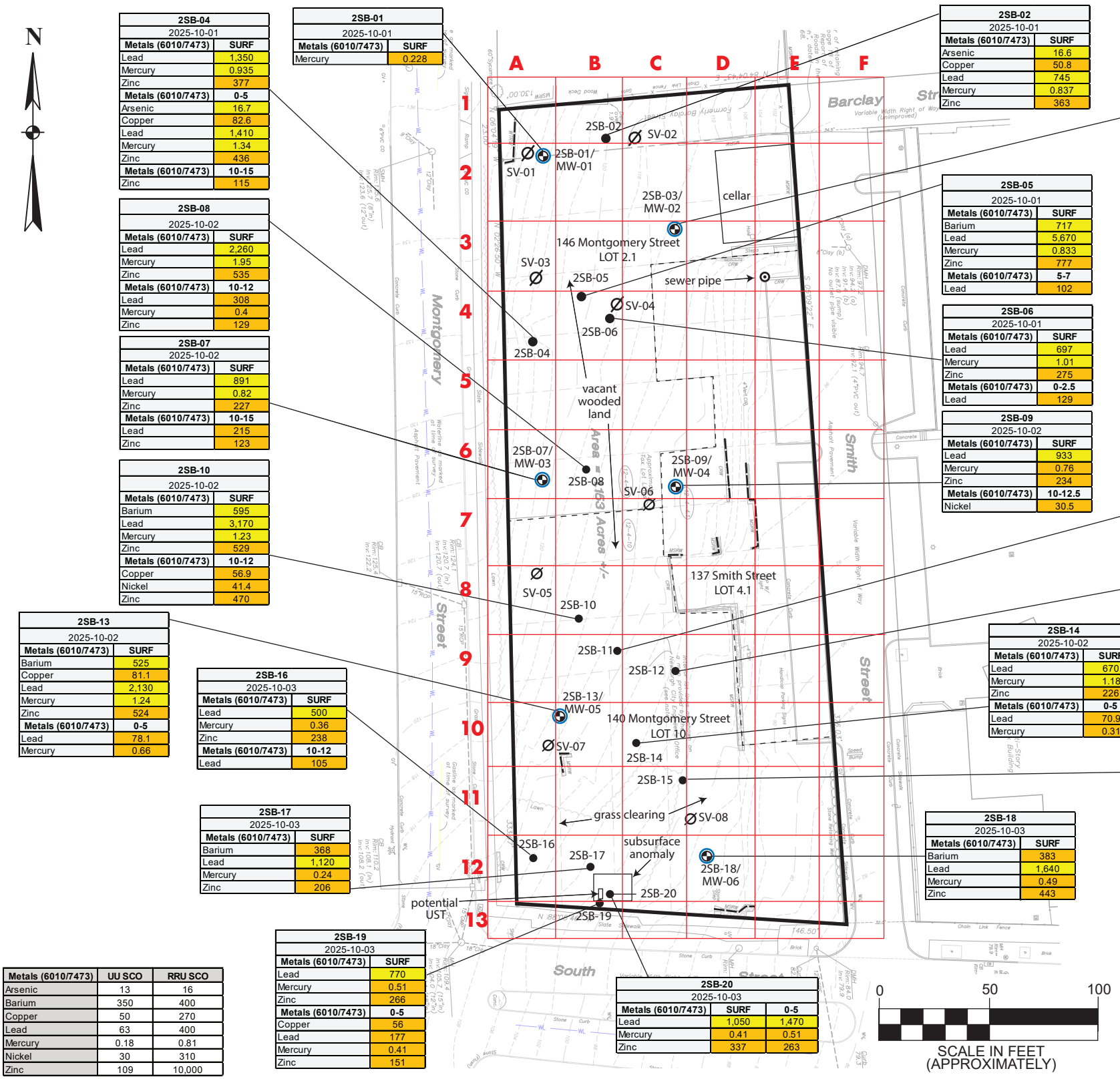
All data in mg/Kg (ppm)
Above UU SCO
Above RRU SCO

File: 22003-0092

December 2025

Scale as shown

Figures



2SB-04	
2025-10-01	
Metals (6010/7473)	**SURF**
Lead	1,350
Mercury	0.935
Zinc	377
Metals (6010/7473)	**0-5**
Arsenic	16.7
Copper	82.6
Lead	1,410
Mercury	1.34
Zinc	436
Metals (6010/7473)	**10-15**
Zinc	115

2SB-01	
2025-10-01	
Metals (6010/7473)	**SURF**
Mercury	0.228

2SB-02	
2025-10-01	
Metals (6010/7473)	**SURF**
Arsenic	16.6
Copper	50.8
Lead	745
Mercury	0.837
Zinc	363

2SB-03	
2025-10-01	
Metals (6010/7473)	**SURF**
Lead	931
Mercury	0.837
Zinc	328
Metals (6010/7473)	**10-12.5**
Copper	53.9
Nickel	36.3
Zinc	122
Metals (6010/7473)	**12.5-15**
Nickel	32.5
Zinc	127

2SB-05	
2025-10-01	
Metals (6010/7473)	**SURF**
Barium	717
Lead	5,670
Mercury	0.833
Zinc	777
Metals (6010/7473)	**5-7**
Lead	102

2SB-06	
2025-10-01	
Metals (6010/7473)	**SURF**
Lead	697
Mercury	1.01
Zinc	275
Metals (6010/7473)	**0-2.5**
Lead	129

2SB-08	
2025-10-02	
Metals (6010/7473)	**SURF**
Lead	2,260
Mercury	1.95
Zinc	535
Metals (6010/7473)	**10-12**
Lead	308
Mercury	0.4
Zinc	129

2SB-07	
2025-10-02	
Metals (6010/7473)	**SURF**
Lead	891
Mercury	0.82
Zinc	227
Metals (6010/7473)	**10-15**
Lead	215
Zinc	123

2SB-09	
2025-10-02	
Metals (6010/7473)	**SURF**
Lead	933
Mercury	0.76
Zinc	234
Metals (6010/7473)	**10-12.5**
Nickel	30.5

2SB-11	
2025-10-02	
Metals (6010/7473)	**SURF**
Copper	51.2
Lead	899
Mercury	2.03
Zinc	256
Metals (6010/7473)	**0-5**
Lead	558
Mercury	2.69
Zinc	124

2SB-10	
2025-10-02	
Metals (6010/7473)	**SURF**
Barium	595
Lead	3,170
Mercury	1.23
Zinc	529
Metals (6010/7473)	**10-12**
Copper	56.9
Nickel	41.4
Zinc	470

2SB-12	
2025-10-02	
Metals (6010/7473)	**SURF**
Copper	51.2
Lead	940
Mercury	3.42
Zinc	319
Metals (6010/7473)	**4-6**
Arsenic	14.2
Barium	352
Copper	405
Lead	1,480
Mercury	1.74
Zinc	368
Metals (6010/7473)	**8-10**
Copper	52.9
Nickel	33.7
Zinc	135

2SB-13	
2025-10-02	
Metals (6010/7473)	**SURF**
Barium	525
Copper	81.1
Lead	2,130
Mercury	1.24
Zinc	524
Metals (6010/7473)	**0-5**
Lead	78.1
Mercury	0.66

2SB-16	
2025-10-03	
Metals (6010/7473)	**SURF**
Lead	500
Mercury	0.36
Zinc	238
Metals (6010/7473)	**10-12**
Lead	105

2SB-14	
2025-10-02	
Metals (6010/7473)	**SURF**
Lead	670
Mercury	1.18
Zinc	226
Metals (6010/7473)	**0-5**
Lead	70.9
Mercury	0.31

2SB-15	
2025-10-03	
Metals (6010/7473)	**SURF**
Lead	667
Mercury	0.52
Zinc	284
Metals (6010/7473)	**0-5**
Lead	66.5
Mercury	0.23
2SB-15 (DUP-20251003)	
Metals (6010/7473)	**0-5**
Lead	668
Mercury	3.47
Zinc	335
Metals (6010/7473)	**10-12**
Nickel	31.8

2SB-17	
2025-10-03	
Metals (6010/7473)	**SURF**
Barium	368
Lead	1,120
Mercury	0.24
Zinc	206

2SB-18	
2025-10-03	
Metals (6010/7473)	**SURF**
Barium	383
Lead	1,640
Mercury	0.49
Zinc	443

2SB-19	
2025-10-03	
Metals (6010/7473)	**SURF**
Lead	770
Mercury	0.51
Zinc	266
Metals (6010/7473)	**0-5**
Copper	56
Lead	177
Mercury	0.41
Zinc	151

2SB-20		
2025-10-03		
Metals (6010/7473)	**SURF**	**0-5**
Lead	1,050	1,470
Mercury	0.41	0.51
Zinc	337	263

Metals (6010/7473)	UU SCO	RRU SCO
Arsenic	13	16
Barium	350	400
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Zinc	109	10,000

Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

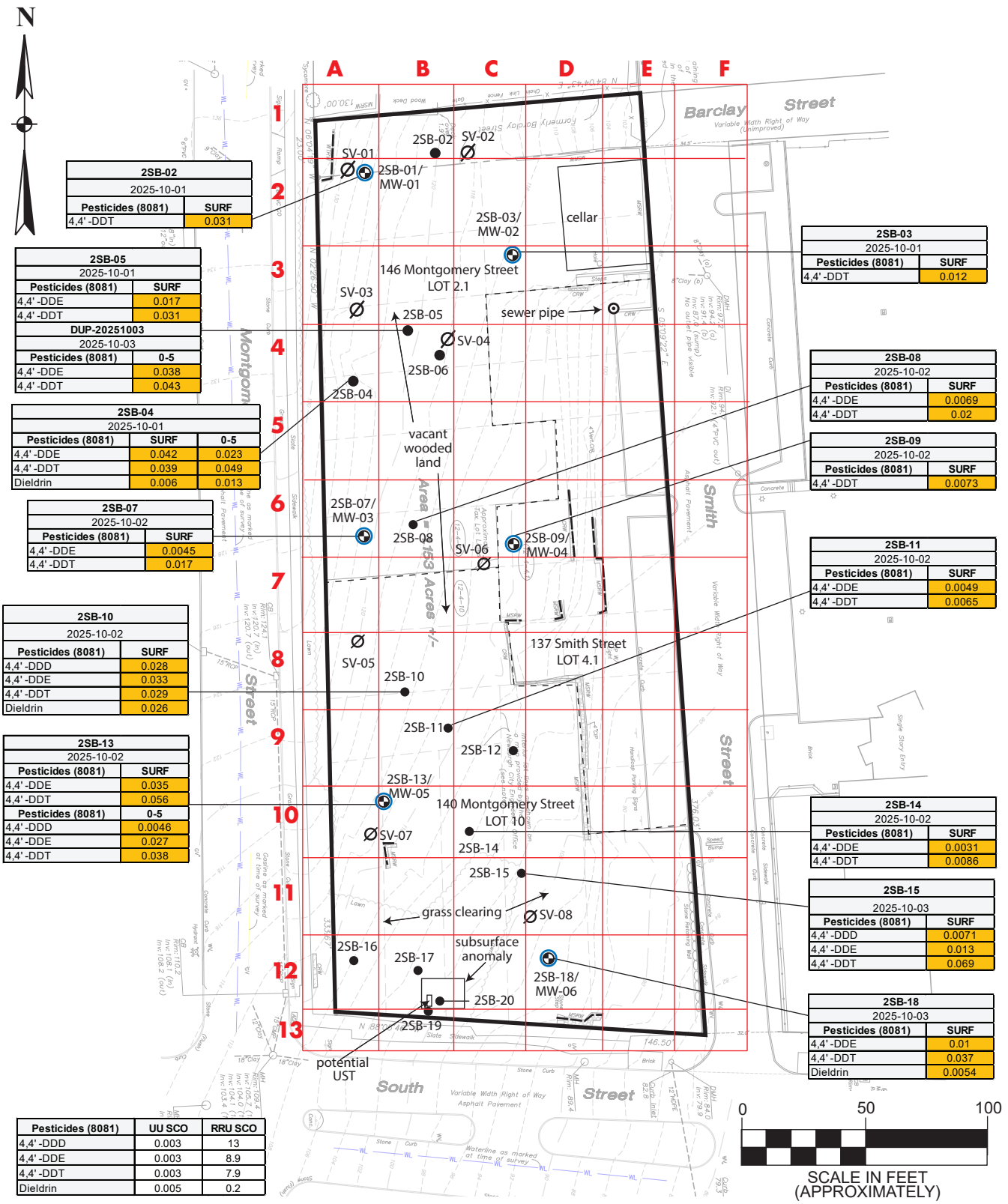
Figure 6: Soil Contamination: TAL Metals

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

All data in mg/Kg (ppm)
Above UU SCO
Above RRU SCO

File: 22003-0092
December 2025
Scale as shown
Figures



2SB-02	
2025-10-01	
Pesticides (8081)	SURF
4,4'-DDT	0.031

2SB-03	
2025-10-01	
Pesticides (8081)	SURF
4,4'-DDT	0.012

2SB-05		
2025-10-01		
Pesticides (8081)	SURF	
4,4'-DDE	0.017	
4,4'-DDT	0.031	
DUP-20251003		
2025-10-03		
Pesticides (8081)	0-5	
4,4'-DDE	0.038	
4,4'-DDT	0.043	

2SB-08	
2025-10-02	
Pesticides (8081)	SURF
4,4'-DDE	0.0069
4,4'-DDT	0.02

2SB-09	
2025-10-02	
Pesticides (8081)	SURF
4,4'-DDT	0.0073

2SB-04		
2025-10-01		
Pesticides (8081)	SURF	0-5
4,4'-DDE	0.042	0.023
4,4'-DDT	0.039	0.049
Dieldrin	0.006	0.013

2SB-07	
2025-10-02	
Pesticides (8081)	SURF
4,4'-DDE	0.0045
4,4'-DDT	0.017

2SB-11	
2025-10-02	
Pesticides (8081)	SURF
4,4'-DDE	0.0049
4,4'-DDT	0.0065

2SB-10	
2025-10-02	
Pesticides (8081)	SURF
4,4'-DDD	0.028
4,4'-DDE	0.033
4,4'-DDT	0.029
Dieldrin	0.026

2SB-13		
2025-10-02		
Pesticides (8081)	SURF	
4,4'-DDE	0.035	
4,4'-DDT	0.056	
Pesticides (8081)	0-5	
4,4'-DDD	0.0046	
4,4'-DDE	0.027	
4,4'-DDT	0.038	

2SB-14	
2025-10-02	
Pesticides (8081)	SURF
4,4'-DDE	0.0031
4,4'-DDT	0.0086

2SB-15	
2025-10-03	
Pesticides (8081)	SURF
4,4'-DDD	0.0071
4,4'-DDE	0.013
4,4'-DDT	0.069

2SB-18	
2025-10-03	
Pesticides (8081)	SURF
4,4'-DDE	0.01
4,4'-DDT	0.037
Dieldrin	0.0054

Pesticides (8081)	UU SCO	RRU SCO
4,4'-DDD	0.003	13
4,4'-DDE	0.003	8.9
4,4'-DDT	0.003	7.9
Dieldrin	0.005	0.2

Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 7: Soil Contamination: Pesticides

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

All data in mg/Kg (ppm)
Above UU SCO
Above RRU SCO

File: 22003-0092
December 2025
Scale as shown
Figures

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N

2SB-01	
2025-10-01	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.0572
Perfluoroheptanoic acid (PFHpA)	0.122
Perfluorohexanoic acid (PFHxA)	0.144
Perfluoro-n-butanoic acid (PFBA)	0.126
Perfluorononanoic acid (PFNA)	0.087
Perfluorooctanesulfonic Acid (PFOS)	0.502
Perfluorooctanoic acid (PFOA)	0.629
Perfluoropentanoic acid (PFPeA)	0.21
Perfluoroundecanoic acid (PFUnA)	0.04
PFAS (1633)	**5-7.5**
Perfluoroheptanoic acid (PFHpA)	0.0665
Perfluorohexanoic acid (PFHxA)	0.13
Perfluorooctanesulfonic Acid (PFOS)	0.448
Perfluorooctanoic acid (PFOA)	0.163
Perfluoropentanoic acid (PFPeA)	0.103
Perfluoroundecanoic acid (PFUnA)	0.19
PFAS (1633)	**7.5-10**
Perfluoroheptanoic acid (PFHpA)	0.112
Perfluorohexanoic acid (PFHxA)	0.0957
Perfluorooctanesulfonic Acid (PFOS)	0.532
Perfluorooctanoic acid (PFOA)	0.227
Perfluoropentanoic acid (PFPeA)	0.0694
Perfluoroundecanoic acid (PFUnA)	0.131
DUP-20251001	
PFAS (1633)	**7.5-10**
Perfluoroheptanoic acid (PFHpA)	0.0618
Perfluorohexanoic acid (PFHxA)	0.0461
Perfluorooctanesulfonic Acid (PFOS)	0.111
Perfluorooctanoic acid (PFOA)	0.251

2SB-02	
2025-10-01	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.211
Perfluorododecanoic acid (PFDoA)	0.101
Perfluoroheptanoic acid (PFHpA)	0.136
Perfluorohexanoic acid (PFHxA)	0.154
Perfluoro-n-butanoic acid (PFBA)	0.223
Perfluorononanoic acid (PFNA)	0.226
Perfluorooctanesulfonic Acid (PFOS)	1.68
Perfluorooctanoic acid (PFOA)	0.37
Perfluoropentanoic acid (PFPeA)	0.258
Perfluoroundecanoic acid (PFUnA)	0.151
PFAS (1633)	**5-7.5**
Perfluorodecanoic acid (PFDA)	0.0356
Perfluoroheptanoic acid (PFHpA)	0.0316
Perfluorohexanoic acid (PFHxA)	0.0437
Perfluorononanoic acid (PFNA)	0.0393
Perfluorooctanesulfonic Acid (PFOS)	0.388
Perfluorooctanoic acid (PFOA)	0.0833
Perfluoropentanoic acid (PFPeA)	0.0738
Perfluoroundecanoic acid (PFUnA)	0.027
PFAS (1633)	**7.5-10**
Perfluorooctanoic acid (PFOA)	0.0344

2SB-03	
2025-10-01	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.0679
Perfluoroheptanoic acid (PFHpA)	0.153
Perfluorohexanoic acid (PFHxA)	0.133
Perfluoro-n-butanoic acid (PFBA)	0.245
Perfluorononanoic acid (PFNA)	0.143
Perfluorooctanesulfonic Acid (PFOS)	0.893
Perfluorooctanoic acid (PFOA)	0.851
Perfluoropentanoic acid (PFPeA)	0.264
Perfluoroundecanoic acid (PFUnA)	0.0646
PFAS (1633)	**10-12.5**
Perfluorooctanoic acid (PFOA)	0.0345
PFAS (1633)	**12.5-15**
Perfluorooctanoic acid (PFOA)	0.0278

2SB-04	
2025-10-01	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.104
Perfluoroheptanoic acid (PFHpA)	0.14
Perfluorohexanesulfonic Acid	0.175
Perfluorohexanoic acid (PFHxA)	0.126
Perfluoro-n-butanoic acid (PFBA)	0.176
Perfluorononanoic acid (PFNA)	0.243
Perfluorooctanesulfonic Acid (PFOS)	1.1
Perfluorooctanoic acid (PFOA)	0.768
Perfluoropentanoic acid (PFPeA)	0.158
Perfluoroundecanoic acid (PFUnA)	0.101
PFAS (1633)	**0-5**
Perfluorodecanoic acid (PFDA)	0.0539
Perfluoroheptanoic acid (PFHpA)	0.109
Perfluorohexanesulfonic Acid	0.179
Perfluorohexanoic acid (PFHxA)	0.107
Perfluoro-n-butanoic acid (PFBA)	0.163
Perfluorononanoic acid (PFNA)	0.161
Perfluorooctanesulfonic Acid (PFOS)	1.16
Perfluorooctanoic acid (PFOA)	0.579
Perfluoropentanoic acid (PFPeA)	0.157

2SB-05	
2025-10-01	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.344
Perfluorododecanoic acid (PFDoA)	0.184
Perfluoroheptanoic acid (PFHpA)	0.16
Perfluorohexanesulfonic Acid	0.186
Perfluorohexanoic acid (PFHxA)	0.168
Perfluoro-n-butanoic acid (PFBA)	0.334
Perfluorononanoic acid (PFNA)	0.4
Perfluorooctanesulfonic Acid (PFOS)	1.64
Perfluorooctanoic acid (PFOA)	0.576
Perfluoropentanoic acid (PFPeA)	0.271
Perfluorotetradecanoic acid (PFTA)	0.128
Perfluorotridecanoic acid (PFTrDA)	0.189
Perfluoroundecanoic acid (PFUnA)	0.353
PFAS (1633)	**5-7**
Perfluoroheptanoic acid (PFHpA)	0.0559
Perfluorohexanesulfonic Acid	0.153
Perfluorohexanoic acid (PFHxA)	0.0422
Perfluorooctanesulfonic Acid (PFOS)	0.144
Perfluorooctanoic acid (PFOA)	0.108
DUP-20251003	
2025-10-03	
PFAS (1633)	**0-5**
Perfluorooctanesulfonic Acid (PFOS)	0.0984
Perfluorooctanoic acid (PFOA)	0.0981

2SB-06	
2025-10-01	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.431
Perfluorododecanoic acid (PFDoA)	0.246
Perfluoroheptanoic acid (PFHpA)	0.162
Perfluorohexanoic acid (PFHxA)	0.189
Perfluoro-n-butanoic acid (PFBA)	0.404
Perfluorononanoic acid (PFNA)	0.394
Perfluorooctanesulfonic Acid (PFOS)	1.8
Perfluorooctanoic acid (PFOA)	0.5
Perfluoropentanoic acid (PFPeA)	0.305
Perfluorotetradecanoic acid (PFTA)	0.0927
Perfluorotridecanoic acid (PFTrDA)	0.189
Perfluoroundecanoic acid (PFUnA)	0.548
PFAS (1633)	**0-2.5**
Perfluorodecanoic acid (PFDA)	0.0631
Perfluorododecanoic acid (PFDoA)	0.144
Perfluoroheptanoic acid (PFHpA)	0.143
Perfluorohexanoic acid (PFHxA)	0.142
Perfluoro-n-butanoic acid (PFBA)	0.229
Perfluorononanoic acid (PFNA)	0.197
Perfluorooctanesulfonic Acid (PFOS)	0.591
Perfluorooctanoic acid (PFOA)	0.733
Perfluoropentanoic acid (PFPeA)	0.251
Perfluoroundecanoic acid (PFUnA)	0.0483

2SB-07	
2025-10-02	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.087
Perfluoroheptanoic acid (PFHpA)	0.0986
Perfluorohexanoic acid (PFHxA)	0.0804
Perfluorononanoic acid (PFNA)	0.233
Perfluorooctanesulfonic Acid (PFOS)	1
Perfluorooctanoic acid (PFOA)	0.753
Perfluoropentanoic acid (PFPeA)	0.0873
Perfluoroundecanoic acid (PFUnA)	0.0828
PFAS (1633)	**10-15**
1H,1H,2H,2H-	0.337
Perfluoroheptanoic acid (PFHpA)	0.0531
Perfluorohexanoic acid (PFHxA)	0.0494
Perfluorononanoic acid (PFNA)	0.0772
Perfluorooctanesulfonic Acid (PFOS)	0.374
Perfluorooctanoic acid (PFOA)	0.272

2SB-08	
2025-10-02	
PFAS (1633)	**SURF**
NEtFOSAA	0.0968
Perfluorodecanoic acid (PFDA)	0.288
Perfluorododecanoic acid (PFDoA)	0.124
Perfluoroheptanoic acid (PFHpA)	0.187
Perfluorohexanoic acid (PFHxA)	0.151
Perfluoro-n-butanoic acid (PFBA)	0.226
Perfluorononanoic acid (PFNA)	0.511
Perfluorooctanesulfonic Acid (PFOS)	1.81
Perfluorooctanoic acid (PFOA)	1.22
Perfluoropentanoic acid (PFPeA)	0.154
Perfluorotetradecanoic acid (PFTA)	0.0948
Perfluorotridecanoic acid (PFTrDA)	0.117
Perfluoroundecanoic acid (PFUnA)	0.288
PFAS (1633)	**10-12**
Perfluorooctanesulfonic Acid (PFOS)	0.0823
Perfluorooctanoic acid (PFOA)	0.0447

2SB-09	
2025-10-02	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.374
Perfluorododecanoic acid (PFDoA)	0.186
Perfluoroheptanoic acid (PFHpA)	0.204
Perfluorohexanoic acid (PFHxA)	0.189
Perfluoro-n-butanoic acid (PFBA)	0.512
Perfluorononanoic acid (PFNA)	0.43
Perfluorooctanesulfonic Acid (PFOS)	1.54
Perfluorooctanoic acid (PFOA)	0.652
Perfluoropentanoic acid (PFPeA)	0.271
Perfluorotetradecanoic acid (PFTA)	0.111
Perfluorotridecanoic acid (PFTrDA)	0.163
Perfluoroundecanoic acid (PFUnA)	0.421

2SB-10	
2025-10-02	
PFAS (1633)	**SURF**
Perfluoroheptanoic acid (PFHpA)	0.105
Perfluorohexanoic acid (PFHxA)	0.11
Perfluorononanoic acid (PFNA)	0.109
Perfluorooctanesulfonic Acid (PFOS)	1.14
Perfluorooctanoic acid (PFOA)	0.68
Perfluoropentanoic acid (PFPeA)	0.125
PFAS (1633)	**5-7**
Perfluorooctanesulfonic Acid (PFOS)	0.0708
Perfluorooctanoic acid (PFOA)	0.0372

2SB-11	
2025-10-02	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.29
Perfluorododecanoic acid (PFDoA)	0.148
Perfluoroheptanoic acid (PFHpA)	0.189
Perfluorohexanoic acid (PFHxA)	0.174
Perfluoro-n-butanoic acid (PFBA)	0.454
Perfluorononanoic acid (PFNA)	0.334
Perfluorooctanesulfonic Acid (PFOS)	1.2
Perfluorooctanoic acid (PFOA)	0.708
Perfluoropentanoic acid (PFPeA)	0.243
Perfluorotridecanoic acid (PFTrDA)	0.136
Perfluoroundecanoic acid (PFUnA)	0.327
PFAS (1633)	**0-5**
Perfluorohexanesulfonic Acid	0.0107
Perfluorooctanesulfonic Acid (PFOS)	0.0962
Perfluorooctanoic acid (PFOA)	0.0833

2SB-12	
2025-10-02	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.327
Perfluorododecanoic acid (PFDoA)	0.185
Perfluoroheptanoic acid (PFHpA)	0.144
Perfluorohexanesulfonic Acid	0.241
Perfluorohexanoic acid (PFHxA)	0.123
Perfluoro-n-butanoic acid (PFBA)	0.313
Perfluorononanoic acid (PFNA)	0.468
Perfluorooctanesulfonic Acid (PFOS)	1.16
Perfluorooctanoic acid (PFOA)	0.398
Perfluoropentanoic acid (PFPeA)	0.168
Perfluorotridecanoic acid (PFTrDA)	0.171
Perfluoroundecanoic acid (PFUnA)	0.418
PFAS (1633)	**4-6**
Perfluoroheptanoic acid (PFHpA)	0.0492
Perfluorohexanoic acid (PFHxA)	0.0502
Perfluorooctanesulfonic Acid (PFOS)	0.32
Perfluorooctanoic acid (PFOA)	0.379
Perfluoroundecanoic acid (PFUnA)	0.19
PFAS (1633)	**8-10**
Perfluorooctanesulfonic Acid (PFOS)	0.0841

2SB-14	
2025-10-02	
PFAS (1633)	**SURF**
Perfluorodecanoic acid (PFDA)	0.344
Perfluorododecanoic acid (PFDoA)	0.167
Perfluoroheptanoic acid (PFHpA)	0.13
Perfluorohexanoic acid (PFHxA)	0.113
Perfluoro-n-butanoic acid (PFBA)	0.242
Perfluorononanoic acid (PFNA)	0.357
Perfluorooctanesulfonic Acid (PFOS)	1.45
Perfluorooctanoic acid (PFOA)	0.588
Perfluoropentanoic acid (PFPeA)	0.14
Perfluorotridecanoic acid (PFTrDA)	0.123
Perfluoroundecanoic acid (PFUnA)	0.351
PFAS (1633)	**0-5**
Perfluorodecanoic acid (PFDA)	0.0576
Perfluoroheptanoic acid (PFHpA)	0.0605
Perfluorohexanoic acid (PFHxA)	0.06
Perfluorononanoic acid (PFNA)	0.0889
Perfluorooctanesulfonic Acid (PFOS)	0.295
Perfluorooctanoic acid (PFOA)	0.319
Perfluoropentanoic acid (PFPeA)	0.0734
Perfluoroundecanoic acid (PFUnA)	0.0502

2SB-13	
2025-10-02	
PFAS (1633)	**SURF**
1H,1H,2H,2H-	0.126
Perfluorodecanoic acid (PFDA)	0.232
Perfluorododecanoic acid (PFDoA)	0.112
Perfluoroheptanoic acid (PFHpA)	0.154
Perfluorohexanoic acid (PFHxA)	0.154
Perfluoro-n-butanoic acid (PFBA)	0.356
Perfluorononanoic acid (PFNA)	0.364
Perfluorooctanesulfonic Acid (PFOS)	1.68
Perfluorooctanoic acid (PFOA)	0.924
Perfluoropentanoic acid (PFPeA)	0.195
Perfluorotridecanoic acid (PFTrDA)	0.109
Perfluoroundecanoic acid (PFUnA)	0.246
PFAS (1633)	**0-5**
Perfluoroheptanoic acid (PFHpA)	0.0519
Perfluorohexanoic acid (PFHxA)	0.0616
Perfluorooctanesulfonic Acid (PFOS)	0.327
Perfluorooctanoic acid (PFOA)	0.436
Perfluoroundecanoic acid (PFUnA)	0.131

2SB-15	
2025-10-03	
PFAS (1633)	**SURF**
Perfluoro-1-decanesulfonic acid	0.0475
Perfluorodecanoic acid (PFDA)	0.313
Perfluorododecanoic acid (PFDoA)	0.134
Perfluoroheptanoic acid (PFHpA)	0.292
Perfluorohexanoic acid (PFHxA)	0.28
Perfluoro-n-butanoic acid (PFBA)	0.733
Perfluorononanoic acid (PFNA)	0.456
Perfluorooctanesulfonic Acid (PFOS)	1.92
Perfluorooctanoic acid (PFOA)	1.12
Perfluoropentanoic acid (PFPeA)	0.316
Perfluorotridecanoic acid (PFTrDA)	0.108
Perfluoroundecanoic acid (PFUnA)	0.31
PFAS (1633)	**0-5**
1H,1H,2H,2H-	0.118
Perfluoroheptanoic acid (PFHpA)	0.0366
Perfluorooctanesulfonic Acid (PFOS)	0.16
Perfluorooctanoic acid (PFOA)	0.18

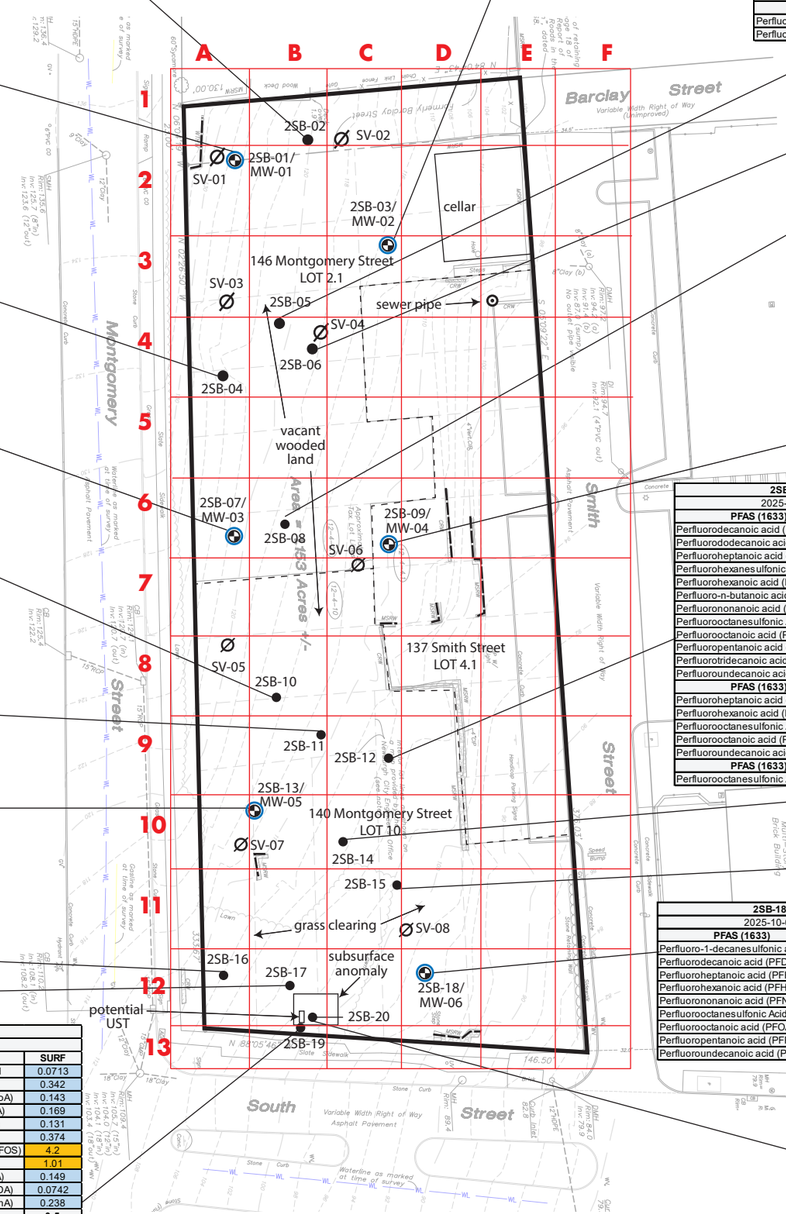
2SB-16	
2025-10-03	
PFAS (1633)	**SURF**
NEtFOSAA	0.2
Perfluoro-1-decanesulfonic acid	0.105
Perfluorodecanoic acid (PFDA)	0.72
Perfluorododecanoic acid (PFDoA)	0.287
Perfluoroheptanoic acid (PFHpA)	0.135
Perfluorohexanoic acid (PFHxA)	0.135
Perfluorononanoic acid (PFNA)	0.386
Perfluorooctanesulfonic Acid (PFOS)	3.05
Perfluorooctanoic acid (PFOA)	0.683
Perfluoropentanoic acid (PFPeA)	0.148
Perfluorotridecanoic acid (PFTrDA)	0.0787
Perfluoroundecanoic acid (PFUnA)	0.31
PFAS (1633)	**10-12**
Perfluorooctanesulfonic Acid (PFOS)	0.197
Perfluorooctanoic acid (PFOA)	0.0798

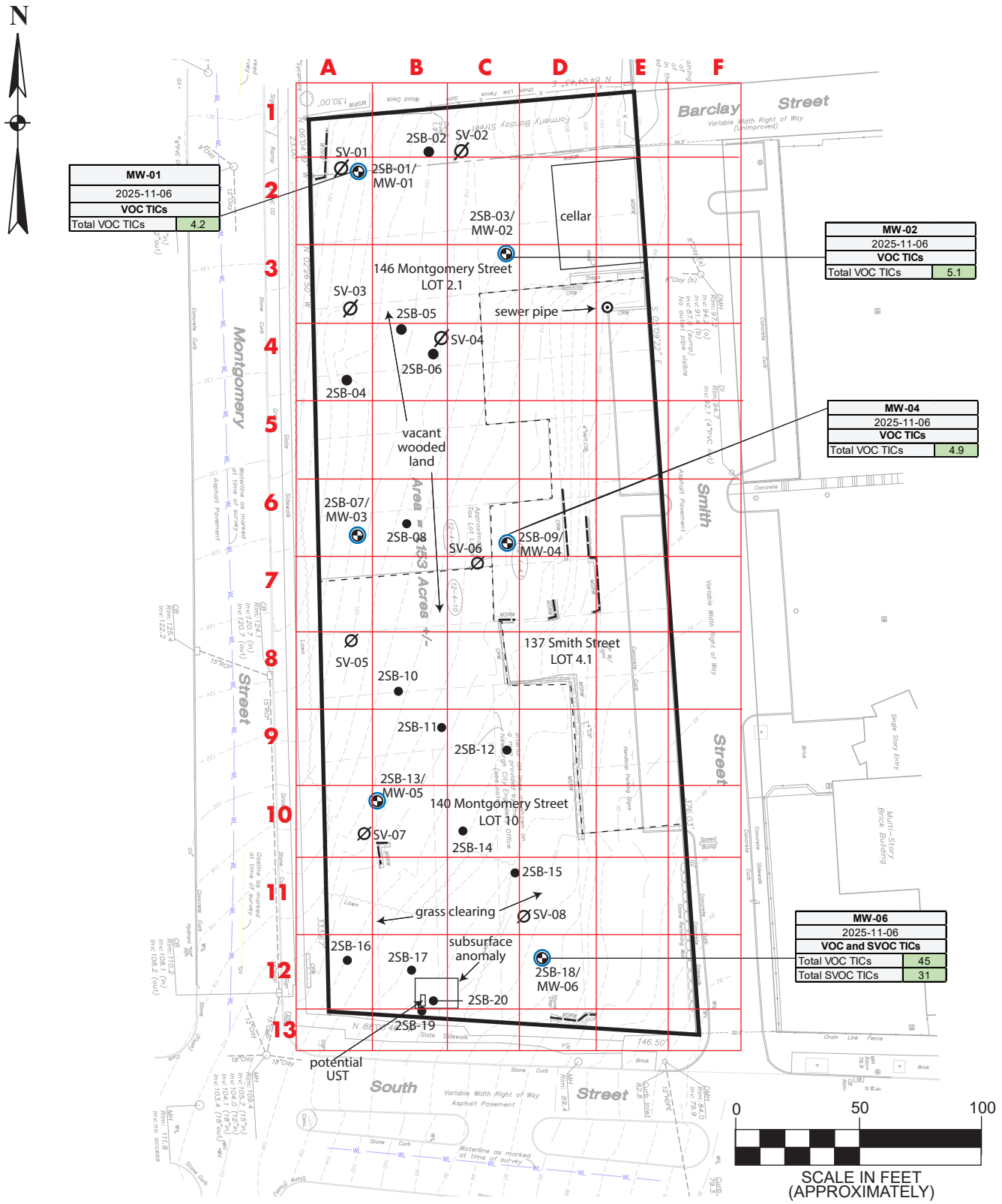
2SB-17	
2025-10-03	
PFAS (1633)	**SURF**
Perfluorooctanesulfonic Acid (PFOS)	0.306
Perfluorooctanoic acid (PFOA)	0.0846
PFAS (1633)	**0-5**
Perfluoroheptanoic acid (PFHpA)	0.0622
Perfluorohexanoic acid (PFHxA)	0.0745
Perfluorooctanesulfonic Acid (PFOS)	0.212
Perfluorooctanoic acid (PFOA)	0.212
PFAS (1633)	**10-12**
Perfluorooctanesulfonic Acid (PFOS)	0.103
Perfluorooctanoic acid (PFOA)	0.0477

2SB-18	
2025-10-03	
PFAS (1633)	**SURF**
Perfluoro-1-decanesulfonic acid	0.0392
Perfluorodecanoic acid (PFDA)	0.135
Perfluoroheptanoic acid (PFHpA)	0.0692
Perfluorohexanoic acid (PFHxA)	0.0688
Perfluorononanoic acid (PFNA)	0.132
Perfluorooctanesulfonic Acid (PFOS)	1.43
Perfluorooctanoic acid (PFOA)	0.258
Perfluoropentanoic acid (PFPeA)	0.0913
Perfluoroundecanoic acid (PFUnA)	0.108

2SB-19	
2025-10-03	
PFAS (1633)	**SURF**
Perfluoro-1-decanesulfonic acid	0.0713
Perfluorodecanoic acid (PFDA)	0.342
Perfluorododecanoic acid (PFDoA)	0.143
Perfluoroheptanoic acid (PFHpA)	0.169
Perfluorohexanoic acid (PFHxA)	0.131
Perfluorononanoic acid (PFNA)	0.374
Perfluorooctanesulfonic Acid (PFOS)	4.2
Perfluorooctanoic acid (PFOA)	1.01
Perfluoropentanoic acid (PFPeA)	0.149
Perfluorotridecanoic acid (PFTrDA)	0.0742
Perfluoroundecanoic acid (PFUnA)	0.238
PFAS (1633)	**0-5**
Perfluorodecanoic acid (PFDA)	0.046
Perfluoroheptanoic acid (PFHpA)	0.106
Perfluorohexanoic acid (PFHxA)	0.109
Perfluorononanoic acid (PFNA)	0.132
Perfluorooctanesulfonic Acid (PFOS)	0.982
Perfluorooctanoic acid (PFOA)	0.548
Perfluoropentanoic acid (PFPeA)	0.118
Perfluorotridecanoic acid (PFTrDA)	0.0529
PFAS (1633)	**10-13**
Perfluoroheptanoic acid (PFHpA)	0.0514
Perfluorohexanoic acid (PFHxA)	0.0519
Perfluorononanoic acid (PFNA)	0.0781
Perfluorooctanesulfonic Acid (PFOS)	0.767
Perfluorooctanoic acid (PFOA)	0.284
DUP2-20251003	
PFAS (1633)	**10-13**
Perfluorononanoic acid (PFNA)	0.0325
Perfluorooctanesulfonic Acid (PFOS)	0.309
Perfluorooctanoic acid (PFOA)	0.113

2SB-20	
2025-10-03	
PFAS (1633)	**SURF**
Perfluoro-1-decanesulfonic acid	0.084
Perfluorodecanoic acid (PFDA)	0.293
Perfluorododecanoic acid (PFDoA)	0.122
Perfluoroheptanoic acid (PFHpA)	0.157
Perfluorohexanoic acid (PFHxA)	0.134
Perfluoro-n-butanoic acid (PFBA)	0.204
Perfluorononanoic acid (PFNA)	0.304
Perfluorooctanesulfonic Acid (PFOS)	2.84
Perfluorooctanoic acid (PFOA)	0.677
Perfluoropentanoic acid (PFPeA)	0.142
Perfluorotridecanoic acid (PFTrDA)	0.0695
Perfluoroundecanoic acid (PFUnA)	0.242
PFAS (1633)	**0-5**
Perfluoroheptanoic acid (PFHpA)	0.0984
Perfluorohexanoic acid (PFHxA)	0.119
Perfluorononanoic acid (PFNA)	0.0466
Perfluorooctanesulfonic Acid (PFOS)	0.671
Perfluorooctanoic acid (PFOA)	0.641
Perfluoropentanoic acid (PFPeA)	0.106
PFAS (1633)	**5-8**
Perfluorooctanesulfonic Acid (PFOS)	0.155
Perfluorooctanoic acid (PFOA)	0.0589


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
10
11
12
13
2SB-01/ MW-01
SV-01
2SB-02
SV-02
2SB-03/ MW-02
cellar
146 Montgomery Street LOT 2.1
SV-03
2SB-05
sewer pipe
SV-04
2SB-06
2SB-04
vacant wooded land
2SB-07/ MW-03
2SB-08
SV-06
2SB-09/ MW-04
Area = 1.53 Acres +/-
137 Smith Street LOT 4.1
SV-05
2SB-10
2SB-11
2SB-12
2SB-13/ MW-05
140 Montgomery Street LOT 10
SV-07
2SB-14
2SB-15
grass clearing
SV-08
2SB-16
2SB-17
subsurface anomaly
2SB-18/ MW-06
potential UST
2SB-20
2SB-19
Barclay Street
Montgomery Street
Smith Street
South Street
Variable Width Right of Way (Unimproved)
Variable Width Right of Way Asphalt Pavement
Waterline as marked at time of survey
Stone Curb
Concrete Curb
Asphalt Pavement
Concrete Sidewalk
Brick Building
Wood Deck
Overhead Wires
Utility Pole
Gas Line
Sewer Line
Water Line
Storm Drain
Manhole
Catch Basin
Inlet
Gas Meter
Electric Meter
Bollard
Guide Rail
Fence
Tree
Shrub
Bush
Flagpole
Sign
Curb Cut
Ramp
Steps
Grass
Gravel
Lawn
Concrete
Brick
Slope
Contour
Elevation
Survey Control Point
Property Line
Lot Line
Right of Way
Easement
Building
Parking Lot
Driveway
Sidewalk
Crosswalk
Pavement
Curb
Gutter
Drainage
Utility
Boundary
Topography
Survey
Control Point
Benchmark
Elevation
Contour
Property
Lot
Right of Way
Easement
Building
Parking



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 9: Groundwater Contamination: VOCs and SVOCs TICs

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

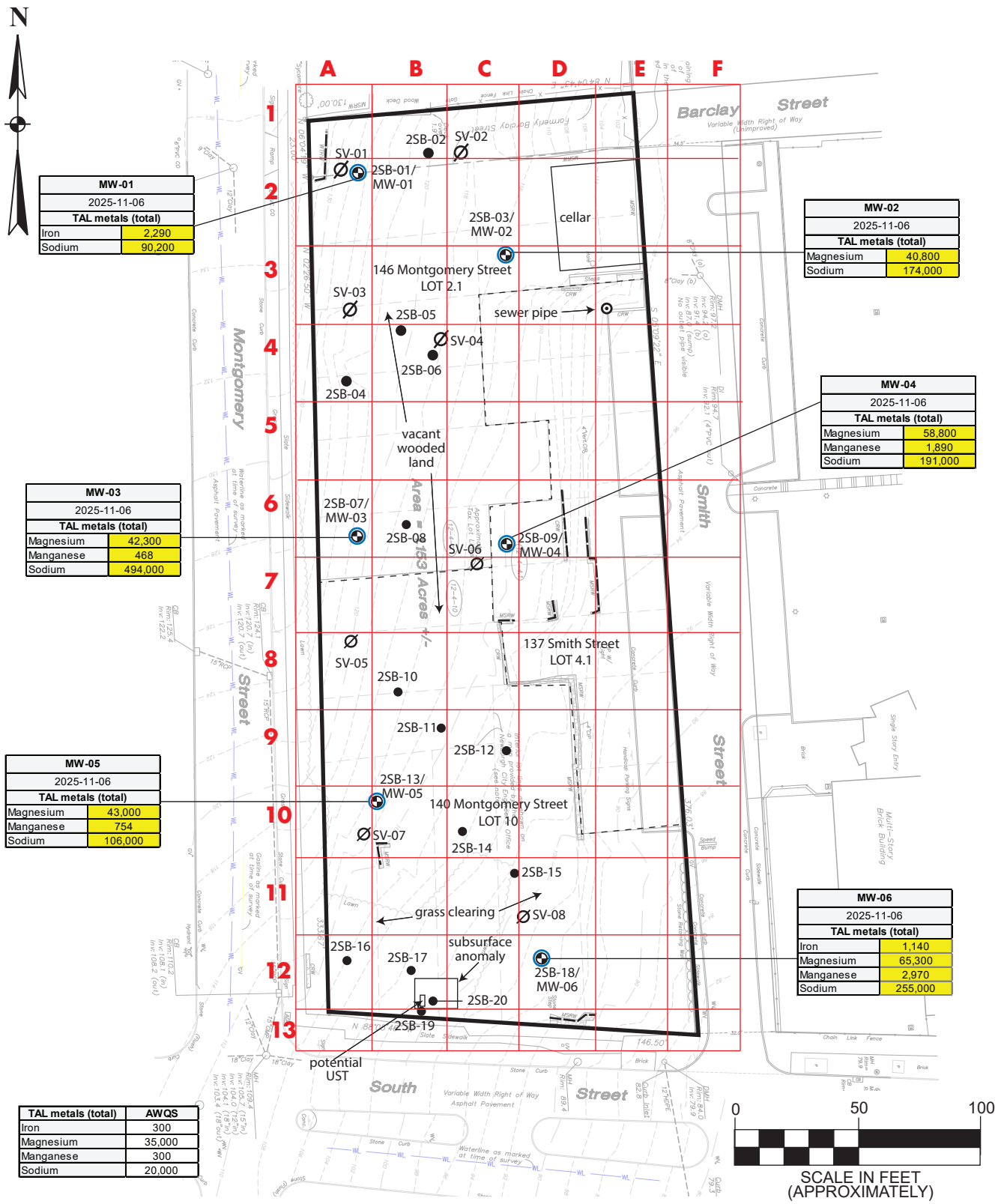
All data in µg/L (ppb)
Detected TICs

File: 22003-0092

December 2025

Scale as shown

Figures



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 10: Groundwater Contamination: TAL Metals

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

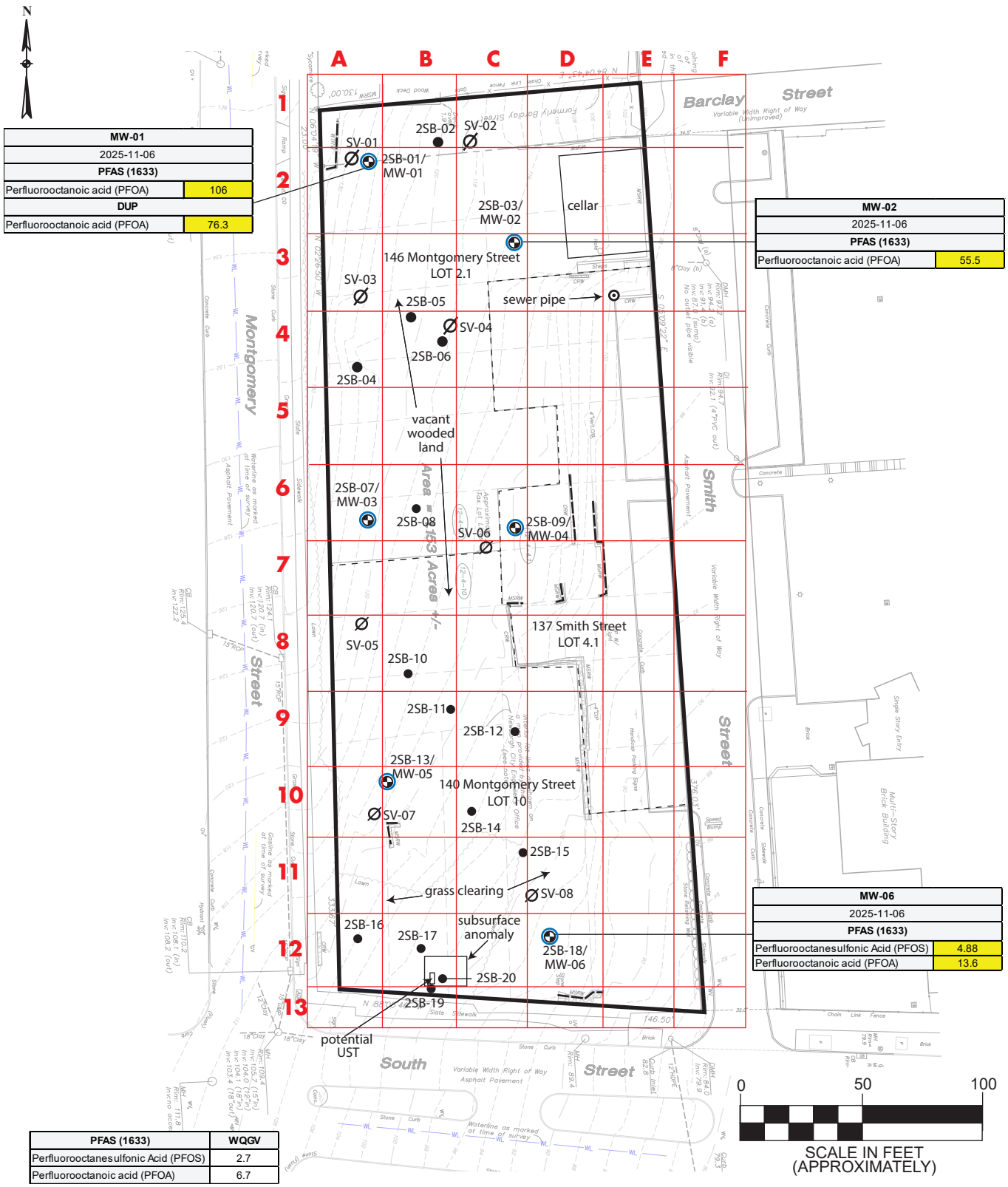
All data in µg/L (ppb)
value > AWQS

File: 22003-0092

December 2025

Scale as shown

Figures



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

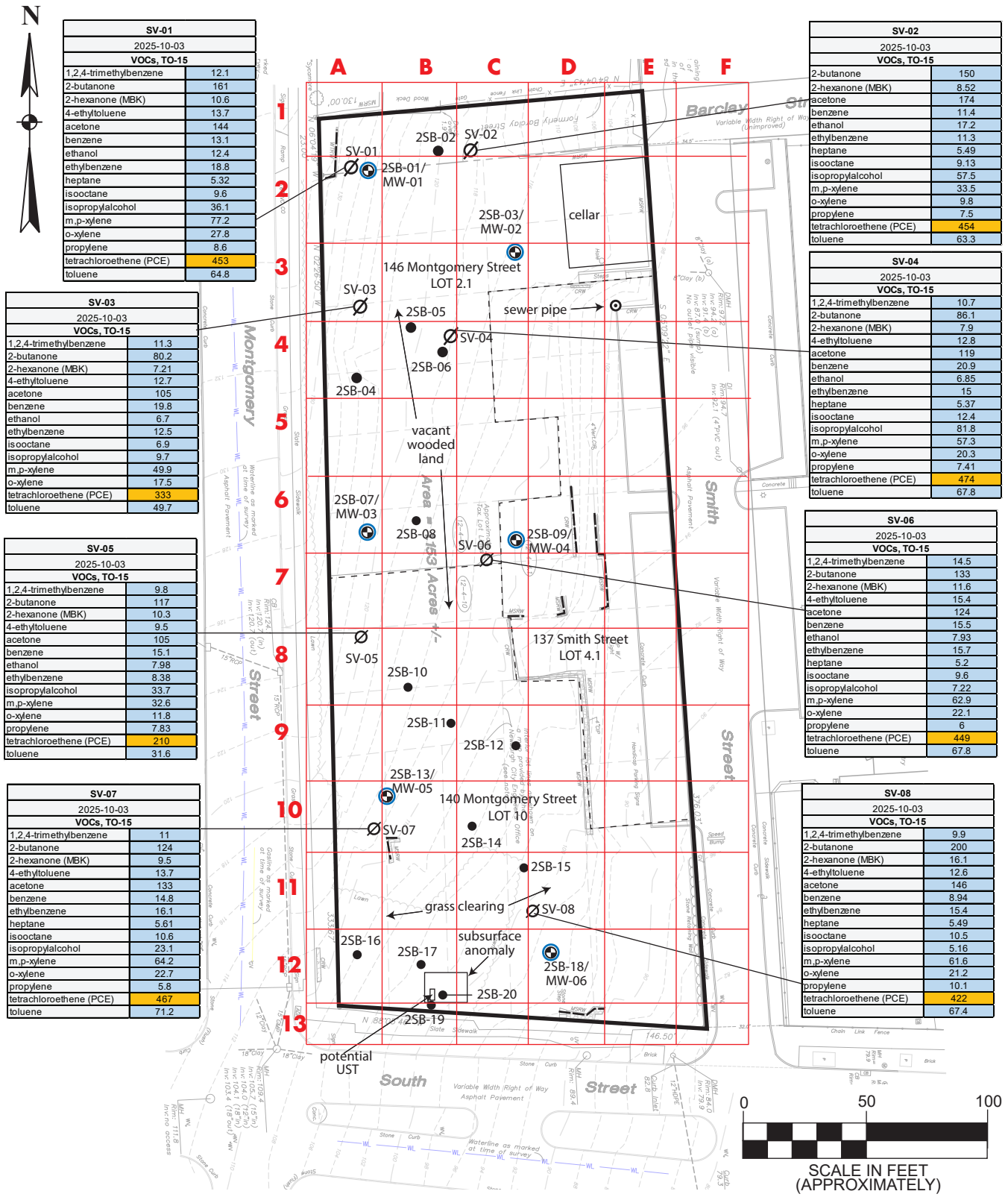
Figure 11: Groundwater Contamination: PFAS

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

All data in ng/L (ppt)
value > WQGV

File: 22003-0092
December 2025
Scale as shown
Figures



SV-01	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	12.1
2-butanone	161
2-hexanone (MBK)	10.6
4-ethyltoluene	13.7
acetone	144
benzene	13.1
ethanol	12.4
ethylbenzene	18.8
heptane	5.32
isooctane	9.6
isopropylalcohol	36.1
m,p-xylene	77.2
o-xylene	27.8
propylene	8.6
tetrachloroethene (PCE)	453
toluene	64.8

SV-02	
2025-10-03	
VOCs, TO-15	
2-butanone	150
2-hexanone (MBK)	8.52
acetone	174
benzene	11.4
ethanol	17.2
ethylbenzene	11.3
heptane	5.49
isooctane	9.13
isopropylalcohol	57.5
m,p-xylene	33.5
o-xylene	9.8
propylene	7.5
tetrachloroethene (PCE)	454
toluene	63.3

SV-03	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	11.3
2-butanone	80.2
2-hexanone (MBK)	7.21
4-ethyltoluene	12.7
acetone	105
benzene	19.8
ethanol	6.7
ethylbenzene	12.5
isooctane	6.9
isopropylalcohol	9.7
m,p-xylene	49.9
o-xylene	17.5
tetrachloroethene (PCE)	333
toluene	49.7

SV-04	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	10.7
2-butanone	86.1
2-hexanone (MBK)	7.9
4-ethyltoluene	12.8
acetone	119
benzene	20.9
ethanol	6.85
ethylbenzene	15
heptane	5.37
isooctane	12.4
isopropylalcohol	81.8
m,p-xylene	57.3
o-xylene	20.3
propylene	7.41
tetrachloroethene (PCE)	474
toluene	67.8

SV-05	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	9.8
2-butanone	117
2-hexanone (MBK)	10.3
4-ethyltoluene	9.5
acetone	105
benzene	15.1
ethanol	7.98
ethylbenzene	8.38
isopropylalcohol	33.7
m,p-xylene	32.6
o-xylene	11.8
propylene	7.83
tetrachloroethene (PCE)	210
toluene	31.6

SV-06	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	14.5
2-butanone	133
2-hexanone (MBK)	11.6
4-ethyltoluene	15.4
acetone	124
benzene	15.5
ethanol	7.93
ethylbenzene	15.7
heptane	5.2
isooctane	9.6
isopropylalcohol	7.22
m,p-xylene	62.9
o-xylene	22.1
propylene	6
tetrachloroethene (PCE)	449
toluene	67.8

SV-07	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	11
2-butanone	124
2-hexanone (MBK)	9.5
4-ethyltoluene	13.7
acetone	133
benzene	14.8
ethylbenzene	16.1
heptane	5.61
isooctane	10.6
isopropylalcohol	23.1
m,p-xylene	64.2
o-xylene	22.7
propylene	5.8
tetrachloroethene (PCE)	467
toluene	71.2

SV-08	
2025-10-03	
VOCs, TO-15	
1,2,4-trimethylbenzene	9.9
2-butanone	200
2-hexanone (MBK)	16.1
4-ethyltoluene	12.6
acetone	146
benzene	8.94
ethylbenzene	15.4
heptane	5.49
isooctane	10.5
isopropylalcohol	5.16
m,p-xylene	61.6
o-xylene	21.2
propylene	10.1
tetrachloroethene (PCE)	422
toluene	67.4

Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 12: Vapor Contamination: VOCs

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- soil sample location
- soil vapor location
- soil sample and monitoring well location

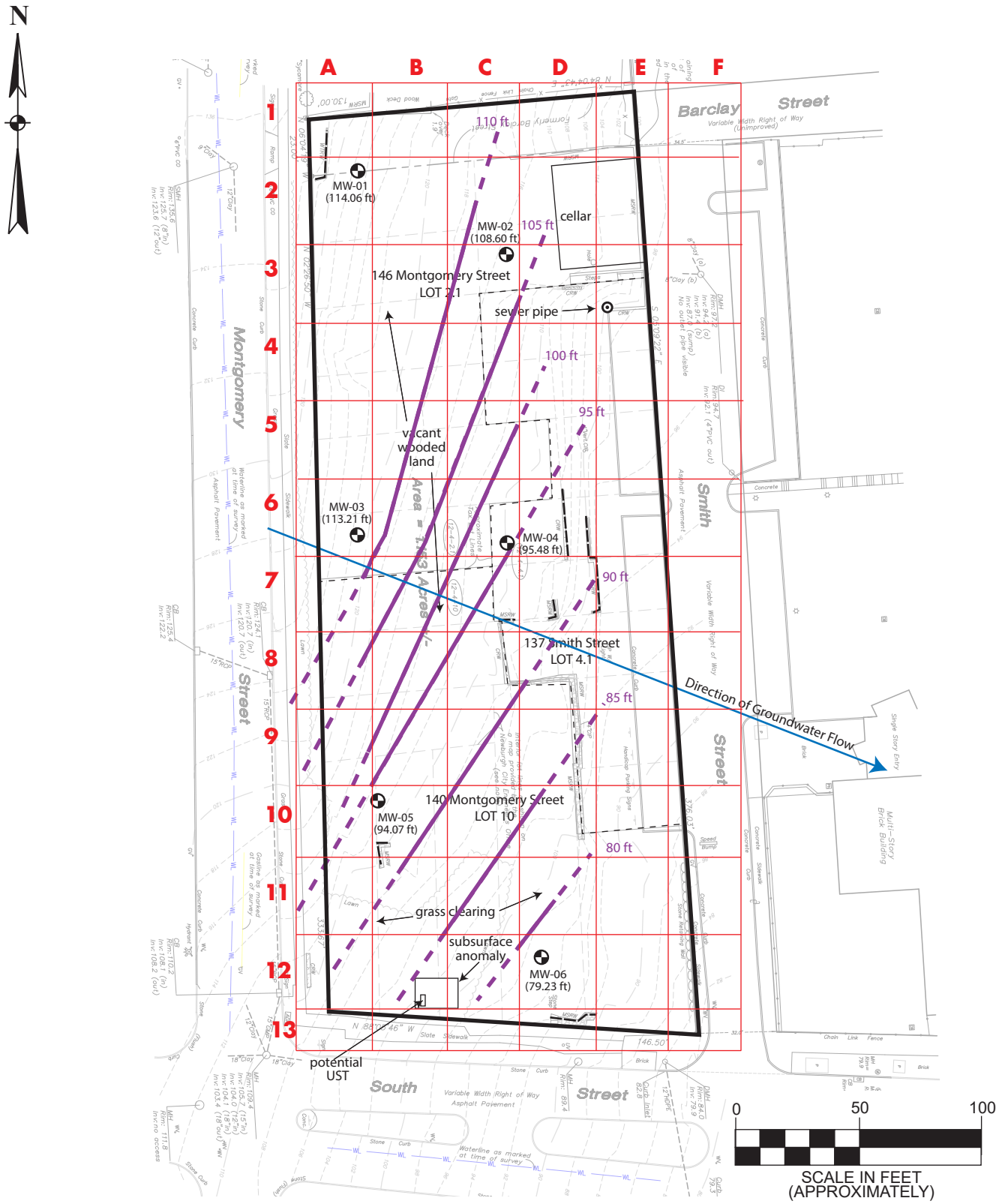
All data in µg/m³
Detected concentrations
Relatively elevated concentrations

File: 22003-0092

December 2025

Scale as shown

Figures



Base Map provided by INSITE Engineering, Surveying & Landscape Architecture P.C. Boundary & Topographic Survey dated 1/19/23.

Figure 13: Direction of Groundwater Flow

The Green - BCP Site No. C336099
City of Newburgh
Orange County, New York

Legend:
- subject property border
- lot lines
- foundation remains
- groundwater contour lines
- monitoring well location
- (#) groundwater elevation

Elevation data (based on December 13, 2025 gauging event) in feet above mean sea level (NAVD88)

File: 22003-0092

December 2025

Scale as shown

Figures

TABLES

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-01 SURF			2SB-01 5-7.5			DUP-20251001			2SB-01 7.5-10			2SB-02 SURF			2SB-02 5-7.5		
U= Not Detected ≥ value			Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,1,2-trichloroethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,1-dichloroethane	0.27	26		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,1-dichloroethylene	0.33	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2,3-Trichloropropane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2-dibromoethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2-dichlorobenzene	1.1	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2-dichloroethane	0.02	3.1		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,2-dichloropropane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,3,5-trimethylbenzene	8.4	52		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,3-dichlorobenzene	2.4	49		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,4-dichlorobenzene	1.8	13		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
1,4-dioxane	0.1	13		0.074	U	1	0.08	U	1	0.072	U	1	0.08	U	1	0.078	U	1	0.078	U	1
2-butanone (MEK)	0.12	100		0.03	U	1	0.035	U	1	0.029	U	1	0.032	U	1	0.035	U	1	0.038	U	1
2-hexanone (MBK)	NA	NA		0.025	U	1	0.03	U	1	0.024	U	1	0.027	U	1	0.029	U	1	0.031	U	1
4-methyl-2-pentanone	NA	NA		0.025	U	1	0.03	U	1	0.024	U	1	0.027	U	1	0.029	U	1	0.031	U	1
acetone	0.05	100		0.049	U	1	0.059	U	1	0.048	U	1	0.053	U	1	0.058	U	1	0.063	U	1
acrolein	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
acrylonitrile	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
benzene	0.06	4.8		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
bromochloromethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
bromodichloromethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
Bromoform	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
bromomethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
carbon disulfide	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
carbon tetrachloride	0.76	2.4		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
chlorobenzene	1.1	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
chloroethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
chloroform	0.37	49		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
chloromethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
cis-1,3-dichloropropylene	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
cyclohexane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
dibromochloromethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
dibromomethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
dichlorodifluoromethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
ethyl benzene	1	41		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
hexachlorobutadiene	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
isopropylbenzene	2.3	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
methyl acetate	NA	NA		0.049	U	1	0.059	U	1	0.048	U	1	0.053	U	1	0.058	U	1	0.063	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.0099	U	1	0.012	U	1	0.0096	U	1	0.011	U	1	0.012	U	1	0.013	U	1
methylcyclohexane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
methylene chloride	0.05	100		0.025	U	1	0.03	U	1	0.024	U	1	0.027	U	1	0.029	U	1	0.031	U	1
n-butylbenzene	12	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
n-propylbenzene	3.9	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
o-xylene	0.26	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
p- & m- xylenes	0.26	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
p-isopropyltoluene	10	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
sec-butylbenzene	11	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
styrene	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
tert-butyl alcohol	NA	NA		0.049	U	1	0.059	U	1	0.048	U	1	0.053	U	1	0.058	U	1	0.063	U	1
tert-butylbenzene	5.9	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
tetrachloroethylene (PCE)	1.3	19		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
toluene	0.7	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
trans-1,3-dichloropropylene	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
trichloroethylene (TCE)	0.47	21		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
trichlorofluoromethane	NA	NA		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
vinyl chloride (VC)	0.02	0.9		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1
xylenes, total	0.26	100		0.0049	U	1	0.0059	U	1	0.0048	U	1	0.0053	U	1	0.0058	U	1	0.0063	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			**Sample**	**2SB-02 7.5-10**			**2SB-03 SURF**			**2SB-03 10-12.5**			**2SB-03 12.5-15**			**2SB-04 SURF**			**2SB-04 0-5**		
U= Not Detected ≥ value			Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,1,2-trichloroethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,1-dichloroethane	0.27	26		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,1-dichloroethylene	0.33	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2,3-Trichloropropane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2-dibromoethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2-dichlorobenzene	1.1	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2-dichloroethane	0.02	3.1		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,2-dichloropropane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,3,5-trimethylbenzene	8.4	52		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,3-dichlorobenzene	2.4	49		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,4-dichlorobenzene	1.8	13		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
1,4-dioxane	0.1	13		0.078	U	1	0.077	U	1	0.072	U	1	0.064	U	1	0.079	U	1	0.076	U	1
2-butanone (MEK)	0.12	100		0.031	U	1	0.036	U	1	0.029	U	1	0.026	U	1	0.037	U	1	0.041	U	1
2-hexanone (MBK)	NA	NA		0.026	U	1	0.03	U	1	0.024	U	1	0.021	U	1	0.031	U	1	0.034	U	1
4-methyl-2-pentanone	NA	NA		0.026	U	1	0.03	U	1	0.024	U	1	0.021	U	1	0.031	U	1	0.034	U	1
acetone	0.05	100		0.052	U	1	0.059	U	1	0.048	U	1	0.043	U	1	0.062	U	1	0.069	U	1
acrolein	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
acrylonitrile	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
benzene	0.06	4.8		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
bromochloromethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
bromodichloromethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
Bromoform	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
bromomethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
carbon disulfide	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
carbon tetrachloride	0.76	2.4		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
chlorobenzene	1.1	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
chloroethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
chloroform	0.37	49		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
chloromethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
cis-1,3-dichloropropylene	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
cyclohexane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
dibromochloromethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
dibromomethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
dichlorodifluoromethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
ethyl benzene	1	41		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
hexachlorobutadiene	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
isopropylbenzene	2.3	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
methyl acetate	NA	NA		0.052	U	1	0.059	U	1	0.048	U	1	0.043	U	1	0.062	U	1	0.069	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.01	U	1	0.012	U	1	0.0095	U	1	0.0085	U	1	0.012	U	1	0.014	U	1
methylcyclohexane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
methylene chloride	0.05	100		0.026	U	1	0.03	U	1	0.024	U	1	0.021	U	1	0.031	U	1	0.034	U	1
n-butylbenzene	12	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
n-propylbenzene	3.9	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
o-xylene	0.26	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
p- & m- xylenes	0.26	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
p-isopropyltoluene	10	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
sec-butylbenzene	11	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
styrene	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
tert-butyl alcohol	NA	NA		0.052	U	1	0.059	U	1	0.048	U	1	0.043	U	1	0.062	U	1	0.069	U	1
tert-butylbenzene	5.9	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
tetrachloroethylene (PCE)	1.3	19		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
toluene	0.7	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
trans-1,3-dichloropropylene	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
trichloroethylene (TCE)	0.47	21		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
trichlorofluoromethane	NA	NA		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
vinyl chloride (VC)	0.02	0.9		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1
xylenes, total	0.26	100		0.0052	U	1	0.0059	U	1	0.0048	U	1	0.0043	U	1	0.0062	U	1	0.0069	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			**Sample**	**2SB-04 10-15**			**2SB-05 SURF**			**2SB-05 5-7**			**2SB-06 SURF**			**2SB-06 0-2.5**			**2SB-06 7.5-10**		
U= Not Detected ≥ value			Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,1,2-trichloroethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,1-dichloroethane	0.27	26		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,1-dichloroethylene	0.33	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2,3-Trichloropropane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2-dibromoethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2-dichlorobenzene	1.1	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2-dichloroethane	0.02	3.1		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,2-dichloropropane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,3,5-trimethylbenzene	8.4	52		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,3-dichlorobenzene	2.4	49		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,4-dichlorobenzene	1.8	13		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
1,4-dioxane	0.1	13		0.064	U	1	0.083	U	1	0.071	U	1	0.095	U	1	0.075	U	1	0.059	U	1
2-butanone (MEK)	0.12	100		0.026	U	1	0.038	U	1	0.028	U	1	0.047	U	1	0.038	U	1	0.024	U	1
2-hexanone (MBK)	NA	NA		0.021	U	1	0.031	U	1	0.024	U	1	0.039	U	1	0.031	U	1	0.02	U	1
4-methyl-2-pentanone	NA	NA		0.021	U	1	0.031	U	1	0.024	U	1	0.039	U	1	0.031	U	1	0.02	U	1
acetone	0.05	100		0.043	U	1	0.063	U	1	0.047	U	1	0.078	U	1	0.063	U	1	0.039	U	1
acrolein	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
acrylonitrile	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
benzene	0.06	4.8		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
bromochloromethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
bromodichloromethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
Bromoform	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
bromomethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
carbon disulfide	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
carbon tetrachloride	0.76	2.4		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
chlorobenzene	1.1	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
chloroethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
chloroform	0.37	49		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
chloromethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
cis-1,3-dichloropropylene	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
cyclohexane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
dibromochloromethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
dibromomethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
dichlorodifluoromethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
ethyl benzene	1	41		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
hexachlorobutadiene	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
isopropylbenzene	2.3	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
methyl acetate	NA	NA		0.043	U	1	0.063	U	1	0.047	U	1	0.078	U	1	0.063	U	1	0.039	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.0086	U	1	0.013	U	1	0.0094	U	1	0.016	U	1	0.013	U	1	0.0079	U	1
methylcyclohexane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
methylene chloride	0.05	100		0.021	U	1	0.031	U	1	0.024	U	1	0.039	U	1	0.031	U	1	0.02	U	1
n-butylbenzene	12	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
n-propylbenzene	3.9	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
o-xylene	0.26	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
p- & m- xylenes	0.26	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
p-isopropyltoluene	10	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
sec-butylbenzene	11	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
styrene	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
tert-butyl alcohol	NA	NA		0.043	U	1	0.063	U	1	0.047	U	1	0.078	U	1	0.063	U	1	0.039	U	1
tert-butylbenzene	5.9	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
tetrachloroethylene (PCE)	1.3	19		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
toluene	0.7	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
trans-1,3-dichloropropylene	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
trichloroethylene (TCE)	0.47	21		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
trichlorofluoromethane	NA	NA		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
vinyl chloride (VC)	0.02	0.9		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1
xylenes, total	0.26	100		0.0043	U	1	0.0063	U	1	0.0047	U	1	0.0078	U	1	0.0063	U	1	0.0039	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			**Sample**	**2SB-07 SURF**			**2SB-07 10-15**			**2SB-08 SURF**			**2SB-08 8-10**			**2SB-08 10-12**			**2SB-09 SURF**		
U= Not Detected ≥ value			Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,1,2-trichloroethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,1-dichloroethane	0.27	26		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,1-dichloroethylene	0.33	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2,3-Trichloropropane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2-dibromoethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2-dichlorobenzene	1.1	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2-dichloroethane	0.02	3.1		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,2-dichloropropane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,3,5-trimethylbenzene	8.4	52		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,3-dichlorobenzene	2.4	49		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,4-dichlorobenzene	1.8	13		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
1,4-dioxane	0.1	13		0.1	U	1	0.067	U	1	0.1	U	1	0.066	U	1	0.063	U	1	0.1	U	1
2-butanone (MEK)	0.12	100		0.041	U	1	0.027	U	1	0.041	U	1	0.027	U	1	0.025	U	1	0.041	U	1
2-hexanone (MBK)	NA	NA		0.034	U	1	0.022	U	1	0.034	U	1	0.022	U	1	0.021	U	1	0.034	U	1
4-methyl-2-pentanone	NA	NA		0.034	U	1	0.022	U	1	0.034	U	1	0.022	U	1	0.021	U	1	0.034	U	1
acetone	0.05	100		0.068	U	1	0.018	JS	1	0.068	U	1	0.044	U	1	0.042	U	1	0.068	U	1
acrolein	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
acrylonitrile	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
benzene	0.06	4.8		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
bromochloromethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
bromodichloromethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
Bromoform	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
bromomethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
carbon disulfide	NA	NA		0.0068	U	1	0.0034	J	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
carbon tetrachloride	0.76	2.4		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
chlorobenzene	1.1	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
chloroethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
chloroform	0.37	49		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
chloromethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
cis-1,3-dichloropropylene	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
cyclohexane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
dibromochloromethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
dibromomethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
dichlorodifluoromethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
ethyl benzene	1	41		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
hexachlorobutadiene	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
isopropylbenzene	2.3	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
methyl acetate	NA	NA		0.068	U	1	0.045	U	1	0.068	U	1	0.044	U	1	0.042	U	1	0.068	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.014	U	1	0.009	U	1	0.014	U	1	0.0089	U	1	0.0084	U	1	0.014	U	1
methylcyclohexane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
methylene chloride	0.05	100		0.034	U	1	0.022	U	1	0.034	U	1	0.022	U	1	0.021	U	1	0.034	U	1
n-butylbenzene	12	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
n-propylbenzene	3.9	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
o-xylene	0.26	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
p- & m- xylenes	0.26	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
p-isopropyltoluene	10	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
sec-butylbenzene	11	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
styrene	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
tert-butyl alcohol	NA	NA		0.068	U	1	0.045	U	1	0.068	U	1	0.044	U	1	0.042	U	1	0.068	U	1
tert-butylbenzene	5.9	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
tetrachloroethylene (PCE)	1.3	19		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
toluene	0.7	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
trans-1,3-dichloropropylene	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
trichloroethylene (TCE)	0.47	21		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
trichlorofluoromethane	NA	NA		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
vinyl chloride (VC)	0.02	0.9		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1
xylenes, total	0.26	100		0.0068	U	1	0.0045	U	1	0.0068	U	1	0.0044	U	1	0.0042	U	1	0.0068	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-09 10-12.5			2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
U= Not Detected ≥ value			Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,1,2-trichloroethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,1-dichloroethane	0.27	26		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,1-dichloroethylene	0.33	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2,3-Trichloropropane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2-dibromoethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2-dichlorobenzene	1.1	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2-dichloroethane	0.02	3.1		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,2-dichloropropane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,3,5-trimethylbenzene	8.4	52		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,3-dichlorobenzene	2.4	49		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,4-dichlorobenzene	1.8	13		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
1,4-dioxane	0.1	13		0.068	U	1	0.08	U	1	0.091	U	1	0.077	U	1	0.071	U	1	0.11	U	1
2-butanone (MEK)	0.12	100		0.027	U	1	0.032	U	1	0.036	U	1	0.031	U	1	0.028	U	1	0.044	U	1
2-hexanone (MBK)	NA	NA		0.023	U	1	0.027	U	1	0.03	U	1	0.026	U	1	0.024	U	1	0.037	U	1
4-methyl-2-pentanone	NA	NA		0.023	U	1	0.027	U	1	0.03	U	1	0.026	U	1	0.024	U	1	0.037	U	1
acetone	0.05	100		0.046	U	1	0.053	U	1	0.061	U	1	0.051	U	1	0.047	U	1	0.074	U	1
acrolein	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
acrylonitrile	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
benzene	0.06	4.8		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
bromochloromethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
bromodichloromethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
Bromoform	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
bromomethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
carbon disulfide	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
carbon tetrachloride	0.76	2.4		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
chlorobenzene	1.1	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
chloroethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
chloroform	0.37	49		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
chloromethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
cis-1,3-dichloropropylene	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
cyclohexane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
dibromochloromethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
dibromomethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
dichlorodifluoromethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
ethyl benzene	1	41		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
hexachlorobutadiene	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
isopropylbenzene	2.3	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
methyl acetate	NA	NA		0.046	U	1	0.053	U	1	0.061	U	1	0.051	U	1	0.047	U	1	0.074	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.0091	U	1	0.011	U	1	0.012	U	1	0.01	U	1	0.0095	U	1	0.015	U	1
methylcyclohexane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
methylene chloride	0.05	100		0.023	U	1	0.027	U	1	0.03	U	1	0.026	U	1	0.024	U	1	0.037	U	1
n-butylbenzene	12	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
n-propylbenzene	3.9	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
o-xylene	0.26	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
p- & m- xylenes	0.26	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
p-isopropyltoluene	10	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
sec-butylbenzene	11	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
styrene	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
tert-butyl alcohol	NA	NA		0.046	U	1	0.053	U	1	0.061	U	1	0.051	U	1	0.047	U	1	0.074	U	1
tert-butylbenzene	5.9	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
tetrachloroethylene (PCE)	1.3	19		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
toluene	0.7	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
trans-1,3-dichloropropylene	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
trichloroethylene (TCE)	0.47	21		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
trichlorofluoromethane	NA	NA		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
vinyl chloride (VC)	0.02	0.9		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1
xylenes, total	0.26	100		0.0046	U	1	0.0053	U	1	0.0061	U	1	0.0051	U	1	0.0047	U	1	0.0074	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			**Sample**	**2SB-11 0-5**			**2SB-11 13-15**			**2SB-12 SURF**			**2SB-12 4-6**			**2SB-12 8-10**			**2SB-13 SURF**		
U= Not Detected ≥ value			Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,1,2-trichloroethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,1-dichloroethane	0.27	26		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,1-dichloroethylene	0.33	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,2,3-Trichloropropane	NA	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,2,4-Trichlorobenzene	NA	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,2,4-Trimethylbenzene	3.6	52		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,2-Dibromo-3-chloropropane	NA	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,2-dibromoethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,2-dichlorobenzene	1.1	100		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,2-dichloroethane	0.02	3.1		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,2-dichloropropane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
1,3,5-trimethylbenzene	8.4	52		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,3-dichlorobenzene	2.4	49		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,4-dichlorobenzene	1.8	13		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
1,4-dioxane	0.1	13		0.074	U	1	0.073	U	1	0.13	U	1	0.1	U	1	0.081	U	1	0.11	U	1
2-butanone (MEK)	0.12	100		0.03	U	1	0.029	U	1	0.054	U	1	0.042	U	1	0.032	U	1	0.046	U	1
2-hexanone (MBK)	NA	NA		0.025	U	1	0.024	U	1	0.045	U	1	0.035	U	1	0.027	U	1	0.038	U	1
4-methyl-2-pentanone	NA	NA		0.025	U	1	0.024	U	1	0.045	U	1	0.035	U	1	0.027	U	1	0.038	U	1
acetone	0.05	100		0.049	U	1	0.048	U	1	0.089	U	1	0.069	U	1	0.054	U	1	0.076	U	1
acrolein	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
acrylonitrile	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
benzene	0.06	4.8		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
bromochloromethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
bromodichloromethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
Bromoform	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
bromomethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
carbon disulfide	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
carbon tetrachloride	0.76	2.4		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
chlorobenzene	1.1	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
chloroethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
chloroform	0.37	49		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
chloromethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
cis-1,3-dichloropropylene	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
cyclohexane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
dibromochloromethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
dibromomethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
dichlorodifluoromethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
ethyl benzene	1	41		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
hexachlorobutadiene	NA	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
isopropylbenzene	2.3	100		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
methyl acetate	NA	NA		0.049	U	1	0.048	U	1	0.089	U	1	0.069	U	1	0.054	U	1	0.076	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.0099	U	1	0.0097	U	1	0.018	U	1	0.014	U	1	0.011	U	1	0.015	U	1
methylcyclohexane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
methylene chloride	0.05	100		0.025	U	1	0.024	U	1	0.045	U	1	0.035	U	1	0.027	U	1	0.038	U	1
n-butylbenzene	12	100		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
n-propylbenzene	3.9	100		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
o-xylene	0.26	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
p- & m- xylenes	0.26	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
p-isopropyltoluene	10	NA		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
sec-butylbenzene	11	100		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
styrene	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
tert-butyl alcohol	NA	NA		0.049	U	1	0.048	U	1	0.089	U	1	0.069	U	1	0.054	U	1	0.076	U	1
tert-butylbenzene	5.9	100		0.0049	U	1	0.0048	U	1	0.57	U	50	0.0069	U	1	0.0054	U	1	0.42	U	50
tetrachloroethylene (PCE)	1.3	19		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
toluene	0.7	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
trans-1,3-dichloropropylene	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
trichloroethylene (TCE)	0.47	21		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
trichlorofluoromethane	NA	NA		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
vinyl chloride (VC)	0.02	0.9		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1
xylenes, total	0.26	100		0.0049	U	1	0.0048	U	1	0.0089	U	1	0.0069	U	1	0.0054	U	1	0.0076	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-13 0-5			2SB-13 8-10			2SB-14 SURF			2SB-14 0-5			2SB-14 10-12.5			2SB-15 SURF		
U= Not Detected ≥ value			Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-03		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,1,2-trichloroethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,1-dichloroethane	0.27	26		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,1-dichloroethylene	0.33	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2,3-Trichloropropane	NA	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2-dibromoethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2-dichlorobenzene	1.1	100		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2-dichloroethane	0.02	3.1		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,2-dichloropropane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,3,5-trimethylbenzene	8.4	52		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,3-dichlorobenzene	2.4	49		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,4-dichlorobenzene	1.8	13		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
1,4-dioxane	0.1	13		0.095	U	1	0.087	U	1	0.11	U	1	0.088	U	1	0.076	U	1	0.11	U	1
2-butanone (MEK)	0.12	100		0.038	U	1	0.035	U	1	0.044	U	1	0.035	U	1	0.03	U	1	0.044	U	1
2-hexanone (MBK)	NA	NA		0.032	U	1	0.029	U	1	0.037	U	1	0.029	U	1	0.025	U	1	0.037	U	1
4-methyl-2-pentanone	NA	NA		0.032	U	1	0.029	U	1	0.037	U	1	0.029	U	1	0.025	U	1	0.037	U	1
acetone	0.05	100		0.063	U	1	0.058	U	1	0.074	U	1	0.059	U	1	0.051	U	1	0.073	U	1
acrolein	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
acrylonitrile	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
benzene	0.06	4.8		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
bromochloromethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
bromodichloromethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
Bromoform	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
bromomethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
carbon disulfide	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
carbon tetrachloride	0.76	2.4		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
chlorobenzene	1.1	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
chloroethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
chloroform	0.37	49		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
chloromethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
cis-1,3-dichloropropylene	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
cyclohexane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
dibromochloromethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
dibromomethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
dichlorodifluoromethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
ethyl benzene	1	41		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
hexachlorobutadiene	NA	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
isopropylbenzene	2.3	100		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
methyl acetate	NA	NA		0.063	U	1	0.058	U	1	0.074	U	1	0.059	U	1	0.051	U	1	0.073	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.013	U	1	0.012	U	1	0.015	U	1	0.012	U	1	0.01	U	1	0.015	U	1
methylcyclohexane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
methylene chloride	0.05	100		0.032	U	1	0.029	U	1	0.037	U	1	0.029	U	1	0.025	U	1	0.037	U	1
n-butylbenzene	12	100		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
n-propylbenzene	3.9	100		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
o-xylene	0.26	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
p- & m- xylenes	0.26	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
p-isopropyltoluene	10	NA		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
sec-butylbenzene	11	100		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
styrene	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
tert-butyl alcohol	NA	NA		0.063	U	1	0.058	U	1	0.074	U	1	0.059	U	1	0.051	U	1	0.073	U	1
tert-butylbenzene	5.9	100		0.0063	U	1	0.0058	U	1	0.42	U	50	0.0059	U	1	0.0051	U	1	0.0073	U	1
tetrachloroethylene (PCE)	1.3	19		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
toluene	0.7	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
trans-1,3-dichloropropylene	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
trichloroethylene (TCE)	0.47	21		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
trichlorofluoromethane	NA	NA		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
vinyl chloride (VC)	0.02	0.9		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1
xylenes, total	0.26	100		0.0063	U	1	0.0058	U	1	0.0074	U	1	0.0059	U	1	0.0051	U	1	0.0073	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			**Sample**	**2SB-15 0-5**			**DUP-20251003**			**2SB-15 10-12**			**2SB-16 SURF**			**2SB-16 10-12**			**2SB-17 SURF**		
U= Not Detected ≥ value			Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,1,2-trichloroethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,1-dichloroethane	0.27	26		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,1-dichloroethylene	0.33	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,2,3-Trichloropropane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,2-dibromoethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,2-dichlorobenzene	1.1	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,2-dichloroethane	0.02	3.1		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,2-dichloropropane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
1,3,5-trimethylbenzene	8.4	52		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,3-dichlorobenzene	2.4	49		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,4-dichlorobenzene	1.8	13		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
1,4-dioxane	0.1	13		0.091	U	1	0.081	U	1	0.087	U	1	0.1	U	1	0.088	U	1	0.097	U	1
2-butanone (MEK)	0.12	100		0.036	U	1	0.032	U	1	0.035	U	1	0.04	U	1	0.035	U	1	0.0073	J	1
2-hexanone (MBK)	NA	NA		0.03	U	1	0.027	U	1	0.029	U	1	0.033	U	1	0.029	U	1	0.032	U	1
4-methyl-2-pentanone	NA	NA		0.03	U	1	0.027	U	1	0.029	U	1	0.033	U	1	0.029	U	1	0.032	U	1
acetone	0.05	100		0.061	U	1	0.054	U	1	0.058	U	1	0.066	U	1	0.059	U	1	0.079	S	1
acrolein	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
acrylonitrile	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
benzene	0.06	4.8		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
bromochloromethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
bromodichloromethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
Bromoform	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
bromomethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
carbon disulfide	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
carbon tetrachloride	0.76	2.4		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
chlorobenzene	1.1	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
chloroethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
chloroform	0.37	49		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
chloromethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
cis-1,3-dichloropropylene	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
cyclohexane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
dibromochloromethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
dibromomethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
dichlorodifluoromethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
ethyl benzene	1	41		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
hexachlorobutadiene	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
isopropylbenzene	2.3	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
methyl acetate	NA	NA		0.061	U	1	0.054	U	1	0.058	U	1	0.066	U	1	0.059	U	1	0.065	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.012	U	1	0.011	U	1	0.012	U	1	0.013	U	1	0.012	U	1	0.013	U	1
methylcyclohexane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
methylene chloride	0.05	100		0.03	U	1	0.027	U	1	0.029	U	1	0.033	U	1	0.029	U	1	0.032	U	1
n-butylbenzene	12	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
n-propylbenzene	3.9	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
o-xylene	0.26	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
p- & m- xylenes	0.26	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
p-isopropyltoluene	10	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
sec-butylbenzene	11	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
styrene	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
tert-butyl alcohol	NA	NA		0.061	U	1	0.054	U	1	0.058	U	1	0.066	U	1	0.059	U	1	0.065	U	1
tert-butylbenzene	5.9	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.38	U	50	0.33	U	50	0.0065	U	1
tetrachloroethylene (PCE)	1.3	19		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
toluene	0.7	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
trans-1,3-dichloropropylene	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
trichloroethylene (TCE)	0.47	21		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
trichlorofluoromethane	NA	NA		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
vinyl chloride (VC)	0.02	0.9		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1
xylenes, total	0.26	100		0.0061	U	1	0.0054	U	1	0.0058	U	1	0.0066	U	1	0.0059	U	1	0.0065	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			**Sample**	**2SB-17 0-5**			**2SB-17 10-12**			**2SB-18 SURF**			**2SB-18 10-15**			**2SB-19 SURF**			**2SB-19 0-5**		
U= Not Detected ≥ value			Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,1,2-trichloroethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,1-dichloroethane	0.27	26		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,1-dichloroethylene	0.33	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,2,3-Trichloropropane	NA	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,2,4-Trichlorobenzene	NA	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,2,4-Trimethylbenzene	3.6	52		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,2-Dibromo-3-chloropropane	NA	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,2-dibromoethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,2-dichlorobenzene	1.1	100		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,2-dichloroethane	0.02	3.1		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,2-dichloropropane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
1,3,5-trimethylbenzene	8.4	52		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,3-dichlorobenzene	2.4	49		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,4-dichlorobenzene	1.8	13		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
1,4-dioxane	0.1	13		0.085	U	1	0.082	U	1	0.088	U	1	0.09	U	1	0.11	U	1	0.087	U	1
2-butanone (MEK)	0.12	100		0.034	U	1	0.033	U	1	0.035	U	1	0.036	U	1	0.045	U	1	0.035	U	1
2-hexanone (MBK)	NA	NA		0.028	U	1	0.027	U	1	0.029	U	1	0.03	U	1	0.038	U	1	0.029	U	1
4-methyl-2-pentanone	NA	NA		0.028	U	1	0.027	U	1	0.029	U	1	0.03	U	1	0.038	U	1	0.029	U	1
acetone	0.05	100		0.057	U	1	0.055	U	1	0.059	U	1	0.06	U	1	0.075	U	1	0.058	U	1
acrolein	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
acrylonitrile	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
benzene	0.06	4.8		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
bromochloromethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
bromodichloromethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
Bromoform	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
bromomethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
carbon disulfide	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
carbon tetrachloride	0.76	2.4		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
chlorobenzene	1.1	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
chloroethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
chloroform	0.37	49		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
chloromethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
cis-1,3-dichloropropylene	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
cyclohexane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
dibromochloromethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
dibromomethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
dichlorodifluoromethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
ethyl benzene	1	41		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
hexachlorobutadiene	NA	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
isopropylbenzene	2.3	100		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
methyl acetate	NA	NA		0.057	U	1	0.055	U	1	0.059	U	1	0.06	U	1	0.075	U	1	0.058	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.011	U	1	0.011	U	1	0.012	U	1	0.012	U	1	0.015	U	1	0.012	U	1
methylcyclohexane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
methylene chloride	0.05	100		0.028	U	1	0.027	U	1	0.029	U	1	0.03	U	1	0.038	U	1	0.029	U	1
n-butylbenzene	12	100		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
n-propylbenzene	3.9	100		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
o-xylene	0.26	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
p- & m- xylenes	0.26	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
p-isopropyltoluene	10	NA		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
sec-butylbenzene	11	100		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
styrene	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
tert-butyl alcohol	NA	NA		0.057	U	1	0.055	U	1	0.059	U	1	0.06	U	1	0.075	U	1	0.058	U	1
tert-butylbenzene	5.9	100		0.0057	U	1	0.32	U	50	0.31	U	50	0.006	U	1	0.43	U	50	0.32	U	50
tetrachloroethylene (PCE)	1.3	19		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
toluene	0.7	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
trans-1,3-dichloropropylene	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
trichloroethylene (TCE)	0.47	21		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
trichlorofluoromethane	NA	NA		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
vinyl chloride (VC)	0.02	0.9		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1
xylenes, total	0.26	100		0.0057	U	1	0.0055	U	1	0.0059	U	1	0.006	U	1	0.0075	U	1	0.0058	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 1: VOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-19 10-13			DUP2-20251003			2SB-20 SURF			2SB-20 0-5			2SB-20 5-8		
U= Not Detected ≥ value			Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
VOCs (8260)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,1,1-trichloroethane (TCA)	0.68	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,1,2,2-tetrachloroethane	NA	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,1,2-trichloroethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,1-dichloroethane	0.27	26		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,1-dichloroethylene	0.33	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,2,3-Trichlorobenzene	NA	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,2,3-Trichloropropane	NA	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,2,4-Trichlorobenzene	NA	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,2,4-Trimethylbenzene	3.6	52		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,2-Dibromo-3-chloropropane	NA	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,2-dibromoethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,2-dichlorobenzene	1.1	100		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,2-dichloroethane	0.02	3.1		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,2-dichloropropane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
1,3,5-trimethylbenzene	8.4	52		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,3-dichlorobenzene	2.4	49		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,4-dichlorobenzene	1.8	13		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
1,4-dioxane	0.1	13		0.065	U	1	0.071	U	1	0.099	U	1	0.087	U	1	0.084	U	1
2-butanone (MEK)	0.12	100		0.026	U	1	0.028	U	1	0.039	U	1	0.035	U	1	0.034	U	1
2-hexanone (MBK)	NA	NA		0.022	U	1	0.024	U	1	0.033	U	1	0.029	U	1	0.028	U	1
4-methyl-2-pentanone	NA	NA		0.022	U	1	0.024	U	1	0.033	U	1	0.029	U	1	0.028	U	1
acetone	0.05	100		0.043	U	1	0.047	U	1	0.066	U	1	0.058	U	1	0.056	U	1
acrolein	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
acrylonitrile	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
benzene	0.06	4.8		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
bromochloromethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
bromodichloromethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
Bromoform	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
bromomethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
carbon disulfide	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
carbon tetrachloride	0.76	2.4		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
chlorobenzene	1.1	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
chloroethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
chloroform	0.37	49		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
chloromethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
cis-1,2-dichloroethylene (DCE)	0.25	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
cis-1,3-dichloropropylene	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
cyclohexane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
dibromochloromethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
dibromomethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
dichlorodifluoromethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
ethyl benzene	1	41		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
hexachlorobutadiene	NA	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
isopropylbenzene	2.3	100		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
methyl acetate	NA	NA		0.043	U	1	0.047	U	1	0.066	U	1	0.058	U	1	0.056	U	1
methyl tert-butyl ether (MTBE)	0.93	100		0.0086	U	1	0.0095	U	1	0.013	U	1	0.012	U	1	0.011	U	1
methylcyclohexane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
methylene chloride	0.05	100		0.022	U	1	0.024	U	1	0.033	U	1	0.029	U	1	0.028	U	1
n-butylbenzene	12	100		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
n-propylbenzene	3.9	100		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
o-xylene	0.26	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
p- & m- xylenes	0.26	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
p-isopropyltoluene	10	NA		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
sec-butylbenzene	11	100		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
styrene	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
tert-butyl alcohol	NA	NA		0.043	U	1	0.047	U	1	0.066	U	1	0.058	U	1	0.056	U	1
tert-butylbenzene	5.9	100		0.0043	U	1	0.0047	U	1	0.44	U	50	0.0058	U	1	0.0056	U	1
tetrachloroethylene (PCE)	1.3	19		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
toluene	0.7	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
trans-1,2-dichloroethylene (DCE)	0.19	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
trans-1,3-dichloropropylene	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
trichloroethylene (TCE)	0.47	21		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
trichlorofluoromethane	NA	NA		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
vinyl chloride (VC)	0.02	0.9		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1
xylenes, total	0.26	100		0.0043	U	1	0.0047	U	1	0.0066	U	1	0.0058	U	1	0.0056	U	1

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate, S-lab solvent)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-01 SURF			2SB-01 5-7.5			DUP-20251001			2SB-01 7.5-10			2SB-02 SURF			2SB-02 5-7.5		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
1,2,4-trichlorobenzene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
1,2-dichlorobenzene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
1,3-dichlorobenzene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
1,4-dichlorobenzene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
1,4-dioxane	0.1	13	0.074	U	1	0.08	U	1	0.078	U	1	0.08	U	1	0.078	U	1	0.084	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,4,5-trichlorophenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,4,6-trichlorophenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,4-dichlorophenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,4-dimethylphenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,4-dinitrophenol	NA	NA	0.6	U	1	0.64	U	1	0.61	U	1	0.64	U	1	0.63	U	1	0.62	U	1
2,4-dinitrotoluene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2,6-dinitrotoluene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2-chloronaphthalene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2-chlorophenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2-methylnaphthalene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2-Methylphenol (o-cresol)	0.33	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
2-nitroaniline	NA	NA	0.6	U	1	0.64	U	1	0.61	U	1	0.64	U	1	0.63	U	1	0.62	U	1
2-nitrophenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
3,3'-dichlorobenzidine	NA	NA	0.45	U	1	0.48	U	1	0.46	U	1	0.48	U	1	0.48	U	1	0.47	U	1
3-nitroaniline	NA	NA	0.6	U	1	0.64	U	1	0.61	U	1	0.64	U	1	0.63	U	1	0.62	U	1
4,6-dinitro-2-methylphenol	NA	NA	1.1	U	1	1.2	U	1	1.1	U	1	1.2	U	1	1.2	U	1	1.1	U	1
4-bromophenyl phenyl ether	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
4-chloro-3-methylphenol	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
4-chloroaniline	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
4-chlorophenyl phenyl ether	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
4-nitroaniline	NA	NA	0.6	U	1	0.64	U	1	0.61	U	1	0.64	U	1	0.63	U	1	0.62	U	1
4-nitrophenol	NA	NA	1.1	U	1	1.2	U	1	1.1	U	1	1.2	U	1	1.2	U	1	1.1	U	1
acenaphthene	20	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
acenaphthylene	100	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.25	J	1	0.27	U	1
acetophenone	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
aniline	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
anthracene	100	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.17	J	1	0.27	U	1
atrazine	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
benzaldehyde	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1.1		1	0.27	U	1
benzidine	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
benzo(a)anthracene	1	1	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
benzo(a)pyrene	1	1	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1		1	0.27	U	1
benzo(b)fluoranthene	1	1	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1.6		1	0.27	U	1
benzo(g,h,i)perylene	100	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.53		1	0.27	U	1
benzo(k)fluoranthene	0.8	3.9	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.58		1	0.27	U	1
benzoic acid	NA	NA	0.75	U	1	0.8	U	1	0.76	U	1	0.8	U	1	0.79	U	1	0.78	U	1
benzyl alcohol	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
benzyl butyl phthalate	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
bis(2-chloroethoxy)methane	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
bis(2-chloroethyl)ether	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1.5		1	0.27	U	1
caprolactam	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
carbazole	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
chrysene	1	3.9	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1		1	0.27	U	1
dibenzo(a,h)anthracene	0.33	0.33	0.19	U	1	0.2	U	1	0.19	U	1	0.2	U	1	0.13	J	1	0.19	U	1
dibenzofuran	7	59	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
diethyl phthalate	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
dimethyl phthalate	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
di-n-butyl phthalate	NA	NA	0.75	U	1	0.8	U	1	0.76	U	1	0.8	U	1	0.79	U	1	0.78	U	1
di-n-octyl phthalate	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
fluoranthene	100	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1.5		1	0.27	U	1
fluorene	30	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
hexachlorobenzene	0.33	1.2	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
hexachlorobutadiene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
hexachlorocyclopentadiene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
hexachloroethane	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.55		1	0.27	U	1
isophorone	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
naphthalene	12	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
nitrobenzene	NA	NA	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
n-nitrosodimethylamine	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
n-nitroso-di-n-propylamine	NA	NA	0.19	U	1	0.2	U	1	0.19	U	1	0.2	U	1	0.2	U	1	0.19	U	1
n-nitrosodiphenylamine	NA	NA	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
pentachlorophenol	0.8	6.7	0.38	U	1	0.4	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.39	U	1
phenanthrene	100	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.63		1	0.27	U	1
phenol	0.33	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	0.28	U	1	0.27	U	1
pyrene	100	100	0.26	U	1	0.28	U	1	0.27	U	1	0.28	U	1	1.3		1	0.27	U	1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		**Sample**	**2SB-02 7.5-10**			**2SB-03 SURF**			**2SB-03 10-12.5**			**2SB-03 12.5-15**			**2SB-04 SURF**			**2SB-04 0-5**		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
1,2,4-trichlorobenzene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
1,2-dichlorobenzene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
1,3-dichlorobenzene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
1,4-dichlorobenzene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
1,4-dioxane	0.1	13	0.077	U	1	0.076	U	1	0.076	U	1	0.075	U	1	0.079	U	1	0.076	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,4,5-trichlorophenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,4,6-trichlorophenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,4-dichlorophenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,4-dimethylphenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,4-dinitrophenol	NA	NA	0.67	U	1	0.62	U	1	0.6	U	1	0.59	U	1	0.62	U	1	0.61	U	1
2,4-dinitrotoluene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2,6-dinitrotoluene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2-chloronaphthalene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2-chlorophenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2-methylnaphthalene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2-Methylphenol (o-cresol)	0.33	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
2-nitroaniline	NA	NA	0.67	U	1	0.62	U	1	0.6	U	1	0.59	U	1	0.62	U	1	0.61	U	1
2-nitrophenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
3,3'-dichlorobenzidine	NA	NA	0.5	U	1	0.47	U	1	0.45	U	1	0.45	U	1	0.47	U	1	0.46	U	1
3-nitroaniline	NA	NA	0.67	U	1	0.62	U	1	0.6	U	1	0.59	U	1	0.62	U	1	0.61	U	1
4,6-dinitro-2-methylphenol	NA	NA	1.2	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1
4-bromophenyl phenyl ether	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
4-chloro-3-methylphenol	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
4-chloroaniline	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
4-chlorophenyl phenyl ether	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
4-nitroaniline	NA	NA	0.67	U	1	0.62	U	1	0.6	U	1	0.59	U	1	0.62	U	1	0.61	U	1
4-nitrophenol	NA	NA	1.2	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1
acenaphthene	20	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
acenaphthylene	100	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.14	J	1
acetophenone	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
aniline	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
anthracene	100	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.25	J	1
atrazine	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
benzaldehyde	NA	NA	0.29	U	1	0.27	J	1	0.26	U	1	0.26	U	1	0.48		1	0.97		1
benzidine	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
benzo(a)anthracene	1	1	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
benzo(a)pyrene	1	1	0.29	U	1	0.28		1	0.26	U	1	0.26	U	1	0.46		1	0.91		1
benzo(b)fluoranthene	1	1	0.29	U	1	0.42		1	0.26	U	1	0.26	U	1	0.69		1	1.4		1
benzo(g,h,i)perylene	100	100	0.29	U	1	0.17	J	1	0.26	U	1	0.26	U	1	0.25	J	1	0.53		1
benzo(k)fluoranthene	0.8	3.9	0.29	U	1	0.16	J	1	0.26	U	1	0.26	U	1	0.23	J	1	0.48		1
benzoic acid	NA	NA	0.83	U	1	0.78	U	1	0.76	U	1	0.74	U	1	0.78	U	1	0.77	U	1
benzyl alcohol	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
benzyl butyl phthalate	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
bis(2-chloroethoxy)methane	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
bis(2-chloroethyl)ether	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	2.6		1
caprolactam	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
carbazole	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
chrysene	1	3.9	0.29	U	1	0.28		1	0.26	U	1	0.26	U	1	0.44		1	0.9		1
dibenzo(a,h)anthracene	0.33	0.33	0.21	U	1	0.19	U	1	0.19	U	1	0.19	U	1	0.19	U	1	0.13	J	1
dibenzofuran	7	59	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
diethyl phthalate	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
dimethyl phthalate	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
di-n-butyl phthalate	NA	NA	0.83	U	1	0.78	U	1	0.76	U	1	0.74	U	1	0.78	U	1	0.77	U	1
di-n-octyl phthalate	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
fluoranthene	100	100	0.29	U	1	0.41		1	0.26	U	1	0.26	U	1	0.77		1	2.2		1
fluorene	30	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
hexachlorobenzene	0.33	1.2	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
hexachlorobutadiene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
hexachlorocyclopentadiene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
hexachloroethane	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.29	U	1	0.17	J	1	0.26	U	1	0.26	U	1	0.28		1	0.55		1
isophorone	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
naphthalene	12	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
nitrobenzene	NA	NA	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
n-nitrosodimethylamine	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
n-nitroso-di-n-propylamine	NA	NA	0.21	U	1	0.19	U	1	0.19	U	1	0.19	U	1	0.19	U	1	0.19	U	1
n-nitrosodiphenylamine	NA	NA	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
pentachlorophenol	0.8	6.7	0.42	U	1	0.39	U	1	0.38	U	1	0.37	U	1	0.39	U	1	0.38	U	1
phenanthrene	100	100	0.29	U	1	0.27	J	1	0.26	U	1	0.26	U	1	0.43		1	1.3		1
phenol	0.33	100	0.29	U	1	0.27	U	1	0.26	U	1	0.26	U	1	0.27	U	1	0.27	U	1
pyrene	100	100	0.29	U	1	0.36		1	0.26	U	1	0.26	U	1	0.66		1	1.7		1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-04 10-15			2SB-05 SURF			2SB-05 5-7			2SB-06 SURF			2SB-06 0-2.5			2SB-06 7.5-10		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
1,2,4-trichlorobenzene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
1,2-dichlorobenzene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
1,3-dichlorobenzene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
1,4-dichlorobenzene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
1,4-dioxane	0.1	13	0.072	U	1	0.083	U	1	0.075	U	1	0.095	U	1	0.075	U	1	0.073	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,4,5-trichlorophenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,4,6-trichlorophenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,4-dichlorophenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,4-dimethylphenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,4-dinitrophenol	NA	NA	0.58	U	1	0.65	U	1	0.61	U	1	0.76	U	1	0.6	U	1	0.59	U	1
2,4-dinitrotoluene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2,6-dinitrotoluene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2-chloronaphthalene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2-chlorophenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2-methylnaphthalene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2-Methylphenol (o-cresol)	0.33	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
2-nitroaniline	NA	NA	0.58	U	1	0.65	U	1	0.61	U	1	0.76	U	1	0.6	U	1	0.59	U	1
2-nitrophenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
3,3'-dichlorobenzidine	NA	NA	0.43	U	1	0.49	U	1	0.46	U	1	0.57	U	1	0.45	U	1	0.44	U	1
3-nitroaniline	NA	NA	0.58	U	1	0.65	U	1	0.61	U	1	0.76	U	1	0.6	U	1	0.59	U	1
4,6-dinitro-2-methylphenol	NA	NA	1	U	1	1.2	U	1	1.1	U	1	1.4	U	1	1.1	U	1	1.1	U	1
4-bromophenyl phenyl ether	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
4-chloro-3-methylphenol	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
4-chloroaniline	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
4-chlorophenyl phenyl ether	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
4-nitroaniline	NA	NA	0.58	U	1	0.65	U	1	0.61	U	1	0.76	U	1	0.6	U	1	0.59	U	1
4-nitrophenol	NA	NA	1	U	1	1.2	U	1	1.1	U	1	1.4	U	1	1.1	U	1	1.1	U	1
acenaphthene	20	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
acenaphthylene	100	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
acetophenone	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
aniline	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
anthracene	100	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
atrazine	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
benzaldehyde	NA	NA	0.25	U	1	0.54		1	0.27	U	1	0.52		1	0.26	U	1	0.26	U	1
benzidine	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
benzo(a)anthracene	1	1	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
benzo(a)pyrene	1	1	0.25	U	1	0.54		1	0.27	U	1	0.52		1	0.26	U	1	0.26	U	1
benzo(b)fluoranthene	1	1	0.25	U	1	0.76		1	0.27	U	1	0.72		1	0.26	U	1	0.26	U	1
benzo(g,h,i)perylene	100	100	0.25	U	1	0.37		1	0.27	U	1	0.34		1	0.26	U	1	0.26	U	1
benzo(k)fluoranthene	0.8	3.9	0.25	U	1	0.23	J	1	0.27	U	1	0.21	J	1	0.26	U	1	0.26	U	1
benzoic acid	NA	NA	0.72	U	1	0.81	U	1	0.76	U	1	0.95	U	1	0.76	U	1	0.74	U	1
benzyl alcohol	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
benzyl butyl phthalate	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
bis(2-chloroethoxy)methane	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
bis(2-chloroethyl)ether	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
caprolactam	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
carbazole	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
chrysene	1	3.9	0.25	U	1	0.56		1	0.27	U	1	0.53		1	0.26	U	1	0.26	U	1
dibenzo(a,h)anthracene	0.33	0.33	0.18	U	1	0.2	U	1	0.19	U	1	0.24	U	1	0.19	U	1	0.18	U	1
dibenzofuran	7	59	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
diethyl phthalate	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
dimethyl phthalate	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
di-n-butyl phthalate	NA	NA	0.72	U	1	0.81	U	1	0.76	U	1	0.95	U	1	0.76	U	1	0.74	U	1
di-n-octyl phthalate	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
fluoranthene	100	100	0.25	U	1	1.2		1	0.27	U	1	1.3		1	0.26	U	1	0.26	U	1
fluorene	30	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
hexachlorobenzene	0.33	1.2	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
hexachlorobutadiene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
hexachlorocyclopentadiene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
hexachloroethane	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.25	U	1	0.39		1	0.27	U	1	0.35		1	0.26	U	1	0.26	U	1
isophorone	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
naphthalene	12	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
nitrobenzene	NA	NA	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
n-nitrosodimethylamine	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
n-nitroso-di-n-propylamine	NA	NA	0.18	U	1	0.2	U	1	0.19	U	1	0.24	U	1	0.19	U	1	0.18	U	1
n-nitrosodiphenylamine	NA	NA	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
pentachlorophenol	0.8	6.7	0.36	U	1	0.41	U	1	0.38	U	1	0.48	U	1	0.38	U	1	0.37	U	1
phenanthrene	100	100	0.25	U	1	0.71		1	0.27	U	1	0.85		1	0.26	U	1	0.26	U	1
phenol	0.33	100	0.25	U	1	0.28	U	1	0.27	U	1	0.33	U	1	0.26	U	1	0.26	U	1
pyrene	100	100	0.25	U	1	1		1	0.27	U	1	1.1		1	0.26	U	1	0.26	U	1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-07 SURF			2SB-07 10-15			2SB-08 SURF			2SB-08 8-10			2SB-08 10-12			2SB-09 SURF		
U= Not Detected ≥ value			Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
SVOCs (8270)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
1,2,4,5-tetrachlorobenzene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
1,2,4-trichlorobenzene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
1,2-dichlorobenzene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
1,3-dichlorobenzene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
1,4-dichlorobenzene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
1,4-dioxane	0.1	13		0.076	U	1	0.075	U	1	0.077	U	1	0.075	U	1	0.075	U	1	0.086	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,3,4,6-tetrachlorophenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,4,5-trichlorophenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,4,6-trichlorophenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,4-dichlorophenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,4-dimethylphenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,4-dinitrophenol	NA	NA		0.61	U	1	0.6	U	1	0.62	U	1	0.59	U	1	0.61	U	1	0.69	U	1
2,4-dinitrotoluene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2,6-dinitrotoluene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2-chloronaphthalene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2-chlorophenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2-methylnaphthalene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2-Methylphenol (o-cresol)	0.33	100		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
2-nitroaniline	NA	NA		0.61	U	1	0.6	U	1	0.62	U	1	0.59	U	1	0.61	U	1	0.69	U	1
2-nitrophenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
3,3'-dichlorobenzidine	NA	NA		0.45	U	1	0.45	U	1	0.46	U	1	0.44	U	1	0.46	U	1	0.52	U	1
3-nitroaniline	NA	NA		0.61	U	1	0.6	U	1	0.62	U	1	0.59	U	1	0.61	U	1	0.69	U	1
4,6-dinitro-2-methylphenol	NA	NA		1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.3	U	1
4-bromophenyl phenyl ether	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
4-chloro-3-methylphenol	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
4-chloroaniline	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
4-chlorophenyl phenyl ether	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
4-nitroaniline	NA	NA		0.61	U	1	0.6	U	1	0.62	U	1	0.59	U	1	0.61	U	1	0.69	U	1
4-nitrophenol	NA	NA		1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.1	U	1	1.3	U	1
acenaphthene	20	100		0.27	U	1	0.26	U	1	0.19	J	1	0.26	U	1	0.27	U	1	0.3	U	1
acenaphthylene	100	100		0.13	J	1	0.26	U	1	0.27		1	0.26	U	1	0.27	U	1	0.13	J	1
acetophenone	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
aniline	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
anthracene	100	100		0.34		1	0.26	U	1	0.59		1	0.26	U	1	0.27	U	1	0.18	J	1
atrazine	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
benzaldehyde	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
benzidine	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
benzo(a)anthracene	1	1		1.1		1	0.26	U	1	1.9		1	0.26	U	1	0.19	J	1	0.8		1
benzo(a)pyrene	1	1		1.1		1	0.26	U	1	1.8		1	0.26	U	1	0.17	J	1	0.81		1
benzo(b)fluoranthene	1	1		1.4		1	0.26	U	1	2.5		1	0.26	U	1	0.22	J	1	1.1		1
benzo(g,h,i)perylene	100	100		0.7		1	0.26	U	1	1.1		1	0.26	U	1	0.27	U	1	0.56		1
benzo(k)fluoranthene	0.8	3.9		0.5		1	0.26	U	1	0.78		1	0.26	U	1	0.27	U	1	0.37		1
benzoic acid	NA	NA		0.76	U	1	0.75	U	1	0.77	U	1	0.73	U	1	0.76	U	1	0.87	U	1
benzyl alcohol	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
benzyl butyl phthalate	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
bis(2-chloroethoxy)methane	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
bis(2-chloroethyl)ether	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
bis(2-ethylhexyl)phthalate	NA	NA		0.27	U	1	0.26	U	1	5.3		1	0.26	U	1	0.27	U	1	0.75		1
caprolactam	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
carbazole	NA	NA		0.38	U	1	0.38	U	1	0.25	J	1	0.37	U	1	0.38	U	1	0.43	U	1
chrysene	1	3.9		1		1	0.26	U	1	1.9		1	0.26	U	1	0.17	J	1	0.8		1
dibenzo(a,h)anthracene	0.33	0.33		0.18	J	1	0.19	U	1	0.27		1	0.18	U	1	0.19	U	1	0.22	U	1
dibenzofuran	7	59		0.27	U	1	0.26	U	1	0.13	J	1	0.26	U	1	0.27	U	1	0.3	U	1
diethyl phthalate	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
dimethyl phthalate	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
di-n-butyl phthalate	NA	NA		0.76	U	1	0.75	U	1	0.77	U	1	0.73	U	1	0.76	U	1	0.87	U	1
di-n-octyl phthalate	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
fluoranthene	100	100		2.4		1	0.26	U	1	4		1	0.26	U	1	0.44		1	1.7		1
fluorene	30	100		0.27	U	1	0.26	U	1	0.2	J	1	0.26	U	1	0.27	U	1	0.3	U	1
hexachlorobenzene	0.33	1.2		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
hexachlorobutadiene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
hexachlorocyclopentadiene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
hexachloroethane	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5		0.72		1	0.26	U	1	1.1		1	0.26	U	1	0.27	U	1	0.57		1
isophorone	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
naphthalene	12	100		0.27	U	1	0.26	U	1	0.17	J	1	0.26	U	1	0.27	U	1	0.3	U	1
nitrobenzene	NA	NA		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
n-nitrosodimethylamine	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
n-nitroso-di-n-propylamine	NA	NA		0.19	U	1	0.19	U	1	0.19	U	1	0.18	U	1	0.19	U	1	0.22	U	1
n-nitrosodiphenylamine	NA	NA		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
pentachlorophenol	0.8	6.7		0.38	U	1	0.38	U	1	0.39	U	1	0.37	U	1	0.38	U	1	0.43	U	1
phenanthrene	100	100		1.4		1	0.26	U	1	2.7		1	0.26	U	1	0.41		1	0.86		1
phenol	0.33	100		0.27	U	1	0.26	U	1	0.27	U	1	0.26	U	1	0.27	U	1	0.3	U	1
pyrene	100	100		2		1	0.26	U	1	3.6		1	0.26	U	1	0.38		1	1.5		1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-09 10-12.5			2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
U= Not Detected ≥ value			Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
SVOCs (8270)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
1,2,4,5-tetrachlorobenzene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
1,2,4-trichlorobenzene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
1,2-dichlorobenzene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
1,3-dichlorobenzene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
1,4-dichlorobenzene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
1,4-dioxane	0.1	13		0.072	U	1	0.075	U	1	0.075	U	1	0.072	U	1	0.069	U	1	0.081	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,3,4,6-tetrachlorophenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,4,5-trichlorophenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,4,6-trichlorophenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,4-dichlorophenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,4-dimethylphenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,4-dinitrophenol	NA	NA		0.57	U	1	0.6	U	1	0.6	U	1	0.57	U	1	0.56	U	1	0.65	U	1
2,4-dinitrotoluene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2,6-dinitrotoluene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2-chloronaphthalene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2-chlorophenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2-methylnaphthalene	NA	NA		0.25	U	1	0.26	U	1	0.12	J	1	0.25	U	1	0.25	U	1	0.28	U	1
2-Methylphenol (o-cresol)	0.33	100		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
2-nitroaniline	NA	NA		0.57	U	1	0.6	U	1	0.6	U	1	0.57	U	1	0.56	U	1	0.65	U	1
2-nitrophenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
3,3'-dichlorobenzidine	NA	NA		0.43	U	1	0.45	U	1	0.45	U	1	0.43	U	1	0.42	U	1	0.48	U	1
3-nitroaniline	NA	NA		0.57	U	1	0.6	U	1	0.6	U	1	0.57	U	1	0.56	U	1	0.65	U	1
4,6-dinitro-2-methylphenol	NA	NA		1	U	1	1.1	U	1	1.1	U	1	1	U	1	1	U	1	1.2	U	1
4-bromophenyl phenyl ether	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
4-chloro-3-methylphenol	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
4-chloroaniline	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
4-chlorophenyl phenyl ether	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
4-nitroaniline	NA	NA		0.57	U	1	0.6	U	1	0.6	U	1	0.57	U	1	0.56	U	1	0.65	U	1
4-nitrophenol	NA	NA		1	U	1	1.1	U	1	1.1	U	1	1	U	1	1	U	1	1.2	U	1
acenaphthene	20	100		0.25	U	1	0.26	U	1	0.18	J	1	0.25	U	1	0.25	U	1	0.28	U	1
acenaphthylene	100	100		0.25	U	1	0.26	U	1	0.45		1	0.25	U	1	0.25	U	1	0.28	U	1
acetophenone	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
aniline	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
anthracene	100	100		0.25	U	1	0.26	U	1	0.66		1	0.25	U	1	0.25	U	1	0.28	U	1
atrazine	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
benzaldehyde	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
benzidine	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
benzo(a)anthracene	1	1		0.25	U	1	0.26	U	1	2.9		1	0.25	U	1	0.25	U	1	0.3		1
benzo(a)pyrene	1	1		0.25	U	1	0.26	U	1	3		1	0.25	U	1	0.25	U	1	0.31		1
benzo(b)fluoranthene	1	1		0.25	U	1	0.26	U	1	4.3		1	0.25	U	1	0.25	U	1	0.45		1
benzo(g,h,i)perylene	100	100		0.25	U	1	0.26	U	1	1.9		1	0.25	U	1	0.25	U	1	0.23	J	1
benzo(k)fluoranthene	0.8	3.9		0.25	U	1	0.26	U	1	1.3		1	0.25	U	1	0.25	U	1	0.14	J	1
benzoic acid	NA	NA		0.72	U	1	0.74	U	1	0.75	U	1	0.72	U	1	0.7	U	1	0.81	U	1
benzyl alcohol	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
benzyl butyl phthalate	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
bis(2-chloroethoxy)methane	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
bis(2-chloroethyl)ether	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
bis(2-ethylhexyl)phthalate	NA	NA		0.25	U	1	0.26	U	1	0.17	J	1	0.25	U	1	0.25	U	1	0.28	U	1
caprolactam	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
carbazole	NA	NA		0.36	U	1	0.37	U	1	0.54		1	0.36	U	1	0.35	U	1	0.4	U	1
chrysene	1	3.9		0.25	U	1	0.26	U	1	3		1	0.25	U	1	0.25	U	1	0.32		1
dibenzo(a,h)anthracene	0.33	0.33		0.18	U	1	0.19	U	1	0.44		1	0.18	U	1	0.18	U	1	0.2	U	1
dibenzofuran	7	59		0.25	U	1	0.26	U	1	0.28		1	0.25	U	1	0.25	U	1	0.28	U	1
diethyl phthalate	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
dimethyl phthalate	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
di-n-butyl phthalate	NA	NA		0.72	U	1	0.74	U	1	0.75	U	1	0.72	U	1	0.7	U	1	0.81	U	1
di-n-octyl phthalate	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
fluoranthene	100	100		0.25	U	1	0.26	U	1	7.1		1	0.25	U	1	0.25	U	1	0.62		1
fluorene	30	100		0.25	U	1	0.26	U	1	0.32		1	0.25	U	1	0.25	U	1	0.28	U	1
hexachlorobenzene	0.33	1.2		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
hexachlorobutadiene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
hexachlorocyclopentadiene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
hexachloroethane	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5		0.25	U	1	0.26	U	1	2.1		1	0.25	U	1	0.25	U	1	0.23	J	1
isophorone	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
naphthalene	12	100		0.25	U	1	0.26	U	1	0.19	J	1	0.25	U	1	0.25	U	1	0.28	U	1
nitrobenzene	NA	NA		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
n-nitrosodimethylamine	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
n-nitroso-di-n-propylamine	NA	NA		0.18	U	1	0.19	U	1	0.19	U	1	0.18	U	1	0.18	U	1	0.2	U	1
n-nitrosodiphenylamine	NA	NA		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
pentachlorophenol	0.8	6.7		0.36	U	1	0.37	U	1	0.37	U	1	0.36	U	1	0.35	U	1	0.4	U	1
phenanthrene	100	100		0.25	U	1	0.26	U	1	5.8		1	0.25	U	1	0.25	U	1	0.3		1
phenol	0.33	100		0.25	U	1	0.26	U	1	0.26	U	1	0.25	U	1	0.25	U	1	0.28	U	1
pyrene	100	100		0.25	U	1	0.26	U	1	5.9		1	0.25	U	1	0.25	U	1	0.55		1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-11 0-5			2SB-11 13-15			2SB-12 SURF			2SB-12 4-6			2SB-12 8-10			2SB-13 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
1,2,4-trichlorobenzene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
1,2-dichlorobenzene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
1,3-dichlorobenzene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
1,4-dichlorobenzene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
1,4-dioxane	0.1	13	0.075	U	1	0.086	U	1	0.09	U	1	0.08	U	1	0.087	U	1	0.078	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,4,5-trichlorophenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,4,6-trichlorophenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,4-dichlorophenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,4-dimethylphenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,4-dinitrophenol	NA	NA	0.6	U	1	0.58	U	1	0.7	U	1	0.63	U	1	0.57	U	1	0.61	U	1
2,4-dinitrotoluene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2,6-dinitrotoluene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2-chloronaphthalene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2-chlorophenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2-methylnaphthalene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2-Methylphenol (o-cresol)	0.33	100	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
2-nitroaniline	NA	NA	0.6	U	1	0.58	U	1	0.7	U	1	0.63	U	1	0.57	U	1	0.61	U	1
2-nitrophenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
3,3'-dichlorobenzidine	NA	NA	0.45	U	1	0.44	U	1	0.53	U	1	0.47	U	1	0.43	U	1	0.46	U	1
3-nitroaniline	NA	NA	0.6	U	1	0.58	U	1	0.7	U	1	0.63	U	1	0.57	U	1	0.61	U	1
4,6-dinitro-2-methylphenol	NA	NA	1.1	U	1	1.1	U	1	1.3	U	1	1.1	U	1	1	U	1	1.1	U	1
4-bromophenyl phenyl ether	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
4-chloro-3-methylphenol	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
4-chloroaniline	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
4-chlorophenyl phenyl ether	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
4-nitroaniline	NA	NA	0.6	U	1	0.58	U	1	0.7	U	1	0.63	U	1	0.57	U	1	0.61	U	1
4-nitrophenol	NA	NA	1.1	U	1	1.1	U	1	1.3	U	1	1.1	U	1	1	U	1	1.1	U	1
acenaphthene	20	100	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
acenaphthylene	100	100	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.18	J	1
acetophenone	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
aniline	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
anthracene	100	100	0.26	U	1	0.26	U	1	0.31	U	1	0.13	J	1	0.25	U	1	0.31		1
atrazine	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
benzaldehyde	NA	NA	0.26	U	1	0.26	U	1	0.13	J	1	0.27	U	1	0.25	U	1	0.12	J	1
benzidine	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
benzo(a)anthracene	1	1	0.26	U	1	0.26	U	1	0.49		1	0.62		1	0.25	U	1	1.6		1
benzo(a)pyrene	1	1	0.26	U	1	0.26	U	1	0.45		1	0.56		1	0.25	U	1	1.5		1
benzo(b)fluoranthene	1	1	0.26	U	1	0.26	U	1	0.65		1	0.82		1	0.25	U	1	2		1
benzo(g,h,i)perylene	100	100	0.26	U	1	0.26	U	1	0.29	J	1	0.35		1	0.25	U	1	0.92		1
benzo(k)fluoranthene	0.8	3.9	0.26	U	1	0.26	U	1	0.19	J	1	0.25	J	1	0.25	U	1	0.65		1
benzoic acid	NA	NA	0.75	U	1	0.73	U	1	0.88	U	1	0.78	U	1	0.72	U	1	0.77	U	1
benzyl alcohol	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
benzyl butyl phthalate	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
bis(2-chloroethoxy)methane	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
bis(2-chloroethyl)ether	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
caprolactam	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
carbazole	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
chrysene	1	3.9	0.26	U	1	0.26	U	1	0.46		1	0.6		1	0.25	U	1	1.4		1
dibenzo(a,h)anthracene	0.33	0.33	0.19	U	1	0.18	U	1	0.22	U	1	0.2	U	1	0.18	U	1	0.22		1
dibenzofuran	7	59	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
diethyl phthalate	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
dimethyl phthalate	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
di-n-butyl phthalate	NA	NA	0.75	U	1	0.73	U	1	0.88	U	1	0.78	U	1	0.72	U	1	0.77	U	1
di-n-octyl phthalate	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
fluoranthene	100	100	0.26	U	1	0.26	U	1	0.93		1	1.3		1	0.25	U	1	3		1
fluorene	30	100	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
hexachlorobenzene	0.33	1.2	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
hexachlorobutadiene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
hexachlorocyclopentadiene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
hexachloroethane	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.26	U	1	0.26	U	1	0.3	J	1	0.37		1	0.25	U	1	0.96		1
isophorone	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
naphthalene	12	100	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
nitrobenzene	NA	NA	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
n-nitrosodimethylamine	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
n-nitroso-di-n-propylamine	NA	NA	0.19	U	1	0.18	U	1	0.22	U	1	0.2	U	1	0.18	U	1	0.19	U	1
n-nitrosodiphenylamine	NA	NA	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
pentachlorophenol	0.8	6.7	0.38	U	1	0.36	U	1	0.44	U	1	0.39	U	1	0.36	U	1	0.38	U	1
phenanthrene	100	100	0.26	U	1	0.26	U	1	0.45		1	0.69		1	0.25	U	1	1.5		1
phenol	0.33	100	0.26	U	1	0.26	U	1	0.31	U	1	0.27	U	1	0.25	U	1	0.27	U	1
pyrene	100	100	0.26	U	1	0.26	U	1	0.82		1	1.1		1	0.25	U	1	2.8		1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-13 0-5			2SB-13 8-10			2SB-14 SURF			2SB-14 0-5			2SB-14 10-12.5			2SB-15 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-03		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
1,2,4-trichlorobenzene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
1,2-dichlorobenzene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
1,3-dichlorobenzene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
1,4-dichlorobenzene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
1,4-dioxane	0.1	13	0.073	U	1	0.14	U	1	0.072	U	1	0.085	U	1	0.11	U	1	0.072	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,4,5-trichlorophenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,4,6-trichlorophenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,4-dichlorophenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,4-dimethylphenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,4-dinitrophenol	NA	NA	0.58	U	1	0.58	U	1	0.58	U	1	0.56	U	1	0.57	U	1	0.59	U	1
2,4-dinitrotoluene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2,6-dinitrotoluene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2-chloronaphthalene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2-chlorophenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2-methylnaphthalene	NA	NA	0.15	J	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2-Methylphenol (o-cresol)	0.33	100	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
2-nitroaniline	NA	NA	0.58	U	1	0.58	U	1	0.58	U	1	0.56	U	1	0.57	U	1	0.59	U	1
2-nitrophenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
3,3'-dichlorobenzidine	NA	NA	0.44	U	1	0.43	U	1	0.43	U	1	0.42	U	1	0.43	U	1	0.44	U	1
3-nitroaniline	NA	NA	0.58	U	1	0.58	U	1	0.58	U	1	0.56	U	1	0.57	U	1	0.59	U	1
4,6-dinitro-2-methylphenol	NA	NA	1.1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1.1	U	1
4-bromophenyl phenyl ether	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
4-chloro-3-methylphenol	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
4-chloroaniline	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
4-chlorophenyl phenyl ether	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
4-nitroaniline	NA	NA	0.58	U	1	0.58	U	1	0.58	U	1	0.56	U	1	0.57	U	1	0.59	U	1
4-nitrophenol	NA	NA	1.1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1.1	U	1
acenaphthene	20	100	0.3		1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
acenaphthylene	100	100	0.19	J	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
acetophenone	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
aniline	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
anthracene	100	100	0.67		1	0.25	U	1	0.12	J	1	0.24	U	1	0.25	U	1	0.26	U	1
atrazine	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
benzaldehyde	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
benzidine	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
benzo(a)anthracene	1	1	1.5		1	0.25	U	1	0.57		1	0.24	U	1	0.25	U	1	0.3		1
benzo(a)pyrene	1	1	1.4		1	0.25	U	1	0.57		1	0.24	U	1	0.25	U	1	0.29		1
benzo(b)fluoranthene	1	1	1.8		1	0.25	U	1	0.81		1	0.24	U	1	0.25	U	1	0.39		1
benzo(g,h,i)perylene	100	100	0.75		1	0.25	U	1	0.35		1	0.24	U	1	0.25	U	1	0.19	J	1
benzo(k)fluoranthene	0.8	3.9	0.55		1	0.25	U	1	0.25		1	0.24	U	1	0.25	U	1	0.13	J	1
benzoic acid	NA	NA	0.73	U	1	0.72	U	1	0.72	U	1	0.69	U	1	0.71	U	1	0.73	U	1
benzyl alcohol	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
benzyl butyl phthalate	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
bis(2-chloroethoxy)methane	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
bis(2-chloroethyl)ether	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
caprolactam	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
carbazole	NA	NA	0.37		1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
chrysene	1	3.9	1.3		1	0.25	U	1	0.58		1	0.24	U	1	0.25	U	1	0.26		1
dibenzo(a,h)anthracene	0.33	0.33	0.18		1	0.18	U	1	0.18	U	1	0.17	U	1	0.18	U	1	0.18	U	1
dibenzofuran	7	59	0.27		1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
diethyl phthalate	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
dimethyl phthalate	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
di-n-butyl phthalate	NA	NA	0.73	U	1	0.72	U	1	0.72	U	1	0.69	U	1	0.71	U	1	0.73	U	1
di-n-octyl phthalate	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
fluoranthene	100	100	3.6		1	0.25	U	1	1.2		1	0.24	U	1	0.25	U	1	0.49		1
fluorene	30	100	0.3		1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
hexachlorobenzene	0.33	1.2	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
hexachlorobutadiene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
hexachlorocyclopentadiene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
hexachloroethane	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.8		1	0.25	U	1	0.36		1	0.24	U	1	0.25	U	1	0.19	J	1
isophorone	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
naphthalene	12	100	0.28		1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
nitrobenzene	NA	NA	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
n-nitrosodimethylamine	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
n-nitroso-di-n-propylamine	NA	NA	0.18	U	1	0.18	U	1	0.18	U	1	0.17	U	1	0.18	U	1	0.18	U	1
n-nitrosodiphenylamine	NA	NA	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
pentachlorophenol	0.8	6.7	0.36	U	1	0.36	U	1	0.36	U	1	0.35	U	1	0.36	U	1	0.37	U	1
phenanthrene	100	100	3.4		1	0.25	U	1	0.57		1	0.24	U	1	0.25	U	1	0.35		1
phenol	0.33	100	0.25	U	1	0.25	U	1	0.25	U	1	0.24	U	1	0.25	U	1	0.26	U	1
pyrene	100	100	3.1		1	0.25	U	1	1		1	0.24	U	1	0.25	U	1	0.38		1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-15 0-5			DUP-20251003			2SB-15 10-12			2SB-16 SURF			2SB-16 10-12			2SB-17 SURF		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
1,2,4-trichlorobenzene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
1,2-dichlorobenzene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
1,3-dichlorobenzene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
1,4-dichlorobenzene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
1,4-dioxane	0.1	13	0.083	U	1	0.07	U	1	0.085	U	1	0.072	U	1	0.084	U	1	0.085	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,4,5-trichlorophenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,4,6-trichlorophenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,4-dichlorophenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,4-dimethylphenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,4-dinitrophenol	NA	NA	0.56	U	1	0.56	U	1	0.57	U	1	0.58	U	1	0.56	U	1	0.58	U	1
2,4-dinitrotoluene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2,6-dinitrotoluene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2-chloronaphthalene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2-chlorophenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2-methylnaphthalene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2-Methylphenol (o-cresol)	0.33	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
2-nitroaniline	NA	NA	0.56	U	1	0.56	U	1	0.57	U	1	0.58	U	1	0.56	U	1	0.58	U	1
2-nitrophenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
3,3'-dichlorobenzidine	NA	NA	0.42	U	1	0.42	U	1	0.43	U	1	0.44	U	1	0.42	U	1	0.43	U	1
3-nitroaniline	NA	NA	0.56	U	1	0.56	U	1	0.57	U	1	0.58	U	1	0.56	U	1	0.58	U	1
4,6-dinitro-2-methylphenol	NA	NA	1	U	1	1	U	1	1	U	1	1.1	U	1	1	U	1	1	U	1
4-bromophenyl phenyl ether	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
4-chloro-3-methylphenol	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
4-chloroaniline	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
4-chlorophenyl phenyl ether	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
4-nitroaniline	NA	NA	0.56	U	1	0.56	U	1	0.57	U	1	0.58	U	1	0.56	U	1	0.58	U	1
4-nitrophenol	NA	NA	1	U	1	1	U	1	1	U	1	1.1	U	1	1	U	1	1	U	1
acenaphthene	20	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
acenaphthylene	100	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
acetophenone	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
aniline	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
anthracene	100	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
atrazine	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
benzaldehyde	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
benzidine	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
benzo(a)anthracene	1	1	0.24	U	1	0.2	J	1	0.25	U	1	0.16	J	1	0.25	U	1	0.25	U	1
benzo(a)pyrene	1	1	0.24	U	1	0.21	J	1	0.25	U	1	0.17	J	1	0.25	U	1	0.25	U	1
benzo(b)fluoranthene	1	1	0.24	U	1	0.27		1	0.25	U	1	0.26		1	0.25	U	1	0.25	U	1
benzo(g,h,i)perylene	100	100	0.24	U	1	0.11	J	1	0.25	U	1	0.12	J	1	0.25	U	1	0.25	U	1
benzo(k)fluoranthene	0.8	3.9	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
benzoic acid	NA	NA	0.69	U	1	0.7	U	1	0.71	U	1	0.73	U	1	0.71	U	1	0.72	U	1
benzyl alcohol	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
benzyl butyl phthalate	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
bis(2-chloroethoxy)methane	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
bis(2-chloroethyl)ether	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.36	U	1	0.25	U	1	0.25	U	1
caprolactam	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
carbazole	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
chrysene	1	3.9	0.24	U	1	0.19	J	1	0.25	U	1	0.15	J	1	0.25	U	1	0.25	U	1
dibenzo(a,h)anthracene	0.33	0.33	0.17	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1
dibenzofuran	7	59	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
diethyl phthalate	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
dimethyl phthalate	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
di-n-butyl phthalate	NA	NA	0.69	U	1	0.7	U	1	0.71	U	1	0.73	U	1	0.71	U	1	0.72	U	1
di-n-octyl phthalate	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
fluoranthene	100	100	0.24	U	1	0.52		1	0.25	U	1	0.23	J	1	0.25	U	1	0.15	J	1
fluorene	30	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
hexachlorobenzene	0.33	1.2	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
hexachlorobutadiene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
hexachlorocyclopentadiene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
hexachloroethane	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.24	U	1	0.16	J	1	0.25	U	1	0.14	J	1	0.25	U	1	0.25	U	1
isophorone	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
naphthalene	12	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
nitrobenzene	NA	NA	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
n-nitrosodimethylamine	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
n-nitroso-di-n-propylamine	NA	NA	0.17	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1
n-nitrosodiphenylamine	NA	NA	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
pentachlorophenol	0.8	6.7	0.35	U	1	0.35	U	1	0.35	U	1	0.36	U	1	0.35	U	1	0.36	U	1
phenanthrene	100	100	0.24	U	1	0.41		1	0.25	U	1	0.13	J	1	0.25	U	1	0.25	U	1
phenol	0.33	100	0.24	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1
pyrene	100	100	0.24	U	1	0.44		1	0.25	U	1	0.18	J	1	0.25	U	1	0.13	J	1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)			Sample	2SB-17 0-5			2SB-17 10-12			2SB-18 SURF			2SB-18 10-15			2SB-19 SURF			2SB-19 0-5		
U= Not Detected ≥ value			Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
SVOCs (8270)	**UU SCO**	**RRU SCO**		Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
1,2,4,5-tetrachlorobenzene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
1,2,4-trichlorobenzene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
1,2-dichlorobenzene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
1,3-dichlorobenzene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
1,4-dichlorobenzene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
1,4-dioxane	0.1	13		0.086	U	1	0.085	U	1	0.072	U	1	0.07	U	1	0.073	U	1	0.07	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,3,4,6-tetrachlorophenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,4,5-trichlorophenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,4,6-trichlorophenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,4-dichlorophenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,4-dimethylphenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,4-dinitrophenol	NA	NA		0.57	U	1	0.56	U	1	0.58	U	1	0.57	U	1	0.59	U	1	0.56	U	1
2,4-dinitrotoluene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2,6-dinitrotoluene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2-chloronaphthalene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2-chlorophenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2-methylnaphthalene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2-Methylphenol (o-cresol)	0.33	100		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
2-nitroaniline	NA	NA		0.57	U	1	0.56	U	1	0.58	U	1	0.57	U	1	0.59	U	1	0.56	U	1
2-nitrophenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
3,3'-dichlorobenzidine	NA	NA		0.43	U	1	0.42	U	1	0.44	U	1	0.43	U	1	0.44	U	1	0.42	U	1
3-nitroaniline	NA	NA		0.57	U	1	0.56	U	1	0.58	U	1	0.57	U	1	0.59	U	1	0.56	U	1
4,6-dinitro-2-methylphenol	NA	NA		1	U	1	1	U	1	1.1	U	1	1	U	1	1.1	U	1	1	U	1
4-bromophenyl phenyl ether	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
4-chloro-3-methylphenol	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
4-chloroaniline	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
4-chlorophenyl phenyl ether	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
4-nitroaniline	NA	NA		0.57	U	1	0.56	U	1	0.58	U	1	0.57	U	1	0.59	U	1	0.56	U	1
4-nitrophenol	NA	NA		1	U	1	1	U	1	1.1	U	1	1	U	1	1.1	U	1	1	U	1
acenaphthene	20	100		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
acenaphthylene	100	100		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.11	J	1	0.25	U	1
acetophenone	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
aniline	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
anthracene	100	100		0.25	U	1	0.12	J	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
atrazine	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
benzaldehyde	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
benzidine	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
benzo(a)anthracene	1	1		0.25	U	1	0.3		1	0.21	J	1	0.25	U	1	0.35		1	0.25	U	1
benzo(a)pyrene	1	1		0.25	U	1	0.4		1	0.29		1	0.25	U	1	0.52		1	0.17	J	1
benzo(b)fluoranthene	1	1		0.25	U	1	0.53		1	0.38		1	0.25	U	1	0.69		1	0.19	J	1
benzo(g,h,i)perylene	100	100		0.25	U	1	0.27		1	0.21	J	1	0.25	U	1	0.27		1	0.25	U	1
benzo(k)fluoranthene	0.8	3.9		0.25	U	1	0.15	J	1	0.25	U	1	0.25	U	1	0.2	J	1	0.25	U	1
benzoic acid	NA	NA		0.71	U	1	0.71	U	1	0.73	U	1	0.72	U	1	0.73	U	1	0.7	U	1
benzyl alcohol	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
benzyl butyl phthalate	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
bis(2-chloroethoxy)methane	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
bis(2-chloroethyl)ether	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
bis(2-ethylhexyl)phthalate	NA	NA		0.25	U	1	0.35	U	1	0.36	U	1	0.25	U	1	0.73	U	1	0.25	U	1
caprolactam	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
carbazole	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
chrysene	1	3.9		0.25	U	1	0.31		1	0.22	J	1	0.25	U	1	0.4		1	0.25	U	1
dibenzo(a,h)anthracene	0.33	0.33		0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1
dibenzofuran	7	59		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
diethyl phthalate	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
dimethyl phthalate	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
di-n-butyl phthalate	NA	NA		0.71	U	1	0.71	U	1	0.73	U	1	0.72	U	1	0.73	U	1	0.7	U	1
di-n-octyl phthalate	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
fluoranthene	100	100		0.25	U	1	0.72		1	0.47		1	0.25	U	1	0.86		1	0.15	J	1
fluorene	30	100		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
hexachlorobenzene	0.33	1.2		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
hexachlorobutadiene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
hexachlorocyclopentadiene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
hexachloroethane	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5		0.25	U	1	0.35		1	0.26		1	0.25	U	1	0.37		1	0.13	J	1
isophorone	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
naphthalene	12	100		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
nitrobenzene	NA	NA		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
n-nitrosodimethylamine	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
n-nitroso-di-n-propylamine	NA	NA		0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1	0.18	U	1
n-nitrosodiphenylamine	NA	NA		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
pentachlorophenol	0.8	6.7		0.36	U	1	0.35	U	1	0.36	U	1	0.36	U	1	0.37	U	1	0.35	U	1
phenanthrene	100	100		0.25	U	1	0.39		1	0.21	J	1	0.25	U	1	0.33		1	0.25	U	1
phenol	0.33	100		0.25	U	1	0.25	U	1	0.25	U	1	0.25	U	1	0.26	U	1	0.25	U	1
pyrene	100	100		0.25	U	1	0.62		1	0.41		1	0.25	U	1	0.75		1	0.19	J	1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 2: SVOCs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	DUP2-20251003			2SB-19 10-13			2SB-20 SURF			2SB-20 0-5			2SB-20 5-8		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
SVOCs (8270)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1'-biphenyl	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
1,2,4,5-tetrachlorobenzene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
1,2,4-trichlorobenzene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
1,2-dichlorobenzene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
1,2-diphenylhydrazine (azobenzene)	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
1,3-dichlorobenzene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
1,4-dichlorobenzene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
1,4-dioxane	0.1	13	0.069	U	1	0.069	U	1	0.073	U	1	0.07	U	1	0.071	U	1
2,2'-Oxybis(1-Chloropropane)	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,3,4,6-tetrachlorophenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,4,5-trichlorophenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,4,6-trichlorophenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,4-dichlorophenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,4-dimethylphenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,4-dinitrophenol	NA	NA	0.55	U	1	0.55	U	1	0.6	U	1	0.56	U	1	0.57	U	1
2,4-dinitrotoluene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2,6-dinitrotoluene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2-chloronaphthalene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2-chlorophenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2-methylnaphthalene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2-Methylphenol (o-cresol)	0.33	100	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
2-nitroaniline	NA	NA	0.55	U	1	0.55	U	1	0.6	U	1	0.56	U	1	0.57	U	1
2-nitrophenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
3&4-Methylphenol (m&p-cresol)	0.33	100	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
3,3'-dichlorobenzidine	NA	NA	0.41	U	1	0.41	U	1	0.45	U	1	0.42	U	1	0.43	U	1
3-nitroaniline	NA	NA	0.55	U	1	0.55	U	1	0.6	U	1	0.56	U	1	0.57	U	1
4,6-dinitro-2-methylphenol	NA	NA	1	U	1	1	U	1	1.1	U	1	1	U	1	1	U	1
4-bromophenyl phenyl ether	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
4-chloro-3-methylphenol	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
4-chloroaniline	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
4-chlorophenyl phenyl ether	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
4-nitroaniline	NA	NA	0.55	U	1	0.55	U	1	0.6	U	1	0.56	U	1	0.57	U	1
4-nitrophenol	NA	NA	1	U	1	1	U	1	1.1	U	1	1	U	1	1	U	1
acenaphthene	20	100	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
acenaphthylene	100	100	0.24	U	1	0.24	U	1	0.11	J	1	0.24	U	1	0.25	U	1
acetophenone	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
aniline	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
anthracene	100	100	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
atrazine	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
benzaldehyde	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
benzidine	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
benzo(a)anthracene	1	1	0.24	U	1	0.24	U	1	0.39		1	0.22	J	1	0.17	J	1
benzo(a)pyrene	1	1	0.24	U	1	0.19	J	1	0.55		1	0.28		1	0.21	J	1
benzo(b)fluoranthene	1	1	0.24	U	1	0.22	J	1	0.73		1	0.37		1	0.26		1
benzo(g,h,i)perylene	100	100	0.24	U	1	0.24	U	1	0.32		1	0.15	J	1	0.12	J	1
benzo(k)fluoranthene	0.8	3.9	0.24	U	1	0.24	U	1	0.2	J	1	0.24	U	1	0.25	U	1
benzoic acid	NA	NA	0.69	U	1	0.69	U	1	0.75	U	1	0.7	U	1	0.71	U	1
benzyl alcohol	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
benzyl butyl phthalate	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
bis(2-chloroethoxy)methane	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
bis(2-chloroethyl)ether	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
bis(2-ethylhexyl)phthalate	NA	NA	0.24	U	1	0.24	U	1	0.75	U	1	0.24	U	1	0.25	U	1
caprolactam	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
carbazole	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
chrysene	1	3.9	0.24	U	1	0.24	U	1	0.43		1	0.23	J	1	0.2	J	1
dibenzo(a,h)anthracene	0.33	0.33	0.17	U	1	0.17	U	1	0.19	U	1	0.17	U	1	0.18	U	1
dibenzofuran	7	59	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
diethyl phthalate	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
dimethyl phthalate	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
di-n-butyl phthalate	NA	NA	0.69	U	1	0.69	U	1	0.75	U	1	0.7	U	1	0.71	U	1
di-n-octyl phthalate	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
fluoranthene	100	100	0.24	U	1	0.18	J	1	0.98		1	0.46		1	0.27		1
fluorene	30	100	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
hexachlorobenzene	0.33	1.2	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
hexachlorobutadiene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
hexachlorocyclopentadiene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
hexachloroethane	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
indeno(1,2,3-cd)pyrene	0.5	0.5	0.24	U	1	0.14	J	1	0.37		1	0.21	J	1	0.15	J	1
isophorone	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
naphthalene	12	100	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
nitrobenzene	NA	NA	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
n-nitrosodimethylamine	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
n-nitroso-di-n-propylamine	NA	NA	0.17	U	1	0.17	U	1	0.19	U	1	0.17	U	1	0.18	U	1
n-nitrosodiphenylamine	NA	NA	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
pentachlorophenol	0.8	6.7	0.34	U	1	0.35	U	1	0.37	U	1	0.35	U	1	0.35	U	1
phenanthrene	100	100	0.24	U	1	0.24	U	1	0.41		1	0.2	J	1	0.25	U	1
phenol	0.33	100	0.24	U	1	0.24	U	1	0.26	U	1	0.24	U	1	0.25	U	1
pyrene	100	100	0.24	U	1	0.22	J	1	0.83		1	0.4		1	0.3		1

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

		Sample	2SB-01 SURF		2SB-01 5-7.5		DUP-20251001		2SB-01 7.5-10		2SB-02 SURF		2SB-02 5-7.5		2SB-02 7.5-10		2SB-03 SURF		2SB-03 10-12.5	
All data in mg/Kg (ppm)		Date	2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA																		
Dimethyl sulfide	NA	NA																		
Naphthalene	NA	NA																		
Undecane	NA	NA																		
SVOCs (8260)																				
.beta.-Sitosterol	NA	NA																		
.gamma.-Sitosterol	NA	NA																		
1,19-Eicosadiene	NA	NA																		
1,2:4,5-Dibenzopyrene	NA	NA																		
10-Methylnonadecane	NA	NA																		
11H-Benzo[a]fluorene	NA	NA																		
13-Docosen-1-ol, (Z)-	NA	NA																		
13-Octadecenal	NA	NA																		
17-Octadecenal	NA	NA																		
17-Octadecenal Isomer	NA	NA																		
1-Docosene	NA	NA																		
1-Docosene Isomer	NA	NA																		
1-Heptacosanol	NA	NA																		
1-Hexadecene	NA	NA																		
1-Nonadecene	NA	NA			1.4	*JN*	0.51	*JN*	1.3	*JN*			1.7	*JN*					1.5	*JN*
1-Nonadecene Isomer	NA	NA																		
1-Octacosanol	NA	NA																		
1-Octadecene	NA	NA					0.43	*JN*												
1-Tridecene	NA	NA																		
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	1.4	*JNA*	1.5	*JNA*	1.6	*JNA*	1.6	*JNA*	1.8	*JNA*	1.6	*JNA*	2	*JNA*	1.7	*JNA*	1.5	*JNA*
2-Phenylnaphthalene	NA	NA																		
2-Tritriacontanone	NA	NA																		
3,4:8,9-Dibenzopyrene	NA	NA																		
3-Octadecene, (E)-	NA	NA																		
4H-Cyclopenta[def]phenanthrene	NA	NA																		
5-Eicosene, (E)-	NA	NA			1.4	*JN*									1.7	*JN*				
5-Octadecene, (E)-	NA	NA							1.3	*JN*					1.7	*JN*				
7-Hexadecene, (Z)-	NA	NA																		
9,10-Anthracenedione	NA	NA																		
9-Eicosene, (E)-	NA	NA											1.5	*JN*					1.4	*JN*
9H-Fluoren-9-one	NA	NA																		
9-Octadecene, (E)-	NA	NA									1.2	*JN*					1.2	*JN*		
Anthracene, 1-methyl-	NA	NA																		
Anthracene, 2-methyl-	NA	NA																		
Benz[e]acephenanthrylene	NA	NA																		
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA																		
Benzo[b]triphenylene	NA	NA																		
Benzo[e]pyrene	NA	NA																		
Benzo[j]fluoranthene	NA	NA																		
Benzo[k]fluoranthene	NA	NA																		
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA	1.8	*JNC*	1.6	*JNC*	0.9	*JNC*	1.5	*JNC*	1.4	*JNC*	1.7	*JNC*	1.8	*JNC*	1.4	*JNC*	1.6	*JNC*
cis-9-Hexadecenoic acid	NA	NA																		
cis-Vaccenic acid	NA	NA																		
Coronene	NA	NA																		
Cyclopenta(def)phenanthrenone	NA	NA																		
Cyclotetracosane	NA	NA																		
Cyclotetracosane Isomer	NA	NA																		
Dibenz(a,e)aceanthrylene	NA	NA																		
dl-.alpha.-Tocopherol	NA	NA																		
E-15-Heptadecenal	NA	NA																		
Eicosane	NA	NA																		
Heneicosane	NA	NA																		
Hentriacontane	NA	NA																		
Heptacosane	NA	NA																		
Heptacosane, 1-chloro-	NA	NA																		
Heptadecane, 9-octyl-	NA	NA																		
Hexadecane	NA	NA																		
Hexadecenoic acid, Z-11-	NA	NA																		
n-Hexadecanoic acid	NA	NA									1.6	*JN*								
n-Nonadecanol-1	NA	NA	2.1	*JN*																
Nonacosane	NA	NA																		
Nonadecane	NA	NA																		
Nonadecane, 9-methyl-	NA	NA															1.2	*JN*		
Octadec-9-enoic acid	NA	NA																		
Octadecanal	NA	NA															0.86	*JN*		
Octadecanal Isomer	NA	NA																		
Octadecane	NA	NA																		
Octadecanoic acid	NA	NA									0.82	*JN*								
Oxirane, heptadecyl-	NA	NA																		
Oxirane, hexadecyl-	NA	NA																		
Oxirane, hexadecyl- Isomer	NA	NA																		
Perylene	NA	NA									1.2	*JN*								
Perylene Isomer	NA	NA																		
Phenanthrene, 1-methyl-	NA	NA																		
Phenanthrene, 2-methyl-	NA	NA																		
Phenanthrene, 3,6-dimethyl-	NA	NA																		
Stigmast-4-en-3-one	NA	NA																		
Sulfurous acid, 2-propyl tetradecy	NA	NA																		
Sulfurous acid, butyl dodecyl este	NA	NA																		
Tetracosane	NA	NA															0.36	*JN*		
Tetracosane	NA	NA																		
Tetradecanal	NA	NA																		
Trichloroacetic acid, tetradecyl e	NA	NA	1.3	*JN*																
Tridecanoic acid	NA	NA																		
unknown hydrocarbon	NA	NA	0.34	*J*							0.78	*J*	0.32	*J*			0.52	*J*		
Z-7-Tetradecenoic acid	NA	NA																		
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-*, and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			3.74		2.8		0.94		2.6		5.6		3.52		3.4		4.14		2.9	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-03 12.5-15		2SB-04 SURF		2SB-04 0-5		2SB-04 10-15		2SB-05 SURF		2SB-05 5-7		2SB-06 SURF		2SB-06 0-2.5		2SB-06 7.5-10	
		Date	2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01		2025-10-01	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA																		
Dimethyl sulfide	NA	NA																		
Naphthalene	NA	NA																		
Undecane	NA	NA																		
SVOCs (8260)																				
.beta.-Sitosterol	NA	NA													2.2	*JN*	0.35	*JN*		
.gamma.-Sitosterol	NA	NA									1.7	*JN*								
1,19-Eicosadiene	NA	NA																		
1,2:4,5-Dibenzopyrene	NA	NA																		
10-Methylnonadecane	NA	NA																		
11H-Benzo[a]fluorene	NA	NA																		
13-Docosen-1-ol, (Z)-	NA	NA																		
13-Octadecenal	NA	NA																		
17-Octadecenal	NA	NA																		
17-Octadecenal Isomer	NA	NA																		
1-Docosene	NA	NA									0.47	*JN*			0.69	*JN*				
1-Docosene Isomer	NA	NA									0.56	*JN*								
1-Heptacosanol	NA	NA																		
1-Hexadecene	NA	NA									0.4	*JN*			0.56	*JN*				
1-Nonadecene	NA	NA	1.4	*JN*					0.43	*JN*							0.56	*JN*	0.58	*JN*
1-Nonadecene Isomer	NA	NA	1.4	*JN*																
1-Octacosanol	NA	NA																		
1-Octadecene	NA	NA							0.32	*JN*					0.65	*JN*			0.5	*JN*
1-Tridecene	NA	NA																		
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	1.5	*JNA*	2	*JNA*	1.9	*JNA*	1.5	*JNA*	2.2	*JNA*	1.1	*JNA*	2.3	*JNA*	1.5	*JNA*	1.5	*JNA*
2-Phenylnaphthalene	NA	NA																		
2-Tritriacontanone	NA	NA																		
3,4:8,9-Dibenzopyrene	NA	NA																		
3-Octadecene, (E)-	NA	NA																		
4H-Cyclopenta[def]phenanthrene	NA	NA																		
5-Eicosene, (E)-	NA	NA											0.72	*JN*						
5-Octadecene, (E)-	NA	NA			1.3	*JN*														
7-Hexadecene, (Z)-	NA	NA																		
9,10-Anthracenedione	NA	NA					0.34	*JN*												
9-Eicosene, (E)-	NA	NA																		
9H-Fluoren-9-one	NA	NA																		
9-Octadecene, (E)-	NA	NA																		
Anthracene, 1-methyl-	NA	NA																		
Anthracene, 2-methyl-	NA	NA																		
Benz[e]acephenanthrylene	NA	NA																		
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA																		
Benzo[b]triphenylene	NA	NA																		
Benzo[e]pyrene	NA	NA																		
Benzo[j]fluoranthene	NA	NA																		
Benzo[k]fluoranthene	NA	NA					0.35	*JN*												
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA	1.6	*JNC*	1.6	*JNC*	1.6	*JNC*	0.63	*JNC*	0.88	*JNC*	1.4	*JNC*	1.3	*JNC*	1.2	*JNC*	0.96	*JNC*
cis-9-Hexadecenoic acid	NA	NA																		
cis-Vaccenic acid	NA	NA																		
Coronene	NA	NA																		
Cyclopenta(def)phenanthrenone	NA	NA																		
Cyclotetracosane	NA	NA																		
Cyclotetracosane Isomer	NA	NA																		
Dibenz(a,e)aceanthrylene	NA	NA																		
dl-.alpha.-Tocopherol	NA	NA													0.44	*JN*				
E-15-Heptadecenal	NA	NA					1.3	*JN*					0.66	*JN*			0.46	*JN*		
Eicosane	NA	NA																		
Heneicosane	NA	NA			0.86	*JN*	0.41	*JN*												
Hentriacontane	NA	NA																		
Heptacosane	NA	NA																		
Heptacosane, 1-chloro-	NA	NA																		
Heptadecane, 9-octyl-	NA	NA																		
Hexadecane	NA	NA																		
Hexadecenoic acid, Z-11-	NA	NA																		
n-Hexadecanoic acid	NA	NA					0.61	*JN*			0.88	*JN*			0.91	*JN*				
n-Nonadecanol-1	NA	NA																		
Nonacosane	NA	NA																		
Nonadecane	NA	NA																		
Nonadecane, 9-methyl-	NA	NA																		
Octadec-9-enoic acid	NA	NA																		
Octadecanal	NA	NA																		
Octadecanal Isomer	NA	NA																		
Octadecane	NA	NA																		
Octadecanoic acid	NA	NA					0.46	*JN*												
Oxirane, heptadecyl-	NA	NA																		
Oxirane, hexadecyl-	NA	NA																		
Oxirane, hexadecyl- Isomer	NA	NA																		
Perylene	NA	NA			0.33	*JN*	0.81	*JN*												
Perylene Isomer	NA	NA																		
Phenanthrene, 1-methyl-	NA	NA																		
Phenanthrene, 2-methyl-	NA	NA																		
Phenanthrene, 3,6-dimethyl-	NA	NA																		
Stigmast-4-en-3-one	NA	NA									0.9	*JNA*			0.72	*JNA*				
Sulfurous acid, 2-propyl tetradecy	NA	NA																		
Sulfurous acid, butyl dodecyl este	NA	NA																		
Tetracosane	NA	NA									0.82	*JN*			0.87	*JN*				
Tetracosane	NA	NA																		
Tetradecanal	NA	NA																		
Trichloroacetic acid, tetradecyl e	NA	NA																		
Tridecanoic acid	NA	NA																		
unknown hydrocarbon	NA	NA			0.32	*J*	0.34	*J*			0.42	*J*			0.53	*J*				
Z-7-Tetradecenoic acid	NA	NA																		
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-*, and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			2.8		2.81		4.62		0.75		6.15		1.38		7.57		1.37		1.08	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-07 SURF		2SB-07 10-15		2SB-08 SURF		2SB-08 8-10		2SB-08 10-12		2SB-09 SURF		2SB-09 10-12.5		2SB-09 12.5-15		2SB-10 SURF	
		Date	2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA									0.0044	*JN*								
Dimethyl sulfide	NA	NA																		
Naphthalene	NA	NA																		
Undecane	NA	NA																		
SVOCs (8260)																				
.beta.-Sitosterol	NA	NA																		
.gamma.-Sitosterol	NA	NA	0.6	*JN*			1.4	*JN*												
1,19-Eicosadiene	NA	NA																		
1,2:4,5-Dibenzopyrene	NA	NA																	0.65	*JN*
10-Methylnonadecane	NA	NA																		
11H-Benzo[a]fluorene	NA	NA																		
13-Docosen-1-ol, (Z)-	NA	NA																		
13-Octadecenal	NA	NA																		
17-Octadecenal	NA	NA																		
17-Octadecenal Isomer	NA	NA																		
1-Docosene	NA	NA							0.73	*JN*	0.71	*JN*			0.67	*JN*				
1-Docosene Isomer	NA	NA																		
1-Heptacosanol	NA	NA																		
1-Hexadecene	NA	NA																		
1-Nonadecene	NA	NA											0.64	*JN*			0.7	*JN*		
1-Nonadecene Isomer	NA	NA																		
1-Octacosanol	NA	NA																		
1-Octadecene	NA	NA			0.63	*JN*					0.66	*JN*	0.8	*JN*			0.63	*JN*		
1-Tridecene	NA	NA					0.73	*JN*												
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	2.4	*JNA*	2.5	*JNA*	2.5	*JNA*	1.9	*JNA*	2.1	*JNA*	2.5	*JNA*	1.7	*JNA*	1.7	*JNA*	2	*JNA*
2-Phenylnaphthalene	NA	NA																	0.6	*JN*
2-Tritriacontanone	NA	NA																		
3,4:8,9-Dibenzopyrene	NA	NA																		
3-Octadecene, (E)-	NA	NA																		
4H-Cyclopenta[def]phenanthrene	NA	NA					0.83	*JN*											0.83	*JN*
5-Eicosene, (E)-	NA	NA																		
5-Octadecene, (E)-	NA	NA																		
7-Hexadecene, (Z)-	NA	NA																		
9,10-Anthracenedione	NA	NA																	0.64	*JN*
9-Eicosene, (E)-	NA	NA																		
9H-Fluoren-9-one	NA	NA																	0.56	*JN*
9-Octadecene, (E)-	NA	NA																		
Anthracene, 1-methyl-	NA	NA	0.43	*JN*																
Anthracene, 2-methyl-	NA	NA																	0.91	*JN*
Benz[e]acephenanthrylene	NA	NA																		
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA																		
Benzo[b]triphenylene	NA	NA	0.32	*JN*															1	*JN*
Benzo[e]pyrene	NA	NA											0.57	*JN*					2.4	*JN*
Benzo[j]fluoranthene	NA	NA	0.44	*JN*																
Benzo[k]fluoranthene	NA	NA																	0.8	*JN*
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA	0.75	*JNC*	0.87	*JNC*	0.84	*JNC*	1.2	*JNC*	1.3	*JNC*	1.6	*JNC*	1.1	*JNC*	1.2	*JNC*		
cis-9-Hexadecenoic acid	NA	NA																		
cis-Vaccenic acid	NA	NA																		
Coronene	NA	NA																	0.73	*JN*
Cyclopenta(def)phenanthrenone	NA	NA																	0.72	*JN*
Cyclotetracosane	NA	NA																		
Cyclotetracosane Isomer	NA	NA																		
Dibenz(a,e)aceanthrylene	NA	NA																	1	*JN*
dl-.alpha.-Tocopherol	NA	NA																		
E-15-Heptadecenal	NA	NA							0.65	*JN*					0.58	*JN*				
Eicosane	NA	NA																		
Heneicosane	NA	NA	0.47	*JN*																
Hentriacontane	NA	NA																		
Heptacosane	NA	NA																		
Heptacosane, 1-chloro-	NA	NA																		
Heptadecane, 9-octyl-	NA	NA					0.46	*JN*												
Hexadecane	NA	NA																		
Hexadecenoic acid, Z-11-	NA	NA																		
n-Hexadecanoic acid	NA	NA	0.64	*JN*	0.3	*JN*	1.8	*JN*					1.3	*JN*						
n-Nonadecanol-1	NA	NA																		
Nonacosane	NA	NA											1.1	*JN*						
Nonadecane	NA	NA																		
Nonadecane, 9-methyl-	NA	NA																		
Octadec-9-enoic acid	NA	NA																		
Octadecanal	NA	NA																		
Octadecanal Isomer	NA	NA																		
Octadecane	NA	NA																		
Octadecanoic acid	NA	NA					0.57	*JN*												
Oxirane, heptadecyl-	NA	NA																		
Oxirane, hexadecyl-	NA	NA																		
Oxirane, hexadecyl- Isomer	NA	NA																		
Perylene	NA	NA	0.87	*JN*			0.86	*JN*												
Perylene Isomer	NA	NA					1.4	*JN*												
Phenanthrene, 1-methyl-	NA	NA																	0.72	*JN*
Phenanthrene, 2-methyl-	NA	NA					0.77	*JN*											0.54	*JN*
Phenanthrene, 3,6-dimethyl-	NA	NA																		
Stigmast-4-en-3-one	NA	NA											0.53	*JNA*						
Sulfurous acid, 2-propyl tetradecy	NA	NA	0.34	*JN*																
Sulfurous acid, butyl dodecyl este	NA	NA																		
Tetracosane	NA	NA																		
Tetracosane	NA	NA					1.2	*JN*												
Tetradecanal	NA	NA																		
Trichloroacetic acid, tetradecyl e	NA	NA																		
Tridecanoic acid	NA	NA																		
unknown hydrocarbon	NA	NA					4.3	*J*												
Z-7-Tetradecenoic acid	NA	NA																		
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-*, and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			4.11		0.93		14.32		1.38		1.37		4.94		1.25		1.33		12.1	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-10 5-7		2SB-10 10-12		2SB-11 SURF		2SB-11 0-5		2SB-11 13-15		2SB-12 SURF		2SB-12 4-6		2SB-12 8-10		2SB-13 SURF	
		Date	2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA																		
Dimethyl sulfide	NA	NA																		
Naphthalene	NA	NA																		
Undecane	NA	NA													0.033	JN				
SVOCs (8260)																				
.beta.-Sitosterol	NA	NA																		
.gamma.-Sitosterol	NA	NA					0.48	JN												
1,19-Eicosadiene	NA	NA											0.43	JN						
1,2:4,5-Dibenzopyrene	NA	NA																		
10-Methylnonadecane	NA	NA																		
11H-Benzo[a]fluorene	NA	NA																		
13-Docosen-1-ol, (Z)-	NA	NA																		
13-Octadecenal	NA	NA					0.36	JN												
17-Octadecenal	NA	NA																		
17-Octadecenal Isomer	NA	NA																		
1-Docosene	NA	NA	0.68	JN	0.7	JN	0.63	JN	0.74	JN					0.36	JN	0.37	JN		
1-Docosene Isomer	NA	NA																		
1-Heptacosanol	NA	NA																		
1-Hexadecene	NA	NA													0.4	JN				
1-Nonadecene	NA	NA									0.45	JN								
1-Nonadecene Isomer	NA	NA																		
1-Octacosanol	NA	NA																		
1-Octadecene	NA	NA					0.73	JN			0.42	JN					0.36	JN	0.37	JN
1-Tridecene	NA	NA																		
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	1.8	JNA	1.6	JNA	2.1	JNA	1.7	JNA	6.7	JNA	5.6	JNA	1.7	JNA	3.5	JNA	4.3	JNA
2-Phenylnaphthalene	NA	NA																		
2-Tritriacontanone	NA	NA																		
3,4:8,9-Dibenzopyrene	NA	NA																	0.5	JN
3-Octadecene, (E)-	NA	NA			0.67	JN														
4H-Cyclopenta[def]phenanthrene	NA	NA																		
5-Eicosene, (E)-	NA	NA																		
5-Octadecene, (E)-	NA	NA																		
7-Hexadecene, (Z)-	NA	NA																		
9,10-Anthracenedione	NA	NA																		
9-Eicosene, (E)-	NA	NA																		
9H-Fluoren-9-one	NA	NA																		
9-Octadecene, (E)-	NA	NA																		
Anthracene, 1-methyl-	NA	NA																		
Anthracene, 2-methyl-	NA	NA																		
Benz[e]acephenanthrylene	NA	NA																		
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA																		
Benzo[b]triphenylene	NA	NA																		
Benzo[e]pyrene	NA	NA													0.41	JN			0.98	JN
Benzo[j]fluoranthene	NA	NA																		
Benzo[k]fluoranthene	NA	NA																		
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA	1.3	JNC	1.2	JNC	1.3	JNC	1.3	JNC	0.79	JNC	0.93	JNC	1.3	JNC	0.68	JNC	0.84	JNC
cis-9-Hexadecenoic acid	NA	NA																		
cis-Vaccenic acid	NA	NA																		
Coronene	NA	NA																		
Cyclopenta(def)phenanthrenone	NA	NA																	0.31	JN
Cyclotetracosane	NA	NA											0.86	JN						
Cyclotetracosane Isomer	NA	NA											1.5	JN						
Dibenz(a,e)aceanthrylene	NA	NA																		
dl-.alpha.-Tocopherol	NA	NA											1.9	JN						
E-15-Heptadecenal	NA	NA	0.64	JN					0.67	JN										
Eicosane	NA	NA					0.4	JN												
Heneicosane	NA	NA																		
Hentriacontane	NA	NA					1.2	JN												
Heptacosane	NA	NA																		
Heptacosane, 1-chloro-	NA	NA																		
Heptadecane, 9-octyl-	NA	NA																		
Hexadecane	NA	NA																		
Hexadecenoic acid, Z-11-	NA	NA																		
n-Hexadecanoic acid	NA	NA					0.98	JN					1.2	JN	0.48	JN			0.76	JN
n-Nonadecanol-1	NA	NA																		
Nonacosane	NA	NA											2.4	JN					0.77	JN
Nonadecane	NA	NA													0.41	JN				
Nonadecane, 9-methyl-	NA	NA																		
Octadec-9-enoic acid	NA	NA																		
Octadecanal	NA	NA																		
Octadecanal Isomer	NA	NA																		
Octadecane	NA	NA																		
Octadecanoic acid	NA	NA																		
Oxirane, heptadecyl-	NA	NA																		
Oxirane, hexadecyl-	NA	NA					0.35	JN												
Oxirane, hexadecyl- Isomer	NA	NA					0.44	JN												
Perylene	NA	NA																		
Perylene Isomer	NA	NA																		
Phenanthrene, 1-methyl-	NA	NA																	0.31	JN
Phenanthrene, 2-methyl-	NA	NA																		
Phenanthrene, 3,6-dimethyl-	NA	NA																		
Stigmast-4-en-3-one	NA	NA					0.84	JNA					2.1	JNA						
Sulfurous acid, 2-propyl tetradecy	NA	NA																		
Sulfurous acid, butyl dodecyl este	NA	NA																		
Tetracosane	NA	NA																		
Tetracosane	NA	NA																		
Tetradecanal	NA	NA																		
Trichloroacetic acid, tetradecyl e	NA	NA																		
Tridecanoic acid	NA	NA																		
unknown hydrocarbon	NA	NA					0.33	J					8.7	J					0.44	J
Z-7-Tetradecenoic acid	NA	NA																		
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-* and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			1.32		1.37		6.74		1.41		0.87		19.09		2.06		0.73		4.44	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

		Sample	2SB-13 0-5		2SB-13 8-10		2SB-14 SURF		2SB-14 0-5		2SB-14 10-12.5		2SB-15 SURF		2SB-15 0-5		DUP-20251003		2SB-15 10-12	
All data in mg/Kg (ppm)		Date	2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-02		2025-10-03		2025-10-03		2025-10-03		2025-10-03	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA																		
Dimethyl sulfide	NA	NA																		
Naphthalene	NA	NA	0.0029	Q																
Undecane	NA	NA																		
SVOCs (8260)																				
.beta.-Sitosterol	NA	NA											2	JN						
.gamma.-Sitosterol	NA	NA																		
1,19-Eicosadiene	NA	NA					1.1	JN												
1,2:4,5-Dibenzopyrene	NA	NA																		
10-Methylnonadecane	NA	NA																		
11H-Benzo[a]fluorene	NA	NA	0.38	JN																
13-Docosen-1-ol, (Z)-	NA	NA																		
13-Octadecenal	NA	NA																		
17-Octadecenal	NA	NA																		
17-Octadecenal Isomer	NA	NA																		
1-Docosene	NA	NA			0.43	JN	0.56	JN	0.34	JN	0.34	JN	0.93	JN						
1-Docosene Isomer	NA	NA																		
1-Heptacosanol	NA	NA																		
1-Hexadecene	NA	NA													1.2	JN				
1-Nonadecene	NA	NA			0.41	JN									1.3	JN			1.2	JN
1-Nonadecene Isomer	NA	NA																		
1-Octacosanol	NA	NA					0.59	JN												
1-Octadecene	NA	NA									0.3	JN								
1-Tridecene	NA	NA																		
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	2.9	JNA	2.8	JNA	5.3	JNA	12	JNA	8.4	JNA	2.6	JNA	3.6	JNA	1.9	JNA	2.2	JNA
2-Phenylnaphthalene	NA	NA																		
2-Tritriacontanone	NA	NA					0.41	JNA												
3,4:8,9-Dibenzopyrene	NA	NA																		
3-Octadecene, (E)-	NA	NA															0.66	JN		
4H-Cyclopenta[def]phenanthrene	NA	NA																		
5-Eicosene, (E)-	NA	NA											0.87	JN					1.1	JN
5-Octadecene, (E)-	NA	NA																		
7-Hexadecene, (Z)-	NA	NA																		
9,10-Anthracenedione	NA	NA																		
9-Eicosene, (E)-	NA	NA																		
9H-Fluoren-9-one	NA	NA																		
9-Octadecene, (E)-	NA	NA																		
Anthracene, 1-methyl-	NA	NA																		
Anthracene, 2-methyl-	NA	NA																		
Benz[e]acephenanthrylene	NA	NA																		
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA																		
Benzo[b]triphenylene	NA	NA																		
Benzo[e]pyrene	NA	NA	0.32	JN			0.54	JN												
Benzo[j]fluoranthene	NA	NA																		
Benzo[k]fluoranthene	NA	NA	0.96	JN																
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA			0.82	JNC	1.3	JNC	0.65	JNC	0.59	JNC	1.2	JNC	1.6	JNC	1.3	JNC	1.4	JNC
cis-9-Hexadecenoic acid	NA	NA					0.64	JN												
cis-Vaccenic acid	NA	NA											0.69	JN						
Coronene	NA	NA																		
Cyclopenta(def)phenanthrenone	NA	NA																		
Cyclotetracosane	NA	NA																		
Cyclotetracosane Isomer	NA	NA																		
Dibenz(a,e)aceanthrylene	NA	NA																		
dl-.alpha.-Tocopherol	NA	NA																		
E-15-Heptadecenal	NA	NA	0.3	JN					0.31	JN										
Eicosane	NA	NA																		
Heneicosane	NA	NA																		
Hentriacontane	NA	NA																		
Heptacosane	NA	NA											1.8	JN						
Heptacosane, 1-chloro-	NA	NA																		
Heptadecane, 9-octyl-	NA	NA																		
Hexadecane	NA	NA											0.73	JN						
Hexadecenoic acid, Z-11-	NA	NA																		
n-Hexadecanoic acid	NA	NA					0.86	JN					1.5	JN						
n-Nonadecanol-1	NA	NA																		
Nonacosane	NA	NA																		
Nonadecane	NA	NA																		
Nonadecane, 9-methyl-	NA	NA																		
Octadec-9-enoic acid	NA	NA																		
Octadecanal	NA	NA					0.4	JN					1.8	JN						
Octadecanal Isomer	NA	NA																		
Octadecane	NA	NA					3.2	JN												
Octadecanoic acid	NA	NA																		
Oxirane, heptadecyl-	NA	NA					0.64	JN												
Oxirane, hexadecyl-	NA	NA																		
Oxirane, hexadecyl- Isomer	NA	NA																		
Perylene	NA	NA																		
Perylene Isomer	NA	NA																		
Phenanthrene, 1-methyl-	NA	NA	0.45	JN																
Phenanthrene, 2-methyl-	NA	NA	0.33	JN																
Phenanthrene, 3,6-dimethyl-	NA	NA	0.32	JN																
Stigmast-4-en-3-one	NA	NA					1.3	JNA												
Sulfurous acid, 2-propyl tetradecy	NA	NA																		
Sulfurous acid, butyl dodecyl este	NA	NA																		
Tetracosane	NA	NA																		
Tetracosane	NA	NA																		
Tetradecanal	NA	NA											0.92	JN						
Trichloroacetic acid, tetradecyl e	NA	NA																		
Tridecanoic acid	NA	NA																		
unknown hydrocarbon	NA	NA	0.51	J			1	J					0.59	J						
Z-7-Tetradecenoic acid	NA	NA											1.1	JN						
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-*, and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			3.57		0.84		11.24		0.65		0.64		12.93		2.5		0.66		2.3	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-16 SURF		2SB-16 10-12		2SB-17 SURF		2SB-17 0-5		2SB-17 10-12		2SB-18 SURF		2SB-18 10-15		2SB-19 SURF		2SB-19 0-5	
		Date	2025-10-03		2025-10-03		2025-10-03		2025-10-03		2025-10-03		2025-10-03		2025-10-03		2025-10-03		2025-10-03	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA																		
Dimethyl sulfide	NA	NA			0.044	JN											0.0084	JN		
Naphthalene	NA	NA																		
Undecane	NA	NA																		
SVOCs (8260)																				
.beta.-Sitosterol	NA	NA															0.55	JN		
.gamma.-Sitosterol	NA	NA																		
1,19-Eicosadiene	NA	NA																		
1,2:4,5-Dibenzopyrene	NA	NA																		
10-Methylnonadecane	NA	NA															1.4	JN		
11H-Benzo[a]fluorene	NA	NA																		
13-Docosen-1-ol, (Z)-	NA	NA																		
13-Octadecenal	NA	NA																		
17-Octadecenal	NA	NA																		
17-Octadecenal Isomer	NA	NA																		
1-Docosene	NA	NA	1.1	JN					0.57	JN					0.7	JN				
1-Docosene Isomer	NA	NA																		
1-Heptacosanol	NA	NA																		
1-Hexadecene	NA	NA																		
1-Nonadecene	NA	NA			0.83	JN													0.77	JN
1-Nonadecene Isomer	NA	NA																		
1-Octacosanol	NA	NA																		
1-Octadecene	NA	NA															0.48	JN		
1-Tridecene	NA	NA																		
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	2.3	JNA	1.5	JNA	9.4	JNA	1.7	JNA	1.8	JNA	1.9	JNA	1.6	JNA	2.2	JNA	1.6	JNA
2-Phenylnaphthalene	NA	NA																		
2-Tritriacontanone	NA	NA																		
3,4:8,9-Dibenzopyrene	NA	NA																		
3-Octadecene, (E)-	NA	NA																		
4H-Cyclopenta[def]phenanthrene	NA	NA																		
5-Eicosene, (E)-	NA	NA																		
5-Octadecene, (E)-	NA	NA	1	JN																
7-Hexadecene, (Z)-	NA	NA							0.47	JN					0.56	JN	0.51	JN	0.59	JN
9,10-Anthracenedione	NA	NA																		
9-Eicosene, (E)-	NA	NA																		
9H-Fluoren-9-one	NA	NA																		
9-Octadecene, (E)-	NA	NA			0.67	JN	0.66	JN												
Anthracene, 1-methyl-	NA	NA																		
Anthracene, 2-methyl-	NA	NA																		
Benz[e]acephenanthrylene	NA	NA									0.29	JN	0.31	JN						
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA																		
Benzo[b]triphenylene	NA	NA																		
Benzo[e]pyrene	NA	NA																		
Benzo[j]fluoranthene	NA	NA																		
Benzo[k]fluoranthene	NA	NA																		
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA	1.5	JNC	1.1	JNC	1.2	JNC	0.85	JNC	1.2	JNC	1.2	JNC	0.99	JNC	0.98	JNC	1	JNC
cis-9-Hexadecenoic acid	NA	NA																		
cis-Vaccenic acid	NA	NA	1.2	JN																
Coronene	NA	NA																		
Cyclopenta(def)phenanthrenone	NA	NA																		
Cyclotetracosane	NA	NA																		
Cyclotetracosane Isomer	NA	NA																		
Dibenz(a,e)aceanthrylene	NA	NA																		
dl-.alpha.-Tocopherol	NA	NA																		
E-15-Heptadecenal	NA	NA																		
Eicosane	NA	NA	0.61	JN																
Heneicosane	NA	NA																		
Hentriacontane	NA	NA																		
Heptacosane	NA	NA																		
Heptacosane, 1-chloro-	NA	NA																		
Heptadecane, 9-octyl-	NA	NA																		
Hexadecane	NA	NA																		
Hexadecenoic acid, Z-11-	NA	NA	4.8	JN																
n-Hexadecanoic acid	NA	NA	2	JN									0.31	JN						
n-Nonadecanol-1	NA	NA																		
Nonacosane	NA	NA																		
Nonadecane	NA	NA																		
Nonadecane, 9-methyl-	NA	NA																		
Octadec-9-enoic acid	NA	NA																		
Octadecanal	NA	NA	0.72	JN							0.47	JN					0.61	JN		
Octadecanal Isomer	NA	NA	0.37	JN													1.2	JN		
Octadecane	NA	NA																		
Octadecanoic acid	NA	NA																		
Oxirane, heptadecyl-	NA	NA											0.57	JN						
Oxirane, hexadecyl-	NA	NA																		
Oxirane, hexadecyl- Isomer	NA	NA																		
Perylene	NA	NA															0.29	JN		
Perylene Isomer	NA	NA																		
Phenanthrene, 1-methyl-	NA	NA																		
Phenanthrene, 2-methyl-	NA	NA																		
Phenanthrene, 3,6-dimethyl-	NA	NA																		
Stigmast-4-en-3-one	NA	NA									0.3	JN	0.4	JN						
Sulfurous acid, 2-propyl tetradecy	NA	NA																		
Sulfurous acid, butyl dodecyl este	NA	NA	1.2	JN																
Tetracosane	NA	NA																		
Tetracosane	NA	NA																		
Tetradecanal	NA	NA																		
Trichloroacetic acid, tetradecyl e	NA	NA																		
Tridecanoic acid	NA	NA																		
unknown hydrocarbon	NA	NA	0.53	J							0.4	J	0.31	J			0.35	J		
Z-7-Tetradecenoic acid	NA	NA																		
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-*, and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			13.53		1.5		0.66		1.04		1.46		1.9		1.26		5.39		1.36	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 3: VOC and SVOC TICs in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

		Sample	2SB-19 10-13		DUP2-20251003		2SB-20 SURF		2SB-20 0-5		2SB-20 5-8	
All data in mg/Kg (ppm)		Date	2025-10-03		2025-10-03		2025-10-03		2025-10-03		2025-10-03	
VOCs (8260)	**UU SCO**	**RRU SCO**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Propene, 2-methyl-	NA	NA										
Dimethyl sulfide	NA	NA					0.027	*JN*				
Naphthalene	NA	NA										
Undecane	NA	NA										
SVOCs (8260)												
.beta.-Sitosterol	NA	NA										
.gamma.-Sitosterol	NA	NA					3.9	*JN*				
1,19-Eicosadiene	NA	NA										
1,2:4,5-Dibenzopyrene	NA	NA										
10-Methylnonadecane	NA	NA										
11H-Benzo[a]fluorene	NA	NA										
13-Docosen-1-ol, (Z)-	NA	NA					3.1	*JN*				
13-Octadecenal	NA	NA										
17-Octadecenal	NA	NA					2.2	*JN*				
17-Octadecenal Isomer	NA	NA					1.2	*JN*				
1-Docosene	NA	NA										
1-Docosene Isomer	NA	NA										
1-Heptacosanol	NA	NA					5.9	*JN*				
1-Hexadecene	NA	NA										
1-Nonadecene	NA	NA			0.77	*JN*					0.68	*JN*
1-Nonadecene Isomer	NA	NA										
1-Octacosanol	NA	NA										
1-Octadecene	NA	NA										
1-Tridecene	NA	NA										
2-Pentanone, 4-hydroxy-4-methyl-	NA	NA	1.5	*JNA*	1.5	*JNA*	2.1	*JNA*	1.7	*JNA*	1.9	*JNA*
2-Phenylnaphthalene	NA	NA										
2-Tritriacontanone	NA	NA										
3,4:8,9-Dibenzopyrene	NA	NA										
3-Octadecene, (E)-	NA	NA							0.68	*JN*		
4H-Cyclopenta[def]phenanthrene	NA	NA										
5-Eicosene, (E)-	NA	NA										
5-Octadecene, (E)-	NA	NA	0.73	*JN*								
7-Hexadecene, (Z)-	NA	NA										
9,10-Anthracenedione	NA	NA										
9-Eicosene, (E)-	NA	NA										
9H-Fluoren-9-one	NA	NA										
9-Octadecene, (E)-	NA	NA			0.6	*JN*						
Anthracene, 1-methyl-	NA	NA										
Anthracene, 2-methyl-	NA	NA										
Benz[e]acephenanthrylene	NA	NA										
Benzenamine, 4-(1-methyl-1-phenyle	NA	NA			0.5	*JN*						
Benzo[b]triphenylene	NA	NA										
Benzo[e]pyrene	NA	NA										
Benzo[j]fluoranthene	NA	NA										
Benzo[k]fluoranthene	NA	NA										
Benzoic acid, 4-ethoxy-, ethyl est	NA	NA	1.2	*JNC*	1.1	*JNC*	0.79	*JNC*	1.2	*JNC*	1.3	*JNC*
cis-9-Hexadecenoic acid	NA	NA										
cis-Vaccenic acid	NA	NA										
Coronene	NA	NA										
Cyclopenta(def)phenanthrenone	NA	NA										
Cyclotetracosane	NA	NA										
Cyclotetracosane Isomer	NA	NA										
Dibenz(a,e)aceanthrylene	NA	NA										
dl-.alpha.-Tocopherol	NA	NA										
E-15-Heptadecenal	NA	NA										
Eicosane	NA	NA										
Heneicosane	NA	NA										
Hentriacontane	NA	NA					2.2	*JN*				
Heptacosane	NA	NA										
Heptacosane, 1-chloro-	NA	NA					0.9	*JN*				
Heptadecane, 9-octyl-	NA	NA										
Hexadecane	NA	NA										
Hexadecenoic acid, Z-11-	NA	NA										
n-Hexadecanoic acid	NA	NA							0.28	*JN*		
n-Nonadecanol-1	NA	NA										
Nonacosane	NA	NA										
Nonadecane	NA	NA										
Nonadecane, 9-methyl-	NA	NA										
Octadec-9-enoic acid	NA	NA					0.81	*JN*				
Octadecanal	NA	NA										
Octadecanal Isomer	NA	NA										
Octadecane	NA	NA										
Octadecanoic acid	NA	NA										
Oxirane, heptadecyl-	NA	NA										
Oxirane, hexadecyl-	NA	NA										
Oxirane, hexadecyl- Isomer	NA	NA										
Perylene	NA	NA										
Perylene Isomer	NA	NA										
Phenanthrene, 1-methyl-	NA	NA										
Phenanthrene, 2-methyl-	NA	NA										
Phenanthrene, 3,6-dimethyl-	NA	NA										
Stigmast-4-en-3-one	NA	NA					4.3	*JN*				
Sulfurous acid, 2-propyl tetradecy	NA	NA										
Sulfurous acid, butyl dodecyl este	NA	NA										
Tetracosane	NA	NA										
Tetracosane	NA	NA										
Tetradecanal	NA	NA										
Trichloroacetic acid, tetradecyl e	NA	NA										
Tridecanoic acid	NA	NA					1.5	*JN*				
unknown hydrocarbon	NA	NA					0.74	*J*				
Z-7-Tetradecenoic acid	NA	NA										
TOTAL VOC and SVOC TICs (suspect extraction artifacts *2-pentanone, 4-hydroxy-4-methyl-*, and *benzoic acid, 4-ethoxy-, ethyl est* are excluded from total)			0.73		1.87		26.75		0.96		0.68	

Analyte Detected
Total TICs

Q = Laboratory Qualifier (J-estimated, N-value based on response of nearest internal, A and C-suspect artifact of extraction)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-01 SURF			2SB-01 5-7.5			DUP-20251001			2SB-01 7.5-10			2SB-02 SURF			2SB-02 5-7.5		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	15,000		*10*	14,800		*10*	10,900		*10*	9,390		*10*	14,100		*10*	15,500		*10*
Antimony	NA	NA	3.6	*U*	*1*	4	*U*	*1*	3.5	*U*	*1*	3.8	*U*	*1*	3.9	*U*	*1*	3.9	*U*	*1*
Arsenic	13	16	3.51		*1*	6.34		*1*	4.75		*1*	4		*1*	16.6		*1*	10.5		*1*
Barium	350	400	72.8		*1*	77.9		*1*	37.3		*1*	28.8		*1*	264		*1*	75		*1*
Beryllium	7.2	72	0.5		*1*	0.69		*1*	0.46		*1*	0.4		*1*	0.62		*1*	0.84		*1*
Cadmium	2.5	4.3	0.36	*U*	*1*	0.4	*U*	*1*	0.35	*U*	*1*	0.38	*U*	*1*	0.9		*1*	0.43		*1*
Calcium	NA	NA	1,280		*1*	2,320		*1*	1,260		*1*	1,110		*1*	4,920		*1*	2,260		*1*
Chromium	30	180	14.6		*1*	17.7		*1*	13.6		*1*	11.7		*1*	19.9		*1*	21		*1*
Chromium (+6)	1	110	0.41	*U*	*1*	0.42	*U*	*1*	0.43	*U*	*1*	0.43	*U*	*1*	0.42	*U*	*1*	0.43	*U*	*1*
Cobalt	NA	NA	8.93		*1*	12.6		*1*	9.39		*1*	8.82		*1*	10.8		*1*	15		*1*
Copper	50	270	13.4		*1*	33.1		*1*	30.4		*1*	20.7		*1*	50.8		*1*	33.8		*1*
Iron	NA	NA	21,100		*1*	29,700		*1*	24,400		*1*	21,000		*1*	24,800		*1*	36,900		*1*
Lead	63	400	43.3		*1*	14.6		*1*	10.7		*1*	9.4		*1*	745		*1*	21.7		*1*
Magnesium	NA	NA	3,510		*1*	5,160		*1*	4,520		*1*	4,220		*1*	5,450		*1*	5,130		*1*
Manganese	1,600	2,000	380		*1*	834		*1*	574		*1*	621		*1*	750		*1*	853		*1*
Mercury	0.18	0.81	0.228		*1*	0.09	*U*	*1*	0.088	*U*	*1*	0.09	*U*	*1*	0.837		*1*	0.089	*U*	*1*
Nickel	30	310	15.8		*1*	26.2		*1*	19		*1*	17.6		*1*	27.8		*1*	27.1		*1*
Potassium	NA	NA	992		*10*	1,440		*10*	1,440		*10*	1,250		*10*	1,470		*10*	1,940		*10*
Selenium	3.9	180	1.4	*U*	*1*	1.6	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.5	*U*	*1*	1.5	*U*	*1*
Silver	2	180	0.36	*U*	*1*	0.4	*U*	*1*	0.35	*U*	*1*	0.38	*U*	*1*	0.39	*U*	*1*	0.39	*U*	*1*
Sodium	NA	NA	50		*1*	336		*1*	275		*1*	197		*1*	107		*1*	156		*1*
Thallium	NA	NA	1.4	*U*	*1*	1.6	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.5	*U*	*1*	1.5	*U*	*1*
Vanadium	NA	NA	21.7		*1*	21.9		*1*	18.6		*1*	14.5		*1*	33.4		*1*	24.3		*1*
Zinc	109	10,000	63.6		*1*	75.1		*1*	63.7		*1*	59.1		*1*	363		*1*	73.6		*1*
Cyanide (total)	27	27	0.57	*U*	*1*	0.6	*U*	*1*	0.59	*U*	*1*	0.6	*U*	*1*	0.78		*1*	0.6	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-02 7.5-10			2SB-03 SURF			2SB-03 10-12.5			2SB-03 12.5-15			2SB-04 SURF			2SB-04 0-5		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	14,000		*10*	15,800		*10*	20,800		*10*	17,400		*10*	14,700		*10*	11,000		*10*
Antimony	NA	NA	3.7	*U*	*1*	3.6	*U*	*1*	4	*U*	*1*	3.8	*U*	*1*	3.9	*U*	*1*	5.8	*U*	*1*
Arsenic	13	16	4.57		*1*	9.13		*1*	7.63		*1*	5.78		*1*	8.98		*1*	16.7		*1*
Barium	350	400	67.9		*1*	250		*1*	90		*1*	148		*1*	237		*1*	276		*1*
Beryllium	7.2	72	0.64		*1*	0.66		*1*	1.2		*1*	0.97		*1*	0.55		*1*	0.44		*1*
Cadmium	2.5	4.3	0.39		*1*	0.82		*1*	0.57		*1*	0.57		*1*	0.8		*1*	2.35		*1*
Calcium	NA	NA	12,700		*10*	2,660		*1*	3,170		*1*	3,300		*1*	33,200		*10*	22,300		*10*
Chromium	30	180	17.4		*1*	18.9		*1*	25.8		*1*	22.8		*1*	17.6		*1*	15.5		*1*
Chromium (+6)	1	110	0.46	*U*	*1*	0.44	*U*	*1*	0.45	*U*	*1*	0.42	*U*	*1*	0.44	*U*	*1*	0.44	*U*	*1*
Cobalt	NA	NA	10.6		*1*	11.1		*1*	18.4		*1*	16.2		*1*	9.01		*1*	19.9		*1*
Copper	50	270	33		*1*	47.9		*1*	53.9		*1*	46.5		*1*	39.6		*1*	82.6		*1*
Iron	NA	NA	26,600		*1*	25,300		*1*	44,300		*1*	39,100		*1*	23,100		*1*	154,000		*10*
Lead	63	400	12.4		*1*	931		*1*	25.1		*1*	19.8		*1*	1,350		*1*	1,410		*1*
Magnesium	NA	NA	5,510		*1*	4,650		*1*	6,630		*1*	6,130		*1*	8,930		*1*	6,060		*1*
Manganese	1,600	2,000	558		*1*	701		*1*	835		*1*	1,310		*1*	574		*1*	454		*1*
Mercury	0.18	0.81	0.095	*U*	*1*	0.837		*1*	0.086	*U*	*1*	0.085	*U*	*1*	0.935		*1*	1.34		*1*
Nickel	30	310	23.3		*1*	22.6		*1*	36.3		*1*	32.5		*1*	21		*1*	29.4		*1*
Potassium	NA	NA	2,160		*10*	1,310		*10*	2,210		*10*	1,930		*10*	1,410		*10*	1,150		*10*
Selenium	3.9	180	1.5	*U*	*1*	2	*U*	*1*	1.6	*U*	*1*	1.5	*U*	*1*	1.6	*U*	*1*	1.7	*U*	*1*
Silver	2	180	0.37	*U*	*1*	0.36	*U*	*1*	0.4	*U*	*1*	0.38	*U*	*1*	0.39	*U*	*1*	0.41	*U*	*1*
Sodium	NA	NA	145		*1*	51		*1*	253		*1*	199		*1*	137		*1*	244		*1*
Thallium	NA	NA	1.5	*U*	*1*	1.5	*U*	*1*	1.6	*U*	*1*	1.5	*U*	*1*	1.6	*U*	*1*	1.7	*U*	*1*
Vanadium	NA	NA	21.2		*1*	27.5		*1*	29.1		*1*	24.8		*1*	34.1		*1*	38.1		*1*
Zinc	109	10,000	81.5		*1*	328		*1*	122		*1*	127		*1*	377		*1*	436		*1*
Cyanide (total)	27	27	0.63	*U*	*1*	0.59	*U*	*1*	0.57	*U*	*1*	0.57	*U*	*1*	0.6	*U*	*1*	0.59	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-04 10-15			2SB-05 SURF			2SB-05 5-7			2SB-06 SURF			2SB-06 0-2.5			2SB-06 7.5-10		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	14,800		*10*	12,700		*10*	12,900		*10*	14,000		*10*	14,700		*10*	16,300		*10*
Antimony	NA	NA	3.5	*U*	*1*	3.9	*U*	*1*	3.5	*U*	*1*	4.8	*U*	*1*	4	*U*	*1*	4	*U*	*1*
Arsenic	13	16	5.22		*1*	8.17		*1*	4.42		*1*	5.43		*1*	4.78		*1*	5.33		*1*
Barium	350	400	44.8		*1*	717		*1*	57.4		*1*	161		*1*	70.3		*1*	62.7		*1*
Beryllium	7.2	72	0.73		*1*	0.51		*1*	0.53		*1*	0.53		*1*	0.55		*1*	0.82		*1*
Cadmium	2.5	4.3	0.46		*1*	1.12		*1*	0.35	*U*	*1*	0.65		*1*	0.4	*U*	*1*	0.49		*1*
Calcium	NA	NA	27,300		*10*	18,700		*10*	1,390		*1*	6,740		*1*	1,160		*1*	29,500		*10*
Chromium	30	180	18.2		*1*	25.2		*1*	16.4		*1*	16.4		*1*	15.8		*1*	20.3		*1*
Chromium (+6)	1	110	0.38	*U*	*1*	0.48	*U*	*1*	0.43	*U*	*1*	5.8	*U*	*10*	0.4	*U*	*1*	0.4	*U*	*1*
Cobalt	NA	NA	12.2		*1*	8.86		*1*	9.12		*1*	8.68		*1*	9.16		*1*	14.7		*1*
Copper	50	270	46.1		*1*	40.3		*1*	25.2		*1*	32.9		*1*	25.2		*1*	36.8		*1*
Iron	NA	NA	30,700		*1*	23,400		*1*	24,500		*1*	21,000		*1*	24,000		*1*	32,800		*1*
Lead	63	400	17.2		*1*	5,670		*10*	102		*1*	697		*1*	129		*1*	15.6		*1*
Magnesium	NA	NA	6,990		*1*	6,460		*1*	5,280		*1*	4,790		*1*	4,760		*1*	6,900		*1*
Manganese	1,600	2,000	435		*1*	582		*1*	577		*1*	550		*1*	508		*1*	644		*1*
Mercury	0.18	0.81	0.082	*U*	*1*	0.833		*1*	0.086	*U*	*1*	1.01		*1*	0.157		*1*	0.083	*U*	*1*
Nickel	30	310	26.9		*1*	22.5		*1*	21.5		*1*	24.1		*1*	20.1		*1*	29.5		*1*
Potassium	NA	NA	1,890		*10*	1,430		*10*	1,770		*10*	1,590		*10*	1,570		*10*	2,230		*10*
Selenium	3.9	180	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.9	*U*	*1*	1.6	*U*	*1*	1.6	*U*	*1*
Silver	2	180	0.35	*U*	*1*	0.39	*U*	*1*	0.35	*U*	*1*	0.48	*U*	*1*	0.4	*U*	*1*	0.4	*U*	*1*
Sodium	NA	NA	354		*1*	123		*1*	253		*1*	70		*1*	41		*1*	225		*1*
Thallium	NA	NA	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.9	*U*	*1*	1.6	*U*	*1*	1.6	*U*	*1*
Vanadium	NA	NA	22.1		*1*	36.3		*1*	19.7		*1*	34.5		*1*	22.2		*1*	23.9		*1*
Zinc	109	10,000	115		*1*	777		*1*	74.6		*1*	275		*1*	79.1		*1*	94.1		*1*
Cyanide (total)	27	27	0.54	*U*	*1*	0.81		*1*	0.57	*U*	*1*	0.72	*U*	*1*	0.57	*U*	*1*	0.56	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-07 SURF			2SB-07 10-15			2SB-08 SURF			2SB-08 8-10			2SB-08 10-12			2SB-09 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	14,100		*10*	14,600		*10*	13,700		*10*	12,600		*10*	12,000		*10*	12,500		*10*
Antimony	NA	NA	4	*U*	*1*	3.8	*U*	*1*	3.4	*U*	*1*	3.6	*U*	*1*	4.1	*U*	*1*	3.9	*U*	*1*
Arsenic	13	16	6.92		*1*	5.66		*1*	8.27		*1*	4.71		*1*	5		*1*	5.72		*1*
Barium	350	400	286		*1*	95.4		*1*	337		*1*	54.8		*1*	104		*1*	189		*1*
Beryllium	7.2	72	0.62		*1*	0.73		*1*	0.59		*1*	0.66		*1*	0.61		*1*	0.56		*1*
Cadmium	2.5	4.3	0.65		*1*	0.5		*1*	1.31		*1*	0.57		*1*	0.55		*1*	0.67		*1*
Calcium	NA	NA	4,770		*1*	24,600		*10*	5,040		*1*	21,100		*10*	17,400		*10*	4,160		*1*
Chromium	30	180	18.7		*1*	27.6		*1*	21.3		*1*	18.3		*1*	28.9		*1*	20		*1*
Chromium (+6)	1	110	0.39	*U*	*1*	0.41	*U*	*1*	0.42	*U*	*1*	0.43	*U*	*1*	0.4	*U*	*1*	0.49	*U*	*1*
Cobalt	NA	NA	10.4		*1*	11.1		*1*	10.4		*1*	12.9		*1*	10.6		*1*	9.3		*1*
Copper	50	270	36.2		*1*	34.5		*1*	39.3		*1*	29.2		*1*	31		*1*	30		*1*
Iron	NA	NA	25,200		*1*	31,100		*1*	32,700		*1*	29,200		*1*	25,400		*1*	21,400		*1*
Lead	63	400	891		*1*	215		*1*	2,260		*1*	14.6		*1*	308		*1*	933		*1*
Magnesium	NA	NA	5,550		*1*	6,760		*1*	5,530		*1*	6,870		*1*	5,610		*1*	4,180		*1*
Manganese	1,600	2,000	659		*1*	680		*1*	590		*1*	968		*1*	650		*1*	609		*1*
Mercury	0.18	0.81	0.82		*2*	0.08		*2*	1.95		*5*	0.03	*J*	*2*	0.4		*2*	0.76		*2*
Nickel	30	310	23.5		*1*	26.8		*1*	26.9		*1*	26		*1*	23.2		*1*	22.9		*1*
Potassium	NA	NA	1,350		*10*	1,780		*10*	1,260		*10*	1,390		*10*	1,720		*10*	1,300		*10*
Selenium	3.9	180	1.6	*U*	*1*	1.5	*U*	*1*	2	*U*	*1*	1.4	*U*	*1*	1.6	*U*	*1*	1.5	*J*	*1*
Silver	2	180	0.4	*U*	*1*	0.38	*U*	*1*	0.34	*U*	*1*	0.36	*U*	*1*	0.41	*U*	*1*	0.39	*U*	*1*
Sodium	NA	NA	77		*1*	233		*1*	73		*1*	191		*1*	268		*1*	52		*1*
Thallium	NA	NA	1.6	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*	1.6	*U*	*1*	1.5	*U*	*1*
Vanadium	NA	NA	29.7		*1*	23.7		*1*	37.6		*1*	19.8		*1*	22.5		*1*	33.3		*1*
Zinc	109	10,000	227		*1*	123		*1*	535		*1*	88.9		*1*	129		*1*	234		*1*
Cyanide (total)	27	27	0.57	*U*	*1*	0.57	*U*	*1*	3.21		*1*	0.57	*U*	*1*	0.58	*U*	*1*	1.01		*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-09 10-12.5			2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	14,600		*10*	12,700		*10*	14,400		*10*	15,300		*10*	12,300		*10*	14,100		*10*
Antimony	NA	NA	3.3	*U*	*1*	3.6	*U*	*1*	3.8	*U*	*1*	3.6	*U*	*1*	3.6	*U*	*1*	4.1	*U*	*1*
Arsenic	13	16	5.32		*1*	4.59		*1*	9.01		*1*	4.95		*1*	6.77		*1*	8.56		*1*
Barium	350	400	55.8		*1*	44.7		*1*	595		*1*	57.4		*1*	46.5		*1*	179		*1*
Beryllium	7.2	72	0.79		*1*	0.73		*1*	0.58		*1*	0.8		*1*	0.58		*1*	0.73		*1*
Cadmium	2.5	4.3	0.6		*1*	0.49		*1*	1.17		*1*	0.59		*1*	1.25		*1*	0.71		*1*
Calcium	NA	NA	2,080		*1*	1,910		*1*	21,200		*10*	2,360		*1*	52,300		*10*	5,040		*1*
Chromium	30	180	21.3		*1*	18.1		*1*	20.5		*1*	20		*1*	15.9		*1*	20.4		*1*
Chromium (+6)	1	110	0.38	*U*	*1*	0.43	*U*	*1*	0.4	*U*	*1*	0.4	*U*	*1*	0.4	*U*	*1*	0.47	*U*	*1*
Cobalt	NA	NA	13.4		*1*	11.9		*1*	9.23		*1*	12.6		*1*	12.4		*1*	10		*1*
Copper	50	270	41.3		*1*	36.3		*1*	43.1		*1*	38.8		*1*	56.9		*1*	51.2		*1*
Iron	NA	NA	33,000		*1*	30,300		*1*	24,100		*1*	34,700		*1*	29,200		*1*	25,200		*1*
Lead	63	400	18.3		*1*	14.5		*1*	3,170		*1*	33		*1*	33.6		*1*	899		*1*
Magnesium	NA	NA	5,500		*1*	5,340		*1*	6,070		*1*	5,920		*1*	8,650		*1*	4,530		*1*
Manganese	1,600	2,000	852		*1*	534		*1*	567		*1*	805		*1*	965		*1*	591		*1*
Mercury	0.18	0.81	0.04		*2*	0.03	*U*	*2*	1.23		*2*	0.02	*J*	*2*	0.03	*J*	*2*	2.03		*5*
Nickel	30	310	30.5		*1*	26.1		*1*	20.2		*1*	28.3		*1*	41.4		*1*	23.7		*1*
Potassium	NA	NA	1,630		*10*	1,450		*10*	1,520		*10*	1,700		*10*	1,540		*10*	1,790		*10*
Selenium	3.9	180	1.3	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*	1.6	*U*	*1*
Silver	2	180	0.33	*U*	*1*	0.36	*U*	*1*	0.38	*U*	*1*	0.36	*U*	*1*	0.36	*U*	*1*	0.51		*1*
Sodium	NA	NA	118		*1*	138		*1*	176		*1*	339		*1*	193		*1*	75		*1*
Thallium	NA	NA	1.3	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*	1.6	*U*	*1*
Vanadium	NA	NA	23.4		*1*	22.1		*1*	24.3		*1*	22		*1*	22.7		*1*	30.1		*1*
Zinc	109	10,000	105		*1*	99.6		*1*	529		*10*	105		*1*	470		*10*	256		*1*
Cyanide (total)	27	27	0.55	*U*	*1*	0.56	*U*	*1*	0.57	*U*	*1*	0.55	*U*	*1*	0.53	*U*	*1*	0.62	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-11 0-5			2SB-11 13-15			2SB-12 SURF			2SB-12 4-6			2SB-12 8-10			2SB-13 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	15,700		*10*	12,800		*10*	12,700		*10*	11,600		*10*	19,300		*10*	13,000		*10*
Antimony	NA	NA	4.1	*U*	*1*	3.2	*U*	*1*	4.5	*U*	*1*	3.6	*U*	*1*	3.5	*U*	*1*	3.5	*U*	*1*
Arsenic	13	16	7.4		*1*	4.54		*1*	7.38		*1*	14.2		*1*	8.37		*1*	7.87		*1*
Barium	350	400	156		*1*	49.8		*1*	226		*1*	352		*1*	89.1		*1*	525		*1*
Beryllium	7.2	72	0.66		*1*	0.68		*1*	0.61		*1*	0.86		*1*	1.12		*1*	0.57		*1*
Cadmium	2.5	4.3	0.44		*1*	0.48		*1*	0.72		*1*	1.15		*1*	0.59		*1*	1.18		*1*
Calcium	NA	NA	2,120		*1*	24,800		*10*	7,100		*1*	8,080		*1*	5,850		*1*	21,400		*10*
Chromium	30	180	20.1		*1*	16.6		*1*	18.8		*1*	24.4		*1*	24.6		*1*	29.6		*1*
Chromium (+6)	1	110	0.41	*U*	*1*	0.42	*U*	*1*	1.3	*U*	*1*	0.44	*U*	*1*	0.41	*U*	*1*	0.44	*U*	*1*
Cobalt	NA	NA	11		*1*	11		*1*	10.2		*1*	10.1		*1*	15.6		*1*	9.75		*1*
Copper	50	270	49.3		*1*	35.9		*1*	51.2		*1*	405		*1*	52.9		*1*	81.1		*1*
Iron	NA	NA	27,600		*1*	29,200		*1*	22,900		*1*	20,500		*1*	40,600		*10*	24,700		*1*
Lead	63	400	558		*1*	11		*1*	940		*1*	1,480		*1*	21.8		*1*	2,130		*1*
Magnesium	NA	NA	4,790		*1*	7,530		*1*	4,340		*1*	4,180		*1*	7,790		*1*	5,940		*1*
Manganese	1,600	2,000	693		*1*	482		*1*	663		*1*	705		*1*	423		*1*	633		*1*
Mercury	0.18	0.81	2.69		*5*	0.02	*J*	*2*	3.42		*10*	1.74		*5*	0.13		*2*	1.24		*5*
Nickel	30	310	23		*1*	24.2		*1*	23.2		*1*	23.7		*1*	33.7		*1*	24.2		*1*
Potassium	NA	NA	1,610		*10*	1,510		*10*	1,750		*10*	1,210		*10*	2,400		*10*	1,550		*10*
Selenium	3.9	180	1.6	*U*	*1*	1.3	*U*	*1*	1.8	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*
Silver	2	180	0.48		*1*	0.32	*U*	*1*	0.45	*U*	*1*	0.72		*1*	0.35	*U*	*1*	0.49		*1*
Sodium	NA	NA	76		*1*	149		*1*	88		*1*	151		*1*	71		*1*	157		*1*
Thallium	NA	NA	1.6	*U*	*1*	1.3	*U*	*1*	1.8	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*
Vanadium	NA	NA	23.1		*1*	19.3		*1*	29.7		*1*	35.3		*1*	29.4		*1*	40.8		*1*
Zinc	109	10,000	124		*1*	85.3		*1*	319		*1*	368		*1*	135		*1*	524		*10*
Cyanide (total)	27	27	0.57	*U*	*1*	0.55	*U*	*1*	0.68	*U*	*1*	0.3	*J*	*1*	0.55	*U*	*1*	0.59	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-13 0-5			2SB-13 8-10			2SB-14 SURF			2SB-14 0-5			2SB-14 10-12.5			2SB-15 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-03		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	16,900		*10*	13,300		*10*	12,700		*10*	15,500		*10*	14,200		*10*	13,300		*10*
Antimony	NA	NA	3.7	*U*	*1*	3.9	*U*	*1*	3.4	*U*	*1*	3.1	*U*	*1*	3.4	*U*	*1*	3.8	*U*	*1*
Arsenic	13	16	8.27		*1*	4.28		*1*	5.66		*1*	4.28		*1*	4.05		*1*	5.65		*1*
Barium	350	400	73.1		*1*	53.3		*1*	178		*1*	78.1		*1*	63.7		*1*	205		*1*
Beryllium	7.2	72	0.9		*1*	0.65		*1*	0.57		*1*	0.68		*1*	0.61		*1*	0.63		*1*
Cadmium	2.5	4.3	0.56		*1*	0.44		*1*	0.64		*1*	0.41		*1*	0.6		*1*	0.62		*1*
Calcium	NA	NA	1,880		*1*	56,700		*10*	5,040		*1*	5,530		*1*	1,730		*1*	14,400		*10*
Chromium	30	180	23.8		*1*	17.1		*1*	16.6		*1*	17.5		*1*	16.9		*1*	19.1		*1*
Chromium (+6)	1	110	0.4	*U*	*1*	0.43	*U*	*1*	0.41	*U*	*1*	0.39	*U*	*1*	0.41	*U*	*1*	0.4	*U*	*1*
Cobalt	NA	NA	14.2		*1*	9.83		*1*	8.49		*1*	10.1		*1*	12		*1*	10		*1*
Copper	50	270	44.6		*1*	30		*1*	43.8		*1*	30.9		*1*	34.6		*1*	36.8		*1*
Iron	NA	NA	37,200		*1*	27,100		*1*	21,600		*1*	27,300		*1*	33,000		*1*	24,700		*1*
Lead	63	400	78.1		*1*	11.9		*1*	670		*1*	70.9		*1*	12.3		*1*	667		*1*
Magnesium	NA	NA	6,020		*1*	24,300		*1*	4,140		*1*	4,770		*1*	6,340		*1*	7,090		*1*
Manganese	1,600	2,000	633		*1*	488		*1*	624		*1*	665		*1*	1,140		*1*	569		*1*
Mercury	0.18	0.81	0.66		*2*	0.03	*J*	*2*	1.18		*5*	0.31		*2*	0.03	*U*	*2*	0.52		*2*
Nickel	30	310	28.6		*1*	22.8		*1*	21.1		*1*	21.3		*1*	28.3		*1*	25.4		*1*
Potassium	NA	NA	2,010		*10*	2,010		*10*	1,460		*10*	1,190		*10*	1,370		*10*	1,700		*10*
Selenium	3.9	180	1.5	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.3	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*
Silver	2	180	0.37	*U*	*1*	0.39	*U*	*1*	0.34	*U*	*1*	0.31	*U*	*1*	0.34	*U*	*1*	0.38	*U*	*1*
Sodium	NA	NA	55		*1*	132		*1*	74		*1*	44		*1*	54		*1*	118		*1*
Thallium	NA	NA	1.5	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.3	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*
Vanadium	NA	NA	28.8		*1*	19.2		*1*	27.5		*1*	21.1		*1*	19.3		*1*	32		*1*
Zinc	109	10,000	101		*1*	78		*1*	226		*1*	81.8		*1*	90.8		*1*	284		*1*
Cyanide (total)	27	27	0.55	*U*	*1*	0.55	*U*	*1*	0.55	*U*	*1*	0.53	*U*	*1*	0.55	*U*	*1*	0.55	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-15 0-5			DUP-20251003			2SB-15 10-12			2SB-16 SURF			2SB-16 10-12			2SB-17 SURF		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	16,200		*10*	15,600		*10*	16,100		*10*	10,000		*10*	14,600		*10*	13,800		*10*
Antimony	NA	NA	3.3	*U*	*1*	3.6	*U*	*1*	3.2	*U*	*1*	3.5	*U*	*1*	3.8	*U*	*1*	3.5	*U*	*1*
Arsenic	13	16	3.33		*1*	7.03		*1*	6.05		*1*	5.94		*1*	4.95		*1*	4.96		*1*
Barium	350	400	81.4		*1*	278		*1*	67.5		*1*	187		*1*	98.8		*1*	368		*1*
Beryllium	7.2	72	0.63		*1*	0.72		*1*	0.89		*1*	0.47		*1*	0.66		*1*	0.58		*1*
Cadmium	2.5	4.3	0.33	*U*	*1*	0.5		*1*	0.37		*1*	0.49		*1*	0.38	*U*	*1*	0.46		*1*
Calcium	NA	NA	1,110		*1*	25,300		*10*	9,910		*1*	4,790		*1*	31,500		*10*	47,700		*10*
Chromium	30	180	16.3		*1*	20.7		*1*	21.1		*1*	13.2		*1*	19.3		*1*	20.4		*1*
Chromium (+6)	1	110	0.4	*U*	*1*	0.4	*U*	*1*	0.37	*U*	*1*	0.39	*U*	*1*	0.4	*U*	*1*	0.41	*U*	*1*
Cobalt	NA	NA	10.3		*1*	10		*1*	15		*1*	6.31		*1*	9.58		*1*	8.56		*1*
Copper	50	270	19.4		*1*	61.9		*1*	42.4		*1*	29.3		*1*	29.9		*1*	27.2		*1*
Iron	NA	NA	23,600		*1*	25,700		*1*	33,300		*1*	16,300		*1*	28,000		*1*	23,100		*1*
Lead	63	400	66.5		*1*	668		*1*	16.9		*1*	500		*1*	105		*1*	1,120		*1*
Magnesium	NA	NA	4,000		*1*	5,800		*1*	6,000		*1*	3,300		*1*	7,980		*1*	5,820		*1*
Manganese	1,600	2,000	838		*1*	624		*1*	648		*1*	548		*1*	594		*1*	600		*1*
Mercury	0.18	0.81	0.23		*2*	3.47		*20*	0.03	*U*	*2*	0.36		*2*	0.06		*2*	0.24		*2*
Nickel	30	310	18.3		*1*	22.2		*1*	31.8		*1*	16.7		*1*	23.9		*1*	18.6		*1*
Potassium	NA	NA	1,270		*10*	1,770		*10*	2,010		*10*	1,180		*10*	2,160		*10*	1,780		*10*
Selenium	3.9	180	1.3	*U*	*1*	1.4	*U*	*1*	1.3	*U*	*1*	2	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*
Silver	2	180	0.33	*U*	*1*	0.36	*U*	*1*	0.32	*U*	*1*	0.35	*U*	*1*	0.38	*U*	*1*	0.35	*U*	*1*
Sodium	NA	NA	68		*1*	159		*1*	157		*1*	50		*1*	154		*1*	283		*1*
Thallium	NA	NA	1.3	*U*	*1*	1.4	*U*	*1*	1.3	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*
Vanadium	NA	NA	24.4		*1*	28		*1*	22.7		*1*	24.1		*1*	22.3		*1*	21.9		*1*
Zinc	109	10,000	80.3		*1*	335		*1*	91.4		*1*	238		*1*	101		*1*	206		*1*
Cyanide (total)	27	27	0.53	*U*	*1*	0.53	*U*	*1*	0.54	*U*	*1*	0.55	*U*	*1*	0.53	*U*	*1*	0.54	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	2SB-17 0-5			2SB-17 10-12			2SB-18 SURF			2SB-18 10-15			2SB-19 SURF			2SB-19 0-5		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	16,700		*10*	13,000		*10*	12,200		*10*	14,000		*10*	12,600		*10*	17,100		*10*
Antimony	NA	NA	3.6	*U*	*1*	3.5	*U*	*1*	3.9	*U*	*1*	3.4	*U*	*1*	3.7	*U*	*1*	3.2	*U*	*1*
Arsenic	13	16	5.28		*1*	4.44		*1*	6.16		*1*	4.52		*1*	6.03		*1*	7.88		*1*
Barium	350	400	86.8		*1*	90.2		*1*	383		*1*	57.9		*1*	188		*1*	106		*1*
Beryllium	7.2	72	0.83		*1*	0.66		*1*	0.53		*1*	0.63		*1*	0.62		*1*	0.96		*1*
Cadmium	2.5	4.3	0.36	*U*	*1*	0.35	*U*	*1*	0.73		*1*	0.34	*U*	*1*	0.58		*1*	0.41		*1*
Calcium	NA	NA	1,710		*1*	10,000		*1*	35,400		*10*	20,700		*10*	5,640		*1*	2,530		*1*
Chromium	30	180	20.9		*1*	27.9		*1*	17.8		*1*	15.2		*1*	17.8		*1*	23.4		*1*
Chromium (+6)	1	110	0.41	*U*	*1*	0.36	*U*	*1*	0.42	*U*	*1*	0.4	*U*	*1*	0.43	*U*	*1*	0.41	*U*	*1*
Cobalt	NA	NA	12.8		*1*	11.8		*1*	9.43		*1*	9.97		*1*	9.65		*1*	13.7		*1*
Copper	50	270	32.6		*1*	26.3		*1*	44.1		*1*	25.7		*1*	37.7		*1*	56		*1*
Iron	NA	NA	31,000		*1*	29,300		*1*	23,500		*1*	29,300		*1*	22,600		*1*	37,200		*1*
Lead	63	400	41.3		*1*	39.3		*1*	1,640		*1*	13.7		*1*	770		*1*	177		*1*
Magnesium	NA	NA	5,360		*1*	5,690		*1*	7,110		*1*	9,240		*1*	4,680		*1*	5,880		*1*
Manganese	1,600	2,000	684		*1*	2,170		*1*	615		*1*	616		*1*	644		*1*	497		*1*
Mercury	0.18	0.81	0.05		*2*	0.06		*2*	0.49		*2*	0.03	*U*	*2*	0.51		*2*	0.41		*2*
Nickel	30	310	26.9		*1*	22.9		*1*	22.1		*1*	23.9		*1*	22.8		*1*	29.5		*1*
Potassium	NA	NA	1,910		*10*	2,020		*10*	1,460		*10*	1,490		*10*	2,010		*10*	1,730		*10*
Selenium	3.9	180	1.4	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.3	*U*	*1*
Silver	2	180	0.36	*U*	*1*	0.35	*U*	*1*	0.39	*U*	*1*	0.34	*U*	*1*	0.37	*U*	*1*	0.32	*U*	*1*
Sodium	NA	NA	92		*1*	165		*1*	163		*1*	124		*1*	106		*1*	157		*1*
Thallium	NA	NA	1.4	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.5	*U*	*1*	1.3	*U*	*1*
Vanadium	NA	NA	25.4		*1*	20.8		*1*	26.7		*1*	20.9		*1*	31.1		*1*	28.5		*1*
Zinc	109	10,000	103		*1*	71.9		*1*	443		*1*	62.8		*1*	266		*1*	151		*1*
Cyanide (total)	27	27	0.54	*U*	*1*	0.53	*U*	*1*	0.55	*U*	*1*	0.54	*U*	*1*	0.55	*U*	*1*	0.54	*U*	*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 4: TAL Metals in Soil

All data in mg/Kg (ppm)		Sample	DUP2-20251003			2SB-19 10-13			2SB-20 SURF			2SB-20 0-5			2SB-20 5-8		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Metals (6010/7473)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	NA	12,300		*10*	12,500		*10*	10,900		*10*	15,200		*10*	15,100		*10*
Antimony	NA	NA	3.2	*U*	*1*	3.1	*U*	*1*	3.8	*U*	*1*	3.6	*U*	*1*	3.5	*U*	*1*
Arsenic	13	16	3.75		*1*	3.99		*1*	5.9		*1*	6.28		*1*	5.11		*1*
Barium	350	400	57.6		*1*	56.1		*1*	232		*1*	267		*1*	61.4		*1*
Beryllium	7.2	72	0.63		*1*	0.65		*1*	0.52		*1*	0.69		*1*	0.75		*1*
Cadmium	2.5	4.3	0.32	*U*	*1*	0.31	*U*	*1*	0.64		*1*	0.51		*1*	0.36		*1*
Calcium	NA	NA	27,300		*10*	22,600		*10*	6,290		*1*	6,630		*1*	2,250		*1*
Chromium	30	180	16		*1*	15.2		*1*	16.1		*1*	20.6		*1*	18.6		*1*
Chromium (+6)	1	110	0.38	*U*	*1*	0.37	*U*	*1*	0.43	*U*	*1*	0.36	*U*	*1*	0.41	*U*	*1*
Cobalt	NA	NA	9.87		*1*	10.3		*1*	7.47		*1*	11.6		*1*	12.4		*1*
Copper	50	270	41.4		*1*	26.5		*1*	31.5		*1*	40		*1*	34.7		*1*
Iron	NA	NA	23,200		*1*	26,400		*1*	19,200		*1*	27,200		*1*	31,400		*1*
Lead	63	400	44.8		*1*	14.9		*1*	1,050		*1*	1,470		*1*	17.8		*1*
Magnesium	NA	NA	6,580		*1*	6,900		*1*	4,090		*1*	5,500		*1*	5,290		*1*
Manganese	1,600	2,000	548		*1*	584		*1*	573		*1*	615		*1*	570		*1*
Mercury	0.18	0.81	0.05		*2*	0.03	*U*	*2*	0.41		*2*	0.51		*2*	0.03	*J*	*2*
Nickel	30	310	20.8		*1*	21.9		*1*	20		*1*	24.7		*1*	27.1		*1*
Potassium	NA	NA	1,930		*10*	1,690		*10*	1,520		*10*	1,790		*10*	2,120		*10*
Selenium	3.9	180	1.3	*U*	*1*	1.2	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*
Silver	2	180	0.32	*U*	*1*	0.31	*U*	*1*	0.38	*U*	*1*	0.36	*U*	*1*	0.35	*U*	*1*
Sodium	NA	NA	255		*1*	250		*1*	107		*1*	127		*1*	334		*1*
Thallium	NA	NA	1.3	*U*	*1*	1.2	*U*	*1*	1.5	*U*	*1*	1.4	*U*	*1*	1.4	*U*	*1*
Vanadium	NA	NA	19.2		*1*	18.5		*1*	30.5		*1*	27.5		*1*	22.8		*1*
Zinc	109	10,000	76.1		*1*	65.7		*1*	337		*1*	263		*1*	81.2		*1*
Cyanide (total)	27	27	0.53	*U*	*1*	0.53	*U*	*1*	0.56	*U*	*1*	0.53	*U*	*1*	0.79		*1*

value ≤ UU SCO
value > UU SCO
value > RRU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-01 SURF			2SB-01 5-7.5			DUP-20251001			2SB-01 7.5-10			2SB-02 SURF		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0022	*U*	*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0024	*U*	*2*	0.0023	*U*	*2*
4,4' -DDE	0.003	8.9	0.0022	*U*	*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0024	*U*	*2*	0.0023	*U*	*2*
4,4' -DDT	0.003	7.9	0.0022	*U*	*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0024	*U*	*2*	0.031		*2*
a-BHC	0.02	0.48	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
a-Chlordane	0.094	4.2	0.0037	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.004	*U*	*2*	0.0039	*U*	*2*
Alachlor	NA	NA	0.0037	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.004	*U*	*2*	0.0039	*U*	*2*
Aldrin	0.005	0.097	0.0037	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.004	*U*	*2*	0.0039	*U*	*2*
b-BHC	0.036	0.36	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Chlordane	NA	NA	0.037	*U*	*2*	0.039	*U*	*2*	0.038	*U*	*2*	0.04	*U*	*2*	0.039	*U*	*2*
d-BHC	0.04	100	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Dieldrin	0.005	0.2	0.0037	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.004	*U*	*2*	0.0039	*U*	*2*
Endosulfan I	2.4	24	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Endosulfan II	2.4	24	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Endosulfan sulfate	2.4	24	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Endrin	0.014	11	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Endrin aldehyde	NA	NA	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Endrin ketone	NA	NA	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.0016	*U*	*2*	0.0015	*U*	*2*	0.0016	*U*	*2*	0.0015	*U*	*2*
g-Chlordane	NA	NA	0.0037	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.004	*U*	*2*	0.0039	*U*	*2*
Heptachlor	0.042	2.1	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Heptachlor epoxide	NA	NA	0.0073	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0079	*U*	*2*	0.0077	*U*	*2*
Methoxychlor	NA	NA	0.037	*U*	*2*	0.039	*U*	*2*	0.038	*U*	*2*	0.04	*U*	*2*	0.039	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.16	*U*	*2*	0.15	*U*	*2*	0.16	*U*	*2*	0.15	*U*	*2*

		Sample	2SB-01 SURF			2SB-01 5-7.5			DUP-20251001			2SB-01 7.5-10			2SB-02 SURF		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1221	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1232	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1242	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1248	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1254	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1260	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1262	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
PCB-1268	0.1	1	0.073	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.079	*U*	*2*	0.077	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-01 SURF			2SB-01 5-7.5			DUP-20251001			2SB-01 7.5-10			2SB-02 SURF		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*
2,4-D	NA	NA	0.28	*U*	*10*	0.3	*U*	*10*	0.29	*U*	*10*	0.29	*U*	*10*	0.3	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.5	*U*	*10*	1.5	*U*	*10*	1.5	*U*	*10*	1.5	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*	0.15	*U*	*10*
Dichloroprop	NA	NA	0.28	*U*	*10*	0.3	*U*	*10*	0.29	*U*	*10*	0.29	*U*	*10*	0.3	*U*	*10*
Dinoseb	NA	NA	0.28	*U*	*10*	0.3	*U*	*10*	0.29	*U*	*10*	0.29	*U*	*10*	0.3	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-02 5-7.5			2SB-02 7.5-10			2SB-03 SURF			2SB-03 10-12.5			2SB-03 12.5-15		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0023	*U*	*2*	0.0025	*U*	*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0023	*U*	*2*
4,4' -DDE	0.003	8.9	0.0023	*U*	*2*	0.0025	*U*	*2*	0.0028		*2*	0.0023	*U*	*2*	0.0023	*U*	*2*
4,4' -DDT	0.003	7.9	0.0023	*U*	*2*	0.0025	*U*	*2*	0.012		*2*	0.0023	*U*	*2*	0.0023	*U*	*2*
a-BHC	0.02	0.48	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
a-Chlordane	0.094	4.2	0.0039	*U*	*2*	0.0041	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*
Alachlor	NA	NA	0.0039	*U*	*2*	0.0041	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*
Aldrin	0.005	0.097	0.0039	*U*	*2*	0.0041	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*
b-BHC	0.036	0.36	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Chlordane	NA	NA	0.039	*U*	*2*	0.041	*U*	*2*	0.039	*U*	*2*	0.038	*U*	*2*	0.038	*U*	*2*
d-BHC	0.04	100	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Dieldrin	0.005	0.2	0.0039	*U*	*2*	0.0041	*U*	*2*	0.0039	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*
Endosulfan I	2.4	24	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endosulfan II	2.4	24	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endosulfan sulfate	2.4	24	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endrin	0.014	11	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endrin aldehyde	NA	NA	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endrin ketone	NA	NA	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.0017	*U*	*2*	0.0016	*U*	*2*	0.0015	*U*	*2*	0.0015	*U*	*2*
g-Chlordane	NA	NA	0.0039	*U*	*2*	0.0041	*U*	*2*	0.0045		*2*	0.0038	*U*	*2*	0.0038	*U*	*2*
Heptachlor	0.042	2.1	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Heptachlor epoxide	NA	NA	0.0077	*U*	*2*	0.0083	*U*	*2*	0.0078	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Methoxychlor	NA	NA	0.039	*U*	*2*	0.041	*U*	*2*	0.039	*U*	*2*	0.038	*U*	*2*	0.038	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.17	*U*	*2*	0.16	*U*	*2*	0.15	*U*	*2*	0.15	*U*	*2*

		Sample	2SB-02 5-7.5			2SB-02 7.5-10			2SB-03 SURF			2SB-03 10-12.5			2SB-03 12.5-15		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1221	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1232	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1242	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1248	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1254	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1260	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1262	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1268	0.1	1	0.077	*U*	*2*	0.083	*U*	*2*	0.078	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-02 5-7.5			2SB-02 7.5-10			2SB-03 SURF			2SB-03 10-12.5			2SB-03 12.5-15		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.15	*U*	*10*	0.16	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.15	*U*	*10*	0.16	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
2,4-D	NA	NA	0.29	*U*	*10*	0.31	*U*	*10*	0.29	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*
2,4-DB	NA	NA	1.5	*U*	*10*	1.6	*U*	*10*	1.5	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*
Dalapon	NA	NA	0.15	*U*	*10*	0.16	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
Dicamba	NA	NA	0.15	*U*	*10*	0.16	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
Dichloroprop	NA	NA	0.29	*U*	*10*	0.31	*U*	*10*	0.29	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*
Dinoseb	NA	NA	0.29	*U*	*10*	0.31	*U*	*10*	0.29	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-04 SURF			2SB-04 0-5			2SB-04 10-15			2SB-05 SURF			2SB-05 5-7		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0024	*U*	*2*	0.0023	*U*	*2*	0.0021	*U*	*2*	0.0025	*U*	*2*	0.0023	*U*	*2*
4,4' -DDE	0.003	8.9	0.042		*2*	0.023		*2*	0.0021	*U*	*2*	0.017		*2*	0.0023	*U*	*2*
4,4' -DDT	0.003	7.9	0.039		*2*	0.049		*2*	0.0021	*U*	*2*	0.031		*2*	0.0023	*U*	*2*
a-BHC	0.02	0.48	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
a-Chlordane	0.094	4.2	0.02		*2*	0.018		*2*	0.0036	*U*	*2*	0.031		*2*	0.0038	*U*	*2*
Alachlor	NA	NA	0.0039	*U*	*2*	0.0039	*U*	*2*	0.0036	*U*	*2*	0.0042	*U*	*2*	0.0038	*U*	*2*
Aldrin	0.005	0.097	0.0039	*U*	*2*	0.0039	*U*	*2*	0.0036	*U*	*2*	0.0042	*U*	*2*	0.0038	*U*	*2*
b-BHC	0.036	0.36	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Chlordane	NA	NA	0.11		*2*	0.087		*2*	0.036	*U*	*2*	0.19		*2*	0.038	*U*	*2*
d-BHC	0.04	100	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Dieldrin	0.005	0.2	0.006		*2*	0.013		*2*	0.0036	*U*	*2*	0.0042	*U*	*2*	0.0038	*U*	*2*
Endosulfan I	2.4	24	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Endosulfan II	2.4	24	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Endosulfan sulfate	2.4	24	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Endrin	0.014	11	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Endrin aldehyde	NA	NA	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Endrin ketone	NA	NA	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
g-BHC	0.1	1.3	0.0016	*U*	*2*	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0017	*U*	*2*	0.0015	*U*	*2*
g-Chlordane	NA	NA	0.027		*2*	0.02		*2*	0.0036	*U*	*2*	0.035		*2*	0.0038	*U*	*2*
Heptachlor	0.042	2.1	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Heptachlor epoxide	NA	NA	0.0079	*U*	*2*	0.0077	*U*	*2*	0.0071	*U*	*2*	0.0083	*U*	*2*	0.0076	*U*	*2*
Methoxychlor	NA	NA	0.039	*U*	*2*	0.039	*U*	*2*	0.036	*U*	*2*	0.042	*U*	*2*	0.038	*U*	*2*
Toxaphene	NA	NA	0.16	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*	0.17	*U*	*2*	0.15	*U*	*2*

		Sample	2SB-04 SURF			2SB-04 0-5			2SB-04 10-15			2SB-05 SURF			2SB-05 5-7		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1221	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1232	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1242	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1248	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1254	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1260	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1262	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
PCB-1268	0.1	1	0.079	*U*	*2*	0.077	*U*	*2*	0.071	*U*	*2*	0.083	*U*	*2*	0.076	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-04 SURF			2SB-04 0-5			2SB-04 10-15			2SB-05 SURF			2SB-05 5-7		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.15	*U*	*10*	0.15	*U*	*10*	0.13	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.15	*U*	*10*	0.15	*U*	*10*	0.13	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
2,4-D	NA	NA	0.29	*U*	*10*	0.29	*U*	*10*	0.27	*U*	*10*	0.31	*U*	*10*	0.29	*U*	*10*
2,4-DB	NA	NA	1.5	*U*	*10*	1.5	*U*	*10*	1.3	*U*	*10*	1.6	*U*	*10*	1.4	*U*	*10*
Dalapon	NA	NA	0.15	*U*	*10*	0.15	*U*	*10*	0.13	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
Dicamba	NA	NA	0.15	*U*	*10*	0.15	*U*	*10*	0.13	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
Dichloroprop	NA	NA	0.29	*U*	*10*	0.29	*U*	*10*	0.27	*U*	*10*	0.31	*U*	*10*	0.29	*U*	*10*
Dinoseb	NA	NA	0.29	*U*	*10*	0.29	*U*	*10*	0.27	*U*	*10*	0.31	*U*	*10*	0.29	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		**Sample**	**2SB-06 SURF**			**2SB-06 0-2.5**			**2SB-06 7.5-10**			**2SB-07 SURF**			**2SB-07 10-15**		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-02			2025-10-02		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0029	*U*	*2*	0.0023	*U*	*2*	0.0022	*U*	*2*	0.0023	*U*	*2*	0.0022	*U*	*2*
4,4' -DDE	0.003	8.9	0.0029	*U*	*2*	0.0023	*U*	*2*	0.0022	*U*	*2*	0.0045		*2*	0.0022	*U*	*2*
4,4' -DDT	0.003	7.9	0.0029	*U*	*2*	0.0023	*U*	*2*	0.0022	*U*	*2*	0.017		*2*	0.0022	*U*	*2*
a-BHC	0.02	0.48	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
a-Chlordane	0.094	4.2	0.0048	*U*	*2*	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0038	*U*	*2*	0.0037	*U*	*2*
Alachlor	NA	NA	0.0048	*U*	*2*	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0038	*U*	*2*	0.0037	*U*	*2*
Aldrin	0.005	0.097	0.0048	*U*	*2*	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0038	*U*	*2*	0.0037	*U*	*2*
b-BHC	0.036	0.36	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Chlordane	NA	NA	0.048	*U*	*2*	0.038	*U*	*2*	0.036	*U*	*2*	0.038	*U*	*2*	0.037	*U*	*2*
d-BHC	0.04	100	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Dieldrin	0.005	0.2	0.0048	*U*	*2*	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0038	*U*	*2*	0.0037	*U*	*2*
Endosulfan I	2.4	24	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endosulfan II	2.4	24	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endosulfan sulfate	2.4	24	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endrin	0.014	11	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endrin aldehyde	NA	NA	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Endrin ketone	NA	NA	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
g-BHC	0.1	1.3	0.0019	*U*	*2*	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0015	*U*	*2*	0.0015	*U*	*2*
g-Chlordane	NA	NA	0.0048	*U*	*2*	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0038	*U*	*2*	0.0037	*U*	*2*
Heptachlor	0.042	2.1	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Heptachlor epoxide	NA	NA	0.0096	*U*	*2*	0.0075	*U*	*2*	0.0072	*U*	*2*	0.0076	*U*	*2*	0.0075	*U*	*2*
Methoxychlor	NA	NA	0.048	*U*	*2*	0.038	*U*	*2*	0.036	*U*	*2*	0.038	*U*	*2*	0.037	*U*	*2*
Toxaphene	NA	NA	0.19	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*	0.15	*U*	*2*	0.15	*U*	*2*

		Sample	**2SB-06 SURF**			**2SB-06 0-2.5**			**2SB-06 7.5-10**			**2SB-07 SURF**			**2SB-07 10-15**		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-02			2025-10-02		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1221	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1232	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1242	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1248	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1254	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1260	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1262	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
PCB-1268	0.1	1	0.096	*U*	*2*	0.075	*U*	*2*	0.072	*U*	*2*	0.076	*U*	*2*	0.075	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	**2SB-06 SURF**			**2SB-06 0-2.5**			**2SB-06 7.5-10**			**2SB-07 SURF**			**2SB-07 10-15**		
		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-02			2025-10-02		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.18	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.18	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
2,4-D	NA	NA	0.35	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*
2,4-DB	NA	NA	1.8	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*
Dalapon	NA	NA	0.18	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
Dicamba	NA	NA	0.18	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*
Dichloroprop	NA	NA	0.35	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*
Dinoseb	NA	NA	0.35	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*	0.28	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-08 SURF			2SB-08 8-10			2SB-08 10-12			2SB-09 SURF			2SB-09 10-12.5		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0026	*U*	*2*	0.0022	*U*	*2*
4,4' -DDE	0.003	8.9	0.0069		*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0026	*U*	*2*	0.0022	*U*	*2*
4,4' -DDT	0.003	7.9	0.02		*2*	0.0023	*U*	*2*	0.0023	*U*	*2*	0.0073		*2*	0.0022	*U*	*2*
a-BHC	0.02	0.48	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
a-Chlordane	0.094	4.2	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0043	*U*	*2*	0.0036	*U*	*2*
Alachlor	NA	NA	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0043	*U*	*2*	0.0036	*U*	*2*
Aldrin	0.005	0.097	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0043	*U*	*2*	0.0036	*U*	*2*
b-BHC	0.036	0.36	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Chlordane	NA	NA	0.038	*U*	*2*	0.038	*U*	*2*	0.038	*U*	*2*	0.043	*U*	*2*	0.036	*U*	*2*
d-BHC	0.04	100	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Dieldrin	0.005	0.2	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0043	*U*	*2*	0.0036	*U*	*2*
Endosulfan I	2.4	24	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Endosulfan II	2.4	24	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Endosulfan sulfate	2.4	24	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Endrin	0.014	11	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Endrin aldehyde	NA	NA	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Endrin ketone	NA	NA	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.0015	*U*	*2*	0.0015	*U*	*2*	0.0017	*U*	*2*	0.0015	*U*	*2*
g-Chlordane	NA	NA	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0038	*U*	*2*	0.0043	*U*	*2*	0.0036	*U*	*2*
Heptachlor	0.042	2.1	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Heptachlor epoxide	NA	NA	0.0076	*U*	*2*	0.0075	*U*	*2*	0.0076	*U*	*2*	0.0086	*U*	*2*	0.0073	*U*	*2*
Methoxychlor	NA	NA	0.038	*U*	*2*	0.038	*U*	*2*	0.038	*U*	*2*	0.043	*U*	*2*	0.036	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.15	*U*	*2*	0.15	*U*	*2*	0.17	*U*	*2*	0.15	*U*	*2*

		Sample	2SB-08 SURF			2SB-08 8-10			2SB-08 10-12			2SB-09 SURF			2SB-09 10-12.5		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1221	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1232	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1242	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1248	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1254	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1260	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1262	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
PCB-1268	0.1	1	0.076	*U*	*2*	0.075	*U*	*2*	0.076	*U*	*2*	0.086	*U*	*2*	0.073	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-08 SURF			2SB-08 8-10			2SB-08 10-12			2SB-09 SURF			2SB-09 10-12.5		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
2,4-D	NA	NA	0.29	*U*	*10*	0.28	*U*	*10*	0.29	*U*	*10*	0.32	*U*	*10*	0.27	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*	1.6	*U*	*10*	1.4	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.16	*U*	*10*	0.14	*U*	*10*
Dichloroprop	NA	NA	0.29	*U*	*10*	0.28	*U*	*10*	0.29	*U*	*10*	0.32	*U*	*10*	0.27	*U*	*10*
Dinoseb	NA	NA	0.29	*U*	*10*	0.28	*U*	*10*	0.29	*U*	*10*	0.32	*U*	*10*	0.27	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0022	*U*	*2*	0.028		*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0024	*U*	*2*
4,4' -DDE	0.003	8.9	0.0022	*U*	*2*	0.033		*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0049		*2*
4,4' -DDT	0.003	7.9	0.0022	*U*	*2*	0.029		*2*	0.005	*U*	*2*	0.0021	*U*	*2*	0.0065		*2*
a-BHC	0.02	0.48	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
a-Chlordane	0.094	4.2	0.0037	*U*	*2*	0.011		*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.008	*U*	*2*
Alachlor	NA	NA	0.0037	*U*	*2*	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.004	*U*	*2*
Aldrin	0.005	0.097	0.0037	*U*	*2*	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.004	*U*	*2*
b-BHC	0.036	0.36	0.0074	*U*	*2*	0.02	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Chlordane	NA	NA	0.037	*U*	*2*	0.07		*2*	0.036	*U*	*2*	0.035	*U*	*2*	0.04	*U*	*2*
d-BHC	0.04	100	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Dieldrin	0.005	0.2	0.0037	*U*	*2*	0.026		*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.004	*U*	*2*
Endosulfan I	2.4	24	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Endosulfan II	2.4	24	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Endosulfan sulfate	2.4	24	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Endrin	0.014	11	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Endrin aldehyde	NA	NA	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Endrin ketone	NA	NA	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.075	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0016	*U*	*2*
g-Chlordane	NA	NA	0.0037	*U*	*2*	0.015		*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.008	*U*	*2*
Heptachlor	0.042	2.1	0.0074	*U*	*2*	0.02	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Heptachlor epoxide	NA	NA	0.0074	*U*	*2*	0.0075	*U*	*2*	0.0071	*U*	*2*	0.007	*U*	*2*	0.0081	*U*	*2*
Methoxychlor	NA	NA	0.037	*U*	*2*	0.037	*U*	*2*	0.036	*U*	*2*	0.035	*U*	*2*	0.04	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*	0.16	*U*	*2*

		Sample	2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1221	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1232	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1242	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1248	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1254	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1260	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1262	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
PCB-1268	0.1	1	0.074	*U*	*2*	0.075	*U*	*2*	0.071	*U*	*2*	0.07	*U*	*2*	0.081	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.15	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.15	*U*	*10*
2,4-D	NA	NA	0.28	*U*	*10*	0.28	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.31	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*	1.3	*U*	*10*	1.5	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.15	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.15	*U*	*10*
Dichloroprop	NA	NA	0.28	*U*	*10*	0.28	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.31	*U*	*10*
Dinoseb	NA	NA	0.28	*U*	*10*	0.28	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.31	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-11 0-5			2SB-11 13-15			2SB-12 SURF			2SB-12 4-6			2SB-12 8-10		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0022	*U*	*2*	0.0021	*U*	*2*	0.0027	*U*	*2*	0.01	*U*	*2*	0.0022	*U*	*2*
4,4' -DDE	0.003	8.9	0.0022	*U*	*2*	0.0021	*U*	*2*	0.008	*U*	*2*	0.01	*U*	*2*	0.0022	*U*	*2*
4,4' -DDT	0.003	7.9	0.003	*U*	*2*	0.0021	*U*	*2*	0.0027	*U*	*2*	0.01	*U*	*2*	0.0022	*U*	*2*
a-BHC	0.02	0.48	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
a-Chlordane	0.094	4.2	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0044	*U*	*2*	0.004	*U*	*2*	0.0036	*U*	*2*
Alachlor	NA	NA	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0044	*U*	*2*	0.004	*U*	*2*	0.0036	*U*	*2*
Aldrin	0.005	0.097	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0044	*U*	*2*	0.004	*U*	*2*	0.0036	*U*	*2*
b-BHC	0.036	0.36	0.0074	*U*	*2*	0.0072	*U*	*2*	0.015	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Chlordane	NA	NA	0.037	*U*	*2*	0.036	*U*	*2*	0.044	*U*	*2*	0.04	*U*	*2*	0.036	*U*	*2*
d-BHC	0.04	100	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Dieldrin	0.005	0.2	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0044	*U*	*2*	0.004	*U*	*2*	0.0036	*U*	*2*
Endosulfan I	2.4	24	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Endosulfan II	2.4	24	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Endosulfan sulfate	2.4	24	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Endrin	0.014	11	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Endrin aldehyde	NA	NA	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Endrin ketone	NA	NA	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0018	*U*	*2*	0.0016	*U*	*2*	0.0014	*U*	*2*
g-Chlordane	NA	NA	0.0037	*U*	*2*	0.0036	*U*	*2*	0.0044	*U*	*2*	0.004	*U*	*2*	0.0036	*U*	*2*
Heptachlor	0.042	2.1	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Heptachlor epoxide	NA	NA	0.0074	*U*	*2*	0.0072	*U*	*2*	0.0089	*U*	*2*	0.0079	*U*	*2*	0.0072	*U*	*2*
Methoxychlor	NA	NA	0.037	*U*	*2*	0.036	*U*	*2*	0.044	*U*	*2*	0.04	*U*	*2*	0.036	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.14	*U*	*2*	0.18	*U*	*2*	0.16	*U*	*2*	0.14	*U*	*2*

		Sample	2SB-11 0-5			2SB-11 13-15			2SB-12 SURF			2SB-12 4-6			2SB-12 8-10		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1221	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1232	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1242	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1248	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1254	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1260	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1262	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
PCB-1268	0.1	1	0.074	*U*	*2*	0.072	*U*	*2*	0.089	*U*	*2*	0.079	*U*	*2*	0.072	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-11 0-5			2SB-11 13-15			2SB-12 SURF			2SB-12 4-6			2SB-12 8-10		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.17	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.13	*U*	*10*	0.17	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*
2,4-D	NA	NA	0.28	*U*	*10*	0.27	*U*	*10*	0.34	*U*	*10*	0.29	*U*	*10*	0.27	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.3	*U*	*10*	1.7	*U*	*10*	1.5	*U*	*10*	1.4	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.17	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.17	*U*	*10*	0.15	*U*	*10*	0.14	*U*	*10*
Dichloroprop	NA	NA	0.28	*U*	*10*	0.27	*U*	*10*	0.34	*U*	*10*	0.29	*U*	*10*	0.27	*U*	*10*
Dinoseb	NA	NA	0.28	*U*	*10*	0.27	*U*	*10*	0.34	*U*	*10*	0.29	*U*	*10*	0.27	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		**Sample**	**2SB-13 SURF**			**2SB-13 0-5**			**2SB-13 8-10**			**2SB-14 SURF**			**2SB-14 0-5**		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0023	*U*	*2*	0.0046		*2*	0.0021	*U*	*2*	0.0022	*U*	*2*	0.0021	*U*	*2*
4,4' -DDE	0.003	8.9	0.035		*2*	0.027		*2*	0.0021	*U*	*2*	0.0031		*2*	0.0021	*U*	*2*
4,4' -DDT	0.003	7.9	0.056		*2*	0.038		*2*	0.0021	*U*	*2*	0.0086		*2*	0.0021	*U*	*2*
a-BHC	0.02	0.48	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
a-Chlordane	0.094	4.2	0.01	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*
Alachlor	NA	NA	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*
Aldrin	0.005	0.097	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*
b-BHC	0.036	0.36	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Chlordane	NA	NA	0.038	*U*	*2*	0.036	*U*	*2*	0.036	*U*	*2*	0.037	*U*	*2*	0.035	*U*	*2*
d-BHC	0.04	100	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Dieldrin	0.005	0.2	0.0038	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*
Endosulfan I	2.4	24	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Endosulfan II	2.4	24	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Endosulfan sulfate	2.4	24	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Endrin	0.014	11	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Endrin aldehyde	NA	NA	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Endrin ketone	NA	NA	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0015	*U*	*2*	0.0014	*U*	*2*
g-Chlordane	NA	NA	0.01	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*
Heptachlor	0.042	2.1	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Heptachlor epoxide	NA	NA	0.0077	*U*	*2*	0.0073	*U*	*2*	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*
Methoxychlor	NA	NA	0.038	*U*	*2*	0.036	*U*	*2*	0.036	*U*	*2*	0.037	*U*	*2*	0.035	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*

		Sample	**2SB-13 SURF**			**2SB-13 0-5**			**2SB-13 8-10**			**2SB-14 SURF**			**2SB-14 0-5**		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1221	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1232	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1242	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1248	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1254	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1260	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1262	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
PCB-1268	0.1	1	0.077	*U*	*2*	0.073	*U*	*2*	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	**2SB-13 SURF**			**2SB-13 0-5**			**2SB-13 8-10**			**2SB-14 SURF**			**2SB-14 0-5**		
		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*
2,4-D	NA	NA	0.29	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*
2,4-DB	NA	NA	1.5	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*	1.4	*U*	*10*	1.3	*U*	*10*
Dalapon	NA	NA	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*
Dicamba	NA	NA	0.15	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*
Dichloroprop	NA	NA	0.29	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*
Dinoseb	NA	NA	0.29	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		**Sample**	**2SB-14 10-12.5**			**2SB-15 SURF**			**2SB-15 0-5**			**DUP-20251003**			**2SB-15 10-12**		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0022	*U*	*2*	0.0071		*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDE	0.003	8.9	0.0022	*U*	*2*	0.013		*2*	0.0021	*U*	*2*	0.038		*2*	0.0021	*U*	*2*
4,4' -DDT	0.003	7.9	0.0022	*U*	*2*	0.069		*2*	0.0021	*U*	*2*	0.043		*2*	0.0021	*U*	*2*
a-BHC	0.02	0.48	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
a-Chlordane	0.094	4.2	0.0036	*U*	*2*	0.0089		*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*
Alachlor	NA	NA	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*
Aldrin	0.005	0.097	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*
b-BHC	0.036	0.36	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Chlordane	NA	NA	0.036	*U*	*2*	0.05	*U*	*2*	0.034	*U*	*2*	0.035	*U*	*2*	0.036	*U*	*2*
d-BHC	0.04	100	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Dieldrin	0.005	0.2	0.0036	*U*	*2*	0.0037	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*
Endosulfan I	2.4	24	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endosulfan II	2.4	24	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endosulfan sulfate	2.4	24	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endrin	0.014	11	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endrin aldehyde	NA	NA	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endrin ketone	NA	NA	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
g-BHC	0.1	1.3	0.0014	*U*	*2*	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*
g-Chlordane	NA	NA	0.0036	*U*	*2*	0.0055		*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*
Heptachlor	0.042	2.1	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Heptachlor epoxide	NA	NA	0.0072	*U*	*2*	0.0073	*U*	*2*	0.0069	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Methoxychlor	NA	NA	0.036	*U*	*2*	0.037	*U*	*2*	0.034	*U*	*2*	0.035	*U*	*2*	0.036	*U*	*2*
Toxaphene	NA	NA	0.14	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*

		Sample	**2SB-14 10-12.5**			**2SB-15 SURF**			**2SB-15 0-5**			**DUP-20251003**			**2SB-15 10-12**		
		Date	2025-10-02			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1221	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1232	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1242	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1248	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1254	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1260	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1262	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1268	0.1	1	0.072	*U*	*2*	0.073	*U*	*2*	0.069	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	**2SB-14 10-12.5**			**2SB-15 SURF**			**2SB-15 0-5**			**DUP-20251003**			**2SB-15 10-12**		
		Date	2025-10-02			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4-D	NA	NA	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.4	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dichloroprop	NA	NA	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*
Dinoseb	NA	NA	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-16 SURF			2SB-16 10-12			2SB-17 SURF			2SB-17 0-5			2SB-17 10-12		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDE	0.003	8.9	0.01	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDT	0.003	7.9	0.01	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
a-BHC	0.02	0.48	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
a-Chlordane	0.094	4.2	0.0036	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*	0.0034	*U*	*2*
Alachlor	NA	NA	0.0036	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*	0.0034	*U*	*2*
Aldrin	0.005	0.097	0.0036	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*	0.0034	*U*	*2*
b-BHC	0.036	0.36	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Chlordane	NA	NA	0.036	*U*	*2*	0.034	*U*	*2*	0.035	*U*	*2*	0.036	*U*	*2*	0.034	*U*	*2*
d-BHC	0.04	100	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Dieldrin	0.005	0.2	0.0036	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*	0.0034	*U*	*2*
Endosulfan I	2.4	24	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Endosulfan II	2.4	24	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Endosulfan sulfate	2.4	24	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Endrin	0.014	11	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Endrin aldehyde	NA	NA	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Endrin ketone	NA	NA	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
g-BHC	0.1	1.3	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*
g-Chlordane	NA	NA	0.0036	*U*	*2*	0.0034	*U*	*2*	0.0035	*U*	*2*	0.0036	*U*	*2*	0.0034	*U*	*2*
Heptachlor	0.042	2.1	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Heptachlor epoxide	NA	NA	0.0071	*U*	*2*	0.0069	*U*	*2*	0.0071	*U*	*2*	0.0071	*U*	*2*	0.0069	*U*	*2*
Methoxychlor	NA	NA	0.036	*U*	*2*	0.034	*U*	*2*	0.035	*U*	*2*	0.036	*U*	*2*	0.034	*U*	*2*
Toxaphene	NA	NA	0.14	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*

		Sample	2SB-16 SURF			2SB-16 10-12			2SB-17 SURF			2SB-17 0-5			2SB-17 10-12		
		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1221	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1232	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1242	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1248	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1254	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1260	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1262	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
PCB-1268	0.1	1	0.071	*U*	*2*	0.069	*U*	*2*	0.071	*U*	*2*	0.071	*U*	*2*	0.069	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-16 SURF			2SB-16 10-12			2SB-17 SURF			2SB-17 0-5			2SB-17 10-12		
		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4-D	NA	NA	0.27	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dichloroprop	NA	NA	0.27	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*
Dinoseb	NA	NA	0.27	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*	0.26	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 5: Pesticides, PCBs, and Herbicides in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in mg/Kg (ppm)		Sample	2SB-18 SURF			2SB-18 10-15			2SB-19 SURF			2SB-19 0-5			2SB-19 10-13		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0022	*U*	*2*	0.0021	*U*	*2*	0.0022	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDE	0.003	8.9	0.01		*2*	0.0021	*U*	*2*	0.01	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDT	0.003	7.9	0.037		*2*	0.0021	*U*	*2*	0.015	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
a-BHC	0.02	0.48	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
a-Chlordane	0.094	4.2	0.01		*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.0034	*U*	*2*
Alachlor	NA	NA	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.0034	*U*	*2*
Aldrin	0.005	0.097	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.0034	*U*	*2*
b-BHC	0.036	0.36	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Chlordane	NA	NA	0.048		*2*	0.036	*U*	*2*	0.036	*U*	*2*	0.035	*U*	*2*	0.034	*U*	*2*
d-BHC	0.04	100	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Dieldrin	0.005	0.2	0.0054		*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.0034	*U*	*2*
Endosulfan I	2.4	24	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Endosulfan II	2.4	24	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Endosulfan sulfate	2.4	24	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Endrin	0.014	11	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Endrin aldehyde	NA	NA	0.0073	*U*	*2*	0.0071	*U*	*2*	0.015	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Endrin ketone	NA	NA	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
g-BHC	0.1	1.3	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*
g-Chlordane	NA	NA	0.007		*2*	0.0036	*U*	*2*	0.0036	*U*	*2*	0.0035	*U*	*2*	0.0034	*U*	*2*
Heptachlor	0.042	2.1	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Heptachlor epoxide	NA	NA	0.0073	*U*	*2*	0.0071	*U*	*2*	0.0072	*U*	*2*	0.007	*U*	*2*	0.0069	*U*	*2*
Methoxychlor	NA	NA	0.036	*U*	*2*	0.036	*U*	*2*	0.036	*U*	*2*	0.035	*U*	*2*	0.034	*U*	*2*
Toxaphene	NA	NA	0.15	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*

		Sample	2SB-18 SURF			2SB-18 10-15			2SB-19 SURF			2SB-19 0-5			2SB-19 10-13		
		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1221	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1232	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1242	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1248	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1254	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1260	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1262	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
PCB-1268	0.1	1	0.073	*U*	*2*	0.071	*U*	*2*	0.072	*U*	*2*	0.07	*U*	*2*	0.069	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND			ND		

		Sample	2SB-18 SURF			2SB-18 10-15			2SB-19 SURF			2SB-19 0-5			2SB-19 10-13		
		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4-D	NA	NA	0.27	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*
2,4-DB	NA	NA	1.4	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*
Dalapon	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dicamba	NA	NA	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dichloroprop	NA	NA	0.27	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*
Dinoseb	NA	NA	0.27	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*	0.27	*U*	*10*	0.26	*U*	*10*

value ≤ UU SCO
value > UU SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

All data in mg/Kg (ppm)		**Sample**	**DUP2-20251003**			**2SB-20 SURF**			**2SB-20 0-5**			**2SB-20 5-8**		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Pesticides (8081)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0.003	13	0.0021	*U*	*2*	0.0022	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDE	0.003	8.9	0.0021	*U*	*2*	0.0022	*U*	*2*	0.0021	*U*	*2*	0.0021	*U*	*2*
4,4' -DDT	0.003	7.9	0.0021	*U*	*2*	0.008	*U*	*2*	0.005	*U*	*2*	0.0021	*U*	*2*
a-BHC	0.02	0.48	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
a-Chlordane	0.094	4.2	0.0035	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*	0.0035	*U*	*2*
Alachlor	NA	NA	0.0035	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*	0.0035	*U*	*2*
Aldrin	0.005	0.097	0.0035	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*	0.0035	*U*	*2*
b-BHC	0.036	0.36	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Chlordane	NA	NA	0.035	*U*	*2*	0.037	*U*	*2*	0.035	*U*	*2*	0.035	*U*	*2*
d-BHC	0.04	100	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Dieldrin	0.005	0.2	0.0035	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*	0.0035	*U*	*2*
Endosulfan I	2.4	24	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endosulfan II	2.4	24	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endosulfan sulfate	2.4	24	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endrin	0.014	11	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endrin aldehyde	NA	NA	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Endrin ketone	NA	NA	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
g-BHC	0.1	1.3	0.0014	*U*	*2*	0.0015	*U*	*2*	0.0014	*U*	*2*	0.0014	*U*	*2*
g-Chlordane	NA	NA	0.0035	*U*	*2*	0.0037	*U*	*2*	0.0035	*U*	*2*	0.0035	*U*	*2*
Heptachlor	0.042	2.1	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Heptachlor epoxide	NA	NA	0.0069	*U*	*2*	0.0074	*U*	*2*	0.007	*U*	*2*	0.0071	*U*	*2*
Methoxychlor	NA	NA	0.035	*U*	*2*	0.037	*U*	*2*	0.035	*U*	*2*	0.035	*U*	*2*
Toxaphene	NA	NA	0.14	*U*	*2*	0.15	*U*	*2*	0.14	*U*	*2*	0.14	*U*	*2*

		Sample	**DUP2-20251003**			**2SB-20 SURF**			**2SB-20 0-5**			**2SB-20 5-8**		
		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PBCs (8082)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1221	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1232	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1242	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1248	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1254	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1260	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1262	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
PCB-1268	0.1	1	0.069	*U*	*2*	0.074	*U*	*2*	0.07	*U*	*2*	0.071	*U*	*2*
Total PCBs	0.1	1	ND			ND			ND			ND		

		Sample	**DUP2-20251003**			**2SB-20 SURF**			**2SB-20 0-5**			**2SB-20 5-8**		
		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03		
Herbicides (8151)	**UU SCO**	**RRU SCO**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	NA	NA	0.13	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4,5-TP (Silvex)	3.8	100	0.13	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
2,4-D	NA	NA	0.26	*U*	*10*	0.28	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*
2,4-DB	NA	NA	1.3	*U*	*10*	1.4	*U*	*10*	1.3	*U*	*10*	1.3	*U*	*10*
Dalapon	NA	NA	0.13	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dicamba	NA	NA	0.13	*U*	*10*	0.14	*U*	*10*	0.13	*U*	*10*	0.13	*U*	*10*
Dichloroprop	NA	NA	0.26	*U*	*10*	0.28	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*
Dinoseb	NA	NA	0.26	*U*	*10*	0.28	*U*	*10*	0.26	*U*	*10*	0.27	*U*	*10*

value ≤ UU SCO
value > UU SCO

Table 6: PFAS in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		**Sample**	**2SB-01 SURF**			**2SB-01 5-7.5**			**DUP-20251001**			**2SB-01 7.5-10**			**2SB-02 SURF**			**2SB-02 5-7.5**		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
3:3FTCA	NA	NA	0.749	U	1	0.949	U	1	0.698	U	1	0.656	U	1	0.833	U	1	0.675	U	1
5:3FTCA	NA	NA	3.75	U	1	4.74	U	1	3.49	U	1	3.28	U	1	4.16	U	1	3.37	U	1
7:3FTCA	NA	NA	3.75	U	1	4.74	U	1	3.49	U	1	3.28	U	1	4.16	U	1	3.37	U	1
9Cl-PF3ONS	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
ADONA	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
HFPO-DA	NA	NA	0.599	U	1	0.759	U	1	0.558	U	1	0.525	U	1	0.666	U	1	0.54	U	1
NEtFOSA	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
NEtFOSAA	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
NEtFOSE	NA	NA	1.5	U	1	1.9	U	1	1.4	U	1	1.31	U	1	1.66	U	1	1.35	U	1
NFDHA	NA	NA	0.3	U	1	0.38	U	1	0.279	U	1	0.262	U	1	0.333	U	1	0.27	U	1
NMeFOSA	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
NMeFOSAA	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
NMeFOSE	NA	NA	1.5	U	1	1.9	U	1	1.4	U	1	1.31	U	1	1.66	U	1	1.35	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.0572	J	1	0.19	U	1	0.14	U	1	0.131	U	1	0.211		1	0.0356	J	1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.101	J	1	0.135	U	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.122	J	1	0.0665	J	1	0.0618	J	1	0.112	J	1	0.136	J	1	0.0316	J	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.144	J	1	0.13	J	1	0.0461	J	1	0.0957	J	1	0.154	J	1	0.0437	J	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.126	J	1	0.759	U	1	0.558	U	1	0.525	U	1	0.223	J	1	0.54	U	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.087	J	1	0.19	U	1	0.14	U	1	0.131	U	1	0.226		1	0.0393	J	1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.502		1	0.448		1	0.111	J	1	0.532		1	1.68		1	0.388		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.629		1	0.163	J	1	0.251		1	0.227		1	0.37		1	0.0833	J	1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.21	J	1	0.103	J	1	0.279	U	1	0.0694	J	1	0.258	J	1	0.0738	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.166	U	1	0.135	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.15	U	1	0.19	U	1	0.14	U	1	0.131	U	1	0.07	J	1	0.135	U	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.04	J	1	0.19	U	1	0.14	U	1	0.131	U	1	0.151	J	1	0.027	J	1
PFEESA	NA	NA	0.3	U	1	0.38	U	1	0.279	U	1	0.262	U	1	0.333	U	1	0.27	U	1
PFMBA	NA	NA	0.3	U	1	0.38	U	1	0.279	U	1	0.262	U	1	0.333	U	1	0.27	U	1
PFMPA	NA	NA	0.3	U	1	0.38	U	1	0.279	U	1	0.262	U	1	0.333	U	1	0.27	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		**Sample**	**2SB-02 7.5-10**			**2SB-03 SURF**			**2SB-03 10-12.5**			**2SB-03 12.5-15**			**2SB-04 SURF**			**2SB-04 0-5**		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
3:3FTCA	NA	NA	0.718	U	1	0.831	U	1	0.631	U	1	0.679	U	1	0.873	U	1	0.894	U	1
5:3FTCA	NA	NA	3.59	U	1	4.16	U	1	3.15	U	1	3.39	U	1	4.37	U	1	4.47	U	1
7:3FTCA	NA	NA	3.59	U	1	4.16	U	1	3.15	U	1	3.39	U	1	4.37	U	1	4.47	U	1
9Cl-PF3ONS	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
ADONA	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
HFPO-DA	NA	NA	0.574	U	1	0.665	U	1	0.505	U	1	0.543	U	1	0.699	U	1	0.716	U	1
NEtFOSA	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
NEtFOSAA	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
NEtFOSE	NA	NA	1.44	U	1	1.66	U	1	1.26	U	1	1.36	U	1	1.75	U	1	1.79	U	1
NFDHA	NA	NA	0.287	U	1	0.332	U	1	0.252	U	1	0.272	U	1	0.349	U	1	0.358	U	1
NMeFOSA	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
NMeFOSAA	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
NMeFOSE	NA	NA	1.44	U	1	1.66	U	1	1.26	U	1	1.36	U	1	1.75	U	1	1.79	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.144	U	1	0.0679	J	1	0.126	U	1	0.136	U	1	0.104	J	1	0.0539	J	1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.144	U	1	0.153	J	1	0.126	U	1	0.136	U	1	0.14	J	1	0.109	J	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.144	U	1	0.133	J	1	0.126	U	1	0.136	U	1	0.126	J	1	0.107	J	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.574	U	1	0.245	J	1	0.505	U	1	0.543	U	1	0.176	J	1	0.163	J	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.144	U	1	0.143	J	1	0.126	U	1	0.136	U	1	0.243		1	0.161	J	1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.144	U	1	0.893		1	0.126	U	1	0.136	U	1	1.1		1	1.16		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.0344	J	1	0.851		1	0.0345	J	1	0.0278	J	1	0.768		1	0.579		1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.287	U	1	0.264	J	1	0.252	U	1	0.272	U	1	0.158	J	1	0.157	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.144	U	1	0.166	U	1	0.126	U	1	0.136	U	1	0.175	U	1	0.179	U	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.144	U	1	0.0646	J	1	0.126	U	1	0.136	U	1	0.101	J	1	0.179	U	1
PFEESA	NA	NA	0.287	U	1	0.332	U	1	0.252	U	1	0.272	U	1	0.349	U	1	0.358	U	1
PFMBA	NA	NA	0.287	U	1	0.332	U	1	0.252	U	1	0.272	U	1	0.349	U	1	0.358	U	1
PFMPA	NA	NA	0.287	U	1	0.332	U	1	0.252	U	1	0.272	U	1	0.349	U	1	0.358	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		Sample	2SB-04 10-15			2SB-05 SURF			2SB-05 5-7			2SB-06 SURF			2SB-06 0-2.5			2SB-06 7.5-10		
U= Not Detected ≥ value		Date	2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01			2025-10-01		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
3:3FTCA	NA	NA	0.83	U	1	0.932	U	1	0.765	U	1	0.935	U	1	0.718	U	1	0.611	U	1
5:3FTCA	NA	NA	4.15	U	1	4.66	U	1	3.83	U	1	4.68	U	1	3.59	U	1	3.06	U	1
7:3FTCA	NA	NA	4.15	U	1	4.66	U	1	3.83	U	1	4.68	U	1	3.59	U	1	3.06	U	1
9Cl-PF3ONS	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
ADONA	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
HFPO-DA	NA	NA	0.664	U	1	0.745	U	1	0.612	U	1	0.748	U	1	0.574	U	1	0.489	U	1
NEtFOSA	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
NEtFOSAA	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
NEtFOSE	NA	NA	1.66	U	1	1.86	U	1	1.53	U	1	1.87	U	1	1.44	U	1	1.22	U	1
NFDHA	NA	NA	0.332	U	1	0.373	U	1	0.306	U	1	0.374	U	1	0.287	U	1	0.244	U	1
NMeFOSA	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
NMeFOSAA	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
NMeFOSE	NA	NA	1.66	U	1	1.86	U	1	1.53	U	1	1.87	U	1	1.44	U	1	1.22	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.166	U	1	0.344		1	0.153	U	1	0.431		1	0.0631	J	1	0.122	U	1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.166	U	1	0.184	J	1	0.153	U	1	0.246		1	0.144	U	1	0.122	U	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.166	U	1	0.16	J	1	0.0559	J	1	0.162	J	1	0.143	J	1	0.122	U	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.166	U	1	0.168	J	1	0.0422	J	1	0.189		1	0.142	J	1	0.122	U	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.664	U	1	0.334	J	1	0.612	U	1	0.404	J	1	0.229	J	1	0.489	U	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.166	U	1	0.4		1	0.153	U	1	0.394		1	0.197		1	0.122	U	1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.166	U	1	1.64		1	0.144	J	1	1.8		1	0.591		1	0.122	U	1
Perfluorooctanoic acid (PFOA)	0.66	33	0.166	U	1	0.576		1	0.108	J	1	0.5		1	0.733		1	0.122	U	1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.166	U	1	0.186	U	1	0.153	U	1	0.187	U	1	0.144	U	1	0.122	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.332	U	1	0.271	J	1	0.306	U	1	0.305	J	1	0.251	J	1	0.244	U	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.166	U	1	0.128	J	1	0.153	U	1	0.0927	J	1	0.144	U	1	0.122	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.166	U	1	0.189		1	0.153	U	1	0.189		1	0.144	U	1	0.122	U	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.166	U	1	0.353		1	0.153	U	1	0.548		1	0.0483	J	1	0.122	U	1
PFEESA	NA	NA	0.332	U	1	0.373	U	1	0.306	U	1	0.374	U	1	0.287	U	1	0.244	U	1
PFMBA	NA	NA	0.332	U	1	0.373	U	1	0.306	U	1	0.374	U	1	0.287	U	1	0.244	U	1
PFMPA	NA	NA	0.332	U	1	0.373	U	1	0.306	U	1	0.374	U	1	0.287	U	1	0.244	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		Sample	2SB-07 SURF			2SB-07 10-15			2SB-08 SURF			2SB-08 8-10			2SB-08 10-12			2SB-09 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.754	U	1	0.736	U	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.754	U	1	0.736	U	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.754	U	1	0.736	U	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.754	U	1	0.337	J	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
3:3FTCA	NA	NA	0.942	U	1	0.921	U	1	0.89	U	1	0.854	U	1	0.786	U	1	0.973	U	1
5:3FTCA	NA	NA	4.71	U	1	4.6	U	1	4.45	U	1	4.27	U	1	3.93	U	1	4.86	U	1
7:3FTCA	NA	NA	4.71	U	1	4.6	U	1	4.45	U	1	4.27	U	1	3.93	U	1	4.86	U	1
9Cl-PF3ONS	NA	NA	0.754	U	1	0.736	U	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
ADONA	NA	NA	0.754	U	1	0.736	U	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
HFPO-DA	NA	NA	0.754	U	1	0.736	U	1	0.712	U	1	0.683	U	1	0.629	U	1	0.778	U	1
NEtFOSA	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
NEtFOSAA	NA	NA	0.188	U	1	0.184	U	1	0.0968	J	1	0.171	U	1	0.157	U	1	0.194	U	1
NEtFOSE	NA	NA	1.88	U	1	1.84	U	1	1.78	U	1	1.71	U	1	1.57	U	1	1.94	U	1
NFDHA	NA	NA	0.377	U	1	0.368	U	1	0.356	U	1	0.341	U	1	0.314	U	1	0.389	U	1
NMeFOSA	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
NMeFOSAA	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
NMeFOSE	NA	NA	1.88	U	1	1.84	U	1	1.78	U	1	1.71	U	1	1.57	U	1	1.94	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.087	J	1	0.184	U	1	0.288		1	0.171	U	1	0.157	U	1	0.374		1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.188	U	1	0.184	U	1	0.124	J	1	0.171	U	1	0.157	U	1	0.186	J	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.0986	J	1	0.0531	J	1	0.187		1	0.171	U	1	0.157	U	1	0.204		1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.0804	J	1	0.0494	J	1	0.151	J	1	0.171	U	1	0.157	U	1	0.189	J	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.754	U	1	0.736	U	1	0.226	J	1	0.683	U	1	0.629	U	1	0.512	J	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.233		1	0.0772	J	1	0.511		1	0.171	U	1	0.157	U	1	0.43		1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	1		1	0.374		1	1.81		1	0.171	U	1	0.0823	J	1	1.54		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.753		1	0.272		1	1.22		1	0.171	U	1	0.0447	J	1	0.652		1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.188	U	1	0.184	U	1	0.178	U	1	0.171	U	1	0.157	U	1	0.194	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.0873	J	1	0.368	U	1	0.154	J	1	0.341	U	1	0.314	U	1	0.271	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.188	U	1	0.184	U	1	0.0948	J	1	0.171	U	1	0.157	U	1	0.111	J	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.188	U	1	0.184	U	1	0.117	J	1	0.171	U	1	0.157	U	1	0.163	J	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.0828	J	1	0.184	U	1	0.288		1	0.171	U	1	0.157	U	1	0.421		1
PFEESA	NA	NA	0.377	U	1	0.368	U	1	0.356	U	1	0.341	U	1	0.314	U	1	0.389	U	1
PFMBA	NA	NA	0.377	U	1	0.368	U	1	0.356	U	1	0.341	U	1	0.314	U	1	0.389	U	1
PFMPA	NA	NA	0.377	U	1	0.368	U	1	0.356	U	1	0.341	U	1	0.314	U	1	0.389	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		Sample	2SB-09 10-12.5			2SB-09 12.5-15			2SB-10 SURF			2SB-10 5-7			2SB-10 10-12			2SB-11 SURF		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
3:3FTCA	NA	NA	0.76	U	1	0.831	U	1	0.986	U	1	1.04	U	1	0.781	U	1	0.996	U	1
5:3FTCA	NA	NA	3.8	U	1	4.16	U	1	4.93	U	1	5.18	U	1	3.9	U	1	4.98	U	1
7:3FTCA	NA	NA	3.8	U	1	4.16	U	1	4.93	U	1	5.18	U	1	3.9	U	1	4.98	U	1
9Cl-PF3ONS	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
ADONA	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
HFPO-DA	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.797	U	1
NEtFOSA	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
NEtFOSAA	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
NEtFOSE	NA	NA	1.52	U	1	1.66	U	1	1.97	U	1	2.07	U	1	1.56	U	1	1.99	U	1
NFDHA	NA	NA	0.304	U	1	0.332	U	1	0.394	U	1	0.414	U	1	0.312	U	1	0.398	U	1
NMeFOSA	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
NMeFOSAA	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
NMeFOSE	NA	NA	1.52	U	1	1.66	U	1	1.97	U	1	2.07	U	1	1.56	U	1	1.99	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.29		1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.148	J	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.152	U	1	0.166	U	1	0.105	J	1	0.207	U	1	0.156	U	1	0.189	J	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.152	U	1	0.166	U	1	0.11	J	1	0.207	U	1	0.156	U	1	0.174	J	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.608	U	1	0.665	U	1	0.789	U	1	0.829	U	1	0.625	U	1	0.454	J	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.152	U	1	0.166	U	1	0.109	J	1	0.207	U	1	0.156	U	1	0.334		1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.152	U	1	0.166	U	1	1.14		1	0.0708	J	1	0.156	U	1	1.2		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.152	U	1	0.166	U	1	0.68		1	0.0372	J	1	0.156	U	1	0.708		1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.304	U	1	0.332	U	1	0.125	J	1	0.414	U	1	0.312	U	1	0.243	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.199	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.136	J	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.152	U	1	0.166	U	1	0.197	U	1	0.207	U	1	0.156	U	1	0.327		1
PFEESA	NA	NA	0.304	U	1	0.332	U	1	0.394	U	1	0.414	U	1	0.312	U	1	0.398	U	1
PFMBA	NA	NA	0.304	U	1	0.332	U	1	0.394	U	1	0.414	U	1	0.312	U	1	0.398	U	1
PFMPA	NA	NA	0.304	U	1	0.332	U	1	0.394	U	1	0.414	U	1	0.312	U	1	0.398	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		**Sample**	**2SB-11 0-5**			**2SB-11 13-15**			**2SB-12 SURF**			**2SB-12 4-6**			**2SB-12 8-10**			**2SB-13 SURF**		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.789	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.789	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.789	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.126	J	1
3:3FTCA	NA	NA	0.917	U	1	0.758	U	1	1.2	U	1	0.977	U	1	0.97	U	1	0.987	U	1
5:3FTCA	NA	NA	4.58	U	1	3.79	U	1	6.02	U	1	4.89	U	1	4.85	U	1	4.93	U	1
7:3FTCA	NA	NA	4.58	U	1	3.79	U	1	6.02	U	1	4.89	U	1	4.85	U	1	4.93	U	1
9Cl-PF3ONS	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.789	U	1
ADONA	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.789	U	1
HFPO-DA	NA	NA	0.733	U	1	0.606	U	1	0.964	U	1	0.782	U	1	0.776	U	1	0.789	U	1
NEtFOSA	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
NEtFOSAA	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
NEtFOSE	NA	NA	1.83	U	1	1.52	U	1	2.41	U	1	1.95	U	1	1.94	U	1	1.97	U	1
NFDHA	NA	NA	0.367	U	1	0.303	U	1	0.482	U	1	0.391	U	1	0.388	U	1	0.395	U	1
NMeFOSA	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
NMeFOSAA	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
NMeFOSE	NA	NA	1.83	U	1	1.52	U	1	2.41	U	1	1.95	U	1	1.94	U	1	1.97	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.183	U	1	0.152	U	1	0.327		1	0.195	U	1	0.194	U	1	0.232		1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.183	U	1	0.152	U	1	0.185	J	1	0.195	U	1	0.194	U	1	0.112	J	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.183	U	1	0.152	U	1	0.144	J	1	0.0492	J	1	0.194	U	1	0.154	J	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.0107	J	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.183	U	1	0.152	U	1	0.123	J	1	0.0502	J	1	0.194	U	1	0.154	J	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.733	U	1	0.606	U	1	0.313	J	1	0.782	U	1	0.776	U	1	0.356	J	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.183	U	1	0.152	U	1	0.468		1	0.195	U	1	0.194	U	1	0.364		1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.0962	J	1	0.152	U	1	1.16		1	0.32		1	0.0841	J	1	1.68		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.0833	J	1	0.152	U	1	0.398		1	0.379		1	0.194	U	1	0.924		1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.367	U	1	0.303	U	1	0.168	J	1	0.391	U	1	0.388	U	1	0.195	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.183	U	1	0.152	U	1	0.241	U	1	0.195	U	1	0.194	U	1	0.197	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.183	U	1	0.152	U	1	0.171	J	1	0.195	U	1	0.194	U	1	0.109	J	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.183	U	1	0.152	U	1	0.418		1	0.195	U	1	0.194	U	1	0.246		1
PFEESA	NA	NA	0.367	U	1	0.303	U	1	0.482	U	1	0.391	U	1	0.388	U	1	0.395	U	1
PFMBA	NA	NA	0.367	U	1	0.303	U	1	0.482	U	1	0.391	U	1	0.388	U	1	0.395	U	1
PFMPA	NA	NA	0.367	U	1	0.303	U	1	0.482	U	1	0.391	U	1	0.388	U	1	0.395	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		**Sample**	**2SB-13 0-5**			**2SB-13 8-10**			**2SB-14 SURF**			**2SB-14 0-5**			**2SB-14 10-12.5**			**2SB-15 SURF**		
U= Not Detected ≥ value		Date	2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-02			2025-10-03		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
3:3FTCA	NA	NA	0.971	U	1	0.836	U	1	0.985	U	1	0.866	U	1	0.898	U	1	0.917	U	1
5:3FTCA	NA	NA	4.85	U	1	4.18	U	1	4.92	U	1	4.33	U	1	4.49	U	1	4.59	U	1
7:3FTCA	NA	NA	4.85	U	1	4.18	U	1	4.92	U	1	4.33	U	1	4.49	U	1	4.59	U	1
9Cl-PF3ONS	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
ADONA	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
HFPO-DA	NA	NA	0.777	U	1	0.669	U	1	0.788	U	1	0.693	U	1	0.718	U	1	0.734	U	1
NEtFOSA	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
NEtFOSAA	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
NEtFOSE	NA	NA	1.94	U	1	1.67	U	1	1.97	U	1	1.73	U	1	1.8	U	1	1.83	U	1
NFDHA	NA	NA	0.388	U	1	0.334	U	1	0.394	U	1	0.346	U	1	0.359	U	1	0.367	U	1
NMeFOSA	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
NMeFOSAA	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
NMeFOSE	NA	NA	1.94	U	1	1.67	U	1	1.97	U	1	1.73	U	1	1.8	U	1	1.83	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.0475	J	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.194	U	1	0.167	U	1	0.344		1	0.0576	J	1	0.18	U	1	0.313		1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.194	U	1	0.167	U	1	0.167	J	1	0.173	U	1	0.18	U	1	0.134	J	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.0519	J	1	0.167	U	1	0.13	J	1	0.0605	J	1	0.18	U	1	0.292		1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.0616	J	1	0.167	U	1	0.113	J	1	0.06	J	1	0.18	U	1	0.28		1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.777	U	1	0.669	U	1	0.242	J	1	0.693	U	1	0.718	U	1	0.733	J	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.194	U	1	0.167	U	1	0.357		1	0.0889	J	1	0.18	U	1	0.456		1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.327		1	0.167	U	1	1.45		1	0.295		1	0.18	U	1	1.92		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.436		1	0.167	U	1	0.588		1	0.319		1	0.18	U	1	1.12		1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.388	U	1	0.334	U	1	0.14	J	1	0.0734	J	1	0.359	U	1	0.316	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.194	U	1	0.167	U	1	0.197	U	1	0.173	U	1	0.18	U	1	0.183	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.194	U	1	0.167	U	1	0.123	J	1	0.173	U	1	0.18	U	1	0.108	J	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.194	U	1	0.167	U	1	0.351		1	0.0502	J	1	0.18	U	1	0.31		1
PFEESA	NA	NA	0.388	U	1	0.334	U	1	0.394	U	1	0.346	U	1	0.359	U	1	0.367	U	1
PFMBA	NA	NA	0.388	U	1	0.334	U	1	0.394	U	1	0.346	U	1	0.359	U	1	0.367	U	1
PFMPA	NA	NA	0.388	U	1	0.334	U	1	0.394	U	1	0.346	U	1	0.359	U	1	0.367	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		Sample	2SB-15 0-5			DUP-20251003			2SB-15 10-12			2SB-16 SURF			2SB-16 10-12			2SB-17 SURF		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.118	J	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
3:3FTCA	NA	NA	0.815	U	1	0.852	U	1	0.827	U	1	0.901	U	1	0.816	U	1	1.02	U	1
5:3FTCA	NA	NA	4.08	U	1	4.26	U	1	4.14	U	1	4.51	U	1	4.08	U	1	5.1	U	1
7:3FTCA	NA	NA	4.08	U	1	4.26	U	1	4.14	U	1	4.51	U	1	4.08	U	1	5.1	U	1
9Cl-PF3ONS	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
ADONA	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
HFPO-DA	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
NEtFOSA	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
NEtFOSAA	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.2		1	0.163	U	1	0.204	U	1
NEtFOSE	NA	NA	1.63	U	1	1.7	U	1	1.65	U	1	1.8	U	1	1.63	U	1	2.04	U	1
NFDHA	NA	NA	0.326	U	1	0.341	U	1	0.331	U	1	0.36	U	1	0.326	U	1	0.408	U	1
NMeFOSA	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
NMeFOSAA	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
NMeFOSE	NA	NA	1.63	U	1	1.7	U	1	1.65	U	1	1.8	U	1	1.63	U	1	2.04	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.105	J	1	0.163	U	1	0.204	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.72		1	0.163	U	1	0.204	U	1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.287		1	0.163	U	1	0.204	U	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.0366	J	1	0.17	U	1	0.165	U	1	0.135	J	1	0.163	U	1	0.204	U	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.135	J	1	0.163	U	1	0.204	U	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.652	U	1	0.682	U	1	0.662	U	1	0.721	U	1	0.653	U	1	0.816	U	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.386		1	0.03	J	1	0.204	U	1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.16	J	1	0.0984	J	1	0.165	U	1	3.05		1	0.197		1	0.306		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.18		1	0.0981	J	1	0.165	U	1	0.683		1	0.0798	J	1	0.0846	J	1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.326	U	1	0.341	U	1	0.331	U	1	0.148	J	1	0.326	U	1	0.408	U	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.18	U	1	0.163	U	1	0.204	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.0787	J	1	0.163	U	1	0.204	U	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.163	U	1	0.17	U	1	0.165	U	1	0.31		1	0.163	U	1	0.204	U	1
PFEESA	NA	NA	0.326	U	1	0.341	U	1	0.331	U	1	0.36	U	1	0.326	U	1	0.408	U	1
PFMBA	NA	NA	0.326	U	1	0.341	U	1	0.331	U	1	0.36	U	1	0.326	U	1	0.408	U	1
PFMPA	NA	NA	0.326	U	1	0.341	U	1	0.331	U	1	0.36	U	1	0.326	U	1	0.408	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		**Sample**	**2SB-17 0-5**			**2SB-17 10-12**			**2SB-18 SURF**			**2SB-18 10-15**			**2SB-19 SURF**			**2SB-19 0-5**		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
3:3FTCA	NA	NA	0.892	U	1	0.845	U	1	0.829	U	1	0.886	U	1	0.98	U	1	0.879	U	1
5:3FTCA	NA	NA	4.46	U	1	4.22	U	1	4.15	U	1	4.43	U	1	4.9	U	1	4.39	U	1
7:3FTCA	NA	NA	4.46	U	1	4.22	U	1	4.15	U	1	4.43	U	1	4.9	U	1	4.39	U	1
9Cl-PF3ONS	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
ADONA	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
HFPO-DA	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
NEtFOSA	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
NEtFOSAA	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
NEtFOSE	NA	NA	1.78	U	1	1.69	U	1	1.66	U	1	1.77	U	1	1.96	U	1	1.76	U	1
NFDHA	NA	NA	0.357	U	1	0.338	U	1	0.332	U	1	0.354	U	1	0.392	U	1	0.352	U	1
NMeFOSA	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
NMeFOSAA	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
NMeFOSE	NA	NA	1.78	U	1	1.69	U	1	1.66	U	1	1.77	U	1	1.96	U	1	1.76	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.178	U	1	0.169	U	1	0.0392	J	1	0.177	U	1	0.0713	J	1	0.176	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.178	U	1	0.169	U	1	0.135	J	1	0.177	U	1	0.342		1	0.046	J	1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.143	J	1	0.176	U	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.0622	J	1	0.169	U	1	0.0692	J	1	0.177	U	1	0.169	J	1	0.106	J	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.0745	J	1	0.169	U	1	0.0688	J	1	0.177	U	1	0.131	J	1	0.109	J	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.714	U	1	0.676	U	1	0.663	U	1	0.709	U	1	0.784	U	1	0.703	U	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.178	U	1	0.169	U	1	0.132	J	1	0.177	U	1	0.374		1	0.132	J	1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.212		1	0.103	J	1	1.43		1	0.177	U	1	4.2		1	0.982		1
Perfluorooctanoic acid (PFOA)	0.66	33	0.212		1	0.0477	J	1	0.258		1	0.177	U	1	1.01		1	0.548		1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.357	U	1	0.338	U	1	0.0913	J	1	0.354	U	1	0.149	J	1	0.118	J	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.196	U	1	0.176	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.178	U	1	0.169	U	1	0.166	U	1	0.177	U	1	0.0742	J	1	0.0529	J	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.178	U	1	0.169	U	1	0.108	J	1	0.177	U	1	0.238		1	0.176	U	1
PFEESA	NA	NA	0.357	U	1	0.338	U	1	0.332	U	1	0.354	U	1	0.392	U	1	0.352	U	1
PFMBA	NA	NA	0.357	U	1	0.338	U	1	0.332	U	1	0.354	U	1	0.392	U	1	0.352	U	1
PFMPA	NA	NA	0.357	U	1	0.338	U	1	0.332	U	1	0.354	U	1	0.392	U	1	0.352	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 6: PFAS in Soil

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/Kg (ppb)		Sample	2SB-19 10-13			DUP2-20251003			2SB-20 SURF			2SB-20 0-5			2SB-20 5-8		
U= Not Detected ≥ value		Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
PFAS (1633)	**UU**	**RRU**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
3:3FTCA	NA	NA	0.95	U	1	0.812	U	1	0.964	U	1	0.904	U	1	0.842	U	1
5:3FTCA	NA	NA	4.75	U	1	4.06	U	1	4.82	U	1	4.52	U	1	4.21	U	1
7:3FTCA	NA	NA	4.75	U	1	4.06	U	1	4.82	U	1	4.52	U	1	4.21	U	1
9Cl-PF3ONS	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
ADONA	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
HFPO-DA	NA	NA	0.76	U	1	0.65	U	1	0.771	U	1	0.723	U	1	0.674	U	1
NEtFOSA	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
NEtFOSAA	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
NEtFOSE	NA	NA	1.9	U	1	1.62	U	1	1.93	U	1	1.81	U	1	1.68	U	1
NFDHA	NA	NA	0.38	U	1	0.325	U	1	0.386	U	1	0.362	U	1	0.337	U	1
NMeFOSA	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
NMeFOSAA	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
NMeFOSE	NA	NA	1.9	U	1	1.62	U	1	1.93	U	1	1.81	U	1	1.68	U	1
Perfluoro-1-decanesulfonic acid (PFDS)	NA	NA	0.19	U	1	0.162	U	1	0.084	J	1	0.181	U	1	0.168	U	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluoro-1-octanesulfonamide (FOSA)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluorobutanesulfonic acid (PFBS)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluorodecanoic acid (PFDA)	NA	NA	0.19	U	1	0.162	U	1	0.293		1	0.181	U	1	0.168	U	1
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluorododecanoic acid (PFDoA)	NA	NA	0.19	U	1	0.162	U	1	0.122	J	1	0.181	U	1	0.168	U	1
Perfluoroheptanoic acid (PFHpA)	NA	NA	0.0514	J	1	0.162	U	1	0.157	J	1	0.0984	J	1	0.168	U	1
Perfluorohexanesulfonic Acid (PFHxS)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluorohexanoic acid (PFHxA)	NA	NA	0.0519	J	1	0.162	U	1	0.134	J	1	0.119	J	1	0.168	U	1
Perfluoro-n-butanoic acid (PFBA)	NA	NA	0.76	U	1	0.65	U	1	0.204	J	1	0.723	U	1	0.674	U	1
Perfluorononanesulfonic Acid (PFNS)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluorononanoic acid (PFNA)	NA	NA	0.0781	J	1	0.0325	J	1	0.304		1	0.0466	J	1	0.168	U	1
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	0.767		1	0.309		1	2.84		1	0.671		1	0.155	J	1
Perfluorooctanoic acid (PFOA)	0.66	33	0.284		1	0.113	J	1	0.677		1	0.641		1	0.0589	J	1
Perfluoropentanesulfonic Acid (PFPeS)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluoropentanoic acid (PFPeA)	NA	NA	0.38	U	1	0.325	U	1	0.142	J	1	0.106	J	1	0.337	U	1
Perfluorotetradecanoic acid (PFTA)	NA	NA	0.19	U	1	0.162	U	1	0.193	U	1	0.181	U	1	0.168	U	1
Perfluorotridecanoic acid (PFTrDA)	NA	NA	0.19	U	1	0.162	U	1	0.0695	J	1	0.181	U	1	0.168	U	1
Perfluoroundecanoic acid (PFUnA)	NA	NA	0.19	U	1	0.162	U	1	0.242		1	0.181	U	1	0.168	U	1
PFEESA	NA	NA	0.38	U	1	0.325	U	1	0.386	U	1	0.362	U	1	0.337	U	1
PFMBA	NA	NA	0.38	U	1	0.325	U	1	0.386	U	1	0.362	U	1	0.337	U	1
PFMPA	NA	NA	0.38	U	1	0.325	U	1	0.386	U	1	0.362	U	1	0.337	U	1

value ≤ UU Guidance Value/SCO
value > UU Guidance Value/SCO

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 7: VOCs in Groundwater

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (ppb)	Sample	MW-01-20251106			DUP-20251106			MW-02-20251106			MW-03-20251106			MW-04-20251106			MW-05-20251106			MW-06-20251106		
U= Not Detected ≥ value	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06		
VOCs (8260)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1,1,2-tetrachloroethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,1,1-trichloroethane (TCA)	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
1,1,2,2-tetrachloroethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,1,2-trichloroethane	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,1-dichloroethane	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
1,1-dichloroethylene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2,3-Trichlorobenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2,3-Trichloropropane	0.04	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2,4-Trichlorobenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2,4-Trimethylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2-Dibromo-3-chloropropane	0.04	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2-dibromoethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2-dichlorobenzene	3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,2-dichloroethane	0.6	0.6	U	1	0.6	U	1	0.6	U	1	0.6	U	1	0.6	U	1	0.6	U	1	0.6	U	1
1,2-dichloropropane	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,3,5-trimethylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,3-dichlorobenzene	3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,4-dichlorobenzene	3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
1,4-dioxane	0.35	100	U	1	100	U	1	100	U	1	100	U	1	100	U	1	100	U	1	100	U	1
2-butanone (MEK)	50	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1
2-hexanone (MBK)	50	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1
4-methyl-2-pentanone	NA	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1	2.5	U	1
acetone	50	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
acrolein	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
acrylonitrile	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
benzene	1	0.7	U	1	0.7	U	1	0.7	U	1	0.7	U	1	0.7	U	1	0.7	U	1	0.7	U	1
bromochloromethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
bromodichloromethane	50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
Bromoform	50	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
bromomethane	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
carbon disulfide	NA	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
carbon tetrachloride	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
chlorobenzene	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
chloroethane	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
chloroform	7	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
chloromethane	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
cis-1,2-dichloroethylene (DCE)	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
cis-1,3-dichloropropylene	0.4	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1
cyclohexane	NA	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
dibromochloromethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
dibromomethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
dichlorodifluoromethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
ethyl benzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
hexachlorobutadiene	0.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
isopropylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
m- & p- xylenes	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
methyl tert-butyl ether (MTBE)	NA	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	0.41	J	1	1	U	1
methylacetate	10	50	U	1	50	U	1	50	U	1	50	U	1	50	U	1	50	U	1	50	U	1
methylcyclohexane	NA	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
methylene chloride	5	3	U	1	3	U	1	3	U	1	3	U	1	3	U	1	3	U	1	3	U	1
n-butylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
n-propylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
o-xylene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
p-isopropyltoluene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
sec-butylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
styrene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
tert-butyl alcohol	NA	50	U	1	50	U	1	50	U	1	50	U	1	50	U	1	50	U	1	50	U	1
tert-butylbenzene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
tetrachloroethylene (PCE)	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
toluene	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
trans-1,2-dichloroethylene (DCE)	5	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
trans-1,3-dichloropropylene	0.4	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1
trichloroethylene (TCE)	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
trichlorofluoromethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
Trichlorotrifluoroethane	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
vinyl chloride (VC)	2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
xylenes, total	5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
VOC TICs	AWQS																					
unknown hydrocarbon	NA	4.2	J		ND			5.1	J		ND			4.9	J		ND			45	J	

value ≤ AWQS
Detected TICs

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 8: SVOCs in Groundwater

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (ppb)	Sample	MW-01-20251106			DUP-20251106			MW-02-20251106			MW-03-20251106			MW-04-20251106			MW-05-20251106			MW-06-20251106		
U= Not Detected ≥ value	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06		
SVOCs (8270)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
1,1-biphenyl	NA	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
1,2,4,5-tetrachlorobenzene	NA	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
1,2,4-trichlorobenzene	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
1,2-dichlorobenzene	3	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
1,2-diphenylhydrazine (azobenzene)	ND	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
1,3-dichlorobenzene	3	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
1,4-dichlorobenzene	3	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
1,4-dioxane	0.35	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1
2,2'-Oxybis(1-Chloropropane)	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2,3,4,6-tetrachlorophenol	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2,4,5-trichlorophenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2,4,6-trichlorophenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2,4-dichlorophenol	5	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2,4-dimethylphenol	50	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2,4-dinitrophenol	10	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2,4-dinitrotoluene	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2,6-dinitrotoluene	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2-chloronaphthalene	10	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2-chlorophenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2-methylnaphthalene	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2-methylphenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
2-nitroaniline	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
2-nitrophenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
3- & 4-methylphenols	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
3,3-dichlorobenzidine	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
3-nitroaniline	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
4,6-dinitro-2-methylphenol	NA	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
4-bromophenyl phenyl ether	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
4-chloro-3-methylphenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
4-chloroaniline	5	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
4-chlorophenyl phenyl ether	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
4-nitroaniline	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
4-nitrophenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
acenaphthene	20	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
acenaphthylene	NA	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
acetophenone	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
aniline	5	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
anthracene	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
atrazine	NA	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
benzaldehyde	NA	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
benzidine	NA	4.4	U	1	4.4	U	1	4.3	U	1	4.5	U	1	4.5	U	1	4.2	U	1	4.2	U	1
benzo(a)anthracene	0.002	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1
benzo(a)pyrene	ND	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1
benzo(b)fluoranthene	0.002	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1
benzo(g,h,i)perylene	NA	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
benzo(k)fluoranthene	0.002	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1
benzoic acid	NA	24	U	1	25	U	1	24	U	1	25	U	1	25	U	1	24	U	1	24	U	1
benzoic acid	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
benzyl butyl phthalate	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
bis(2-chloroethoxy)methane	5	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
bis(2-chloroethyl)ether	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
bis(2-ethylhexyl)phthalate	5	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
caprolactam	NA	3.4	U	1	3.4	U	1	3.4	U	1	3.5	U	1	3.5	U	1	3.3	U	1	3.3	U	1
carbazole	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
chrysene	0.002	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1
dibenzo(a,h)anthracene	NA	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
dibenzofuran	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
diethyl phthalate	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
dimethyl phthalate	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
di-n-butyl phthalate	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
di-n-octyl phthalate	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
fluoranthene	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
fluorene	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
hexachlorobenzene	0.04	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	1
hexachlorobutadiene	0.5	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
hexachlorocyclopentadiene	5	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
hexachloroethane	5	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
indeno(1,2,3-cd)pyrene	0.002	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1	0.02	U	1
isophorone	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
naphthalene	10	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
nitrobenzene	0.4	0.39	U	1	0.39	U	1	0.38	U	1	0.4	U	1	0.4	U	1	0.38	U	1	0.38	U	1
n-nitrosodimethylamine	NA	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.09	U	1	0.09	U	1
n-nitroso-di-n-propylamine	NA	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
n-nitrosodiphenylamine	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
pentachlorophenol	1	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
phenanthrene	50	0.49	U	1	0.49	U	1	0.48	U	1	0.5	U	1	0.5	U	1	0.47	U	1	0.47	U	1
phenol	1	0.97	U	1	0.98	U	1	0.96	U	1	1	U	1	1	U	1	0.94	U	1	0.94	U	1
pyrene	50	4.9	U	1	4.9	U	1	4.8	U	1	5	U	1	5	U	1	4.7	U	1	4.7	U	1
SVOC TICs	AWQS																					
1-Butene	NA	ND			ND			ND			ND			ND			ND			6	JN	
Propene	NA	ND			ND			ND			ND			ND			ND			25	JN	
unknown	NA	ND			ND			ND			ND			6.9			ND			ND		

value ≤ AWQS
Detected TICs

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 9: TAL Metals (Total) in Groundwater

All data in µg/L (ppb)	Sample	MW-01-20251106			DUP-20251106			MW-02-20251106			MW-03-20251106			MW-04-20251106			MW-05-20251106			MW-06-20251106		
U= Not Detected ≥ value	Date	2025-11-06**			2025-11-06**			2025-11-06**			2025-11-06**			2025-11-06**			2025-11-06*			2025-11-06**		
Metals (6010/7473)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	1,230		1	187		1	20	U	1	87		1	20	U	1	172		1	979		1
Antimony	3	3	U	5	3	U	5	3	U	5	3	U	5	3	JU	5	3	JU	5	3	U	5
Arsenic	25	4	U	1	4	U	1	4	U	1	4	U	1	4	U	1	4	U	1	4	U	1
Barium	1,000	34		1	27		1	79		1	200		1	153		1	305		1	116		1
Beryllium	3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
Cadmium	5	4	U	1	4	U	1	4	U	1	4	U	1	4	U	1	4	U	1	4	U	1
Calcium	NA	94,000		1	91,500		1	104,000		1	126,000		1	240,000		10	160,000		10	210,000		10
Chromium (+3)	50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
Chromium (+6)	50	10	U	1	NA			10	U	1	10	U	1	10	U	1	10	U	1	10	U	1
Cobalt	5	1	J	1	5	U	1	5	U	1	2	J	1	1	J	1	5	U	1	1	J	1
Copper	200	5	J	1	5	U	1	5	U	1	5	U	1	5		1	2	J	1	2	J	1
Iron	300	2,290		1	380		1	10	U	1	150		1	30		1	210		1	1,140		1
Lead	25	1	U	1	1	U	1	1	U	1	1	U	1	1		1	1	U	1	2		1
Magnesium	35,000	30,800		1	31,100		1	40,800		1	42,300		1	58,800		1	43,000		1	65,300		1
Manganese	300	140		1	34		1	109		1	468		1	1,890		1	754		1	2,970		10
Mercury	0.7	0.2	U	0	0.2	U	0	0.2	U	0	0.2	U	0	0.2	U	0	0.2	U	0	0.2	U	0
Nickel	100	1	J	1	4	U	1	4	U	1	5		1	2	J	1	4	U	1	2	J	1
Potassium	NA	4,900		1	4,400		1	3,300		1	4,800		10	6,800		10	11,900		10	7,200		10
Selenium	10	10	JU	5	10	JU	5	10	JU	5	10	U	5	10	U	5	10	JU	5	10	U	5
Silver	50	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1	5	U	1
Sodium	20,000	90,200		10	91,000		10	174,000		10	494,000		100	191,000		10	106,000		10	255,000		10
Thallium	0.5	0.5	U	5	0.5	U	5	0.5	U	5	0.5	U	5	0.5	U	5	0.5	U	5	0.5	U	5
Vanadium	14	2	J	1	10	U	1	10	U	1	10	U	1	10	U	1	10	U	1	1	J	1
Zinc	2,000	11		1	3	J	1	2	J	1	4	J	1	4	J	1	3	J	1	4	J	1
Cyanide (total)	200	10	U	1	10	U	1	10	U	1	10	U	1	10	U	1	10	U	1	10	U	1

value ≤ AWQS
value > AWQS

** Cr^{+6} sampled 12/04/2025

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 10: TAL Metals (Dissolved) in Groundwater

All data in µg/L (ppb)	**Sample**	**MW-01-20251106**			**DUP-20251106**			**MW-02-20251106**			**MW-03-20251106**			**MW-04-20251106**			**MW-05-20251106**			**MW-06-20251106**		
U= Not Detected ≥ value	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06		
Metals (6010/7473)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
Aluminum	NA	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*
Antimony	3	0.6	*JU*	*2*	0.6	*JU*	*2*	0.6	*JU*	*2*	0.6	*JU*	*2*	0.6	*JU*	*2*	0.6	*JU*	*2*	0.6	*JU*	*2*
Arsenic	25	3	*U*	*1*	3	*U*	*1*	3	*U*	*1*	4		*1*	4		*1*	3	*U*	*1*	3		*1*
Barium	1,000	25		*1*	25		*1*	76		*1*	178		*1*	145		*1*	302		*1*	109		*1*
Beryllium	3	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*
Cadmium	5	4	*U*	*1*	4	*U*	*1*	4	*U*	*1*	4	*U*	*1*	4	*U*	*1*	4	*U*	*1*	4	*U*	*1*
Calcium	NA	94,000		*1*	95,500		*1*	107,000		*1*	126,000		*1*	240,000		*10*	156,000		*1*	204,000		*10*
Chromium (+3)	50	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*	1	*U*	*1*
Cobalt	5	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	2	*J*	*1*	1	*J*	*1*	5	*U*	*1*	1	*J*	*1*
Copper	200	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	4	*J*	*1*	5	*U*	*1*	5	*U*	*1*
Iron	300	10	*U*	*1*	10	*U*	*1*	10	*U*	*1*	10	*U*	*1*	10	*U*	*1*	10	*U*	*1*	10	*U*	*1*
Lead	25	2	*U*	*1*	2	*U*	*1*	2	*U*	*1*	2	*U*	*1*	2	*U*	*1*	2	*U*	*1*	1	*J*	*1*
Magnesium	35,000	30,400		*1*	31,100		*1*	40,300		*1*	42,800		*1*	59,100		*1*	41,500		*1*	62,600		*1*
Manganese	300	24		*1*	24		*1*	112		*1*	472		*1*	1,820		*1*	726		*1*	2,970		*10*
Mercury	0.7	0.2	*U*	*0*	0.2	*U*	*0*	0.2	*U*	*0*	0.2	*U*	*0*	0.2	*U*	*0*	0.2	*U*	*0*	0.2	*U*	*0*
Nickel	100	4	*U*	*1*	4	*U*	*1*	4	*U*	*1*	5		*1*	3	*J*	*1*	4	*U*	*1*	1	*J*	*1*
Potassium	NA	4,200		*1*	4,200		*1*	2,900		*1*	4,300		*1*	5,400		*10*	10,700		*10*	7,100		*10*
Selenium	10	4	*JU*	*2*	4	*JU*	*2*	4	*JU*	*2*	4	*U*	*2*	4	*U*	*2*	4	*JU*	*2*	4	*U*	*2*
Silver	50	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*	5	*U*	*1*
Sodium	20,000	87,300		*10*	83,100		*10*	169,000		*10*	523,000		*100*	184,000		*10*	92,200		*10*	244,000		*10*
Thallium	0.5	0.6	*U*	*2*	0.6	*U*	*2*	0.6	*U*	*2*	0.6	*U*	*2*	0.6	*U*	*2*	0.6	*U*	*2*	0.6	*U*	*2*
Vanadium	14	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	11	*U*	*1*	1	*J*	*1*
Zinc	2,000	4	*J*	*1*	4	*J*	*1*	4	*J*	*1*	5	*J*	*1*	7	*J*	*1*	4	*J*	*1*	4	*J*	*1*

value ≤ AWQS
value > AWQS

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 11: Pesticides, PCBs, and Herbicides in Groundwater

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (ppb)	**Sample**	**MW-01-20251106**			**DUP-20251106**			**MW-02-20251106**			**MW-03-20251106**		
U= Not Detected ≥ value	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06		
Pesticides (8081)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
4,4' -DDE	0.2	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
4,4' -DDT	0.2	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
a-BHC	0.01	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
a-Chlordane	0.05	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Alachlor	0.5	0.074	*U*	*1*	0.074	*U*	*1*	0.072	*U*	*1*	0.071	*U*	*1*
Aldrin	ND	0.002	*U*	*1*	0.002	*U*	*1*	0.001	*U*	*1*	0.001	*U*	*1*
b-BHC	0.04	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
Chlordane	0.05	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
d-BHC	0.04	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
Dieldrin	0.004	0.002	*U*	*1*	0.002	*U*	*1*	0.001	*U*	*1*	0.01	*U*	*1*
Endosulfan I	NA	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Endosulfan II	NA	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Endosulfan sulfate	NA	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Endrin	ND	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Endrin aldehyde	5	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Endrin ketone	5	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
g-BHC	0.05	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
g-Chlordane	0.05	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Heptachlor	0.04	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Heptachlor epoxide	0.03	0.01	*U*	*1*	0.01	*U*	*1*	0.01	*U*	*1*	0.009	*U*	*1*
Methoxychlor	35	0.098	*U*	*1*	0.098	*U*	*1*	0.096	*U*	*1*	0.094	*U*	*1*
Toxaphene	0.06	0.2	*U*	*1*	0.2	*U*	*1*	0.19	*U*	*1*	0.19	*U*	*1*

	Sample	**MW-01-20251106**			**DUP-20251106**			**MW-02-20251106**			**MW-03-20251106**		
	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06		
PBCs (8082)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1221	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1232	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1242	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1248	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1254	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1260	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1262	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
PCB-1268	0.09	0.049	*U*	*1*	0.049	*U*	*1*	0.048	*U*	*1*	0.047	*U*	*1*
Total PCBs	0.09	ND			ND			ND			ND		

	Sample	**MW-01-20251106**			**DUP-20251106**			**MW-02-20251106**			**MW-03-20251106**		
	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06		
Herbicides (8151)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	35	0.25	*U*	*1*	0.24	*U*	*1*	0.24	*U*	*1*	0.25	*U*	*1*
2,4,5-TP (Silvex)	0.26	0.27	*U*	*1*	0.24	*U*	*1*	0.24	*U*	*1*	0.25	*U*	*1*
2,4-D	50	0.49	*U*	*1*	0.47	*U*	*1*	0.48	*U*	*1*	0.49	*U*	*1*
2,4-DB	NA	4.9	*U*	*1*	4.7	*U*	*1*	4.8	*U*	*1*	4.9	*U*	*1*
Dalapon	50	0.25	*U*	*1*	0.24	*U*	*1*	0.24	*U*	*1*	0.25	*U*	*1*
Dicamba	0.44	0.25	*U*	*1*	0.24	*U*	*1*	0.24	*U*	*1*	0.25	*U*	*1*
Dichloroprop	NA	0.49	*U*	*1*	0.47	*U*	*1*	0.48	*U*	*1*	0.49	*U*	*1*
Dinoseb	1	0.49	*U*	*1*	0.47	*U*	*1*	0.48	*U*	*1*	0.49	*U*	*1*

value ≤ AWQS

Q = Laboratory Qualifier DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

All data in µg/L (ppb)	**Sample**	**MW-04-20251106**			**MW-05-20251106**			**MW-06-20251106**		
U= Not Detected ≥ value	Date	2025-11-06			2025-11-06			2025-11-06		
Pesticides (8081)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL
4,4' -DDD	0	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
4,4' -DDE	0.2	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
4,4' -DDT	0.2	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
a-BHC	0.01	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
a-Chlordane	0.05	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Alachlor	0.5	0.075	*U*	*1*	0.071	*U*	*1*	0.071	*U*	*1*
Aldrin	ND	0.002	*U*	*1*	0.001	*U*	*1*	0.001	*U*	*1*
b-BHC	0.04	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
Chlordane	0.05	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
d-BHC	0.04	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
Dieldrin	0.004	0.002	*U*	*1*	0.001	*U*	*1*	0.001	*U*	*1*
Endosulfan I	NA	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Endosulfan II	NA	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Endosulfan sulfate	NA	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Endrin	ND	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Endrin aldehyde	5	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Endrin ketone	5	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
g-BHC	0.05	0.005	*U*	*1*	0.005	*U*	*1*	0.005	*U*	*1*
g-Chlordane	0.05	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Heptachlor	0.04	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Heptachlor epoxide	0.03	0.01	*U*	*1*	0.009	*U*	*1*	0.01	*U*	*1*
Methoxychlor	35	0.1	*U*	*1*	0.094	*U*	*1*	0.095	*U*	*1*
Toxaphene	0.06	0.2	*U*	*1*	0.19	*U*	*1*	0.19	*U*	*1*

	Sample	**MW-04-20251106**			**MW-05-20251106**			**MW-06-20251106**		
	Date	2025-11-06			2025-11-06			2025-11-06		
PBCs (8082)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL
PCB-1016	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1221	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1232	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1242	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1248	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1254	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1260	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1262	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
PCB-1268	0.09	0.05	*U*	*1*	0.047	*U*	*1*	0.048	*U*	*1*
Total PCBs	0.09	ND			ND			ND		

	Sample	**MW-04-20251106**			**MW-05-20251106**			**MW-06-20251106**		
	Date	2025-11-06			2025-11-06			2025-11-06		
Herbicides (8151)	**AWQS**	Result	Q	DL	Result	Q	DL	Result	Q	DL
2,4,5-T	35	0.25	*U*	*1*	0.23	*U*	*1*	0.24	*U*	*1*
2,4,5-TP (Silvex)	0.26	0.25	*U*	*1*	0.23	*U*	*1*	0.24	*U*	*1*
2,4-D	50	0.5	*U*	*1*	0.47	*U*	*1*	0.47	*U*	*1*
2,4-DB	NA	5	*U*	*1*	4.7	*U*	*1*	4.7	*U*	*1*
Dalapon	50	0.25	*U*	*1*	0.23	*U*	*1*	0.24	*U*	*1*
Dicamba	0.44	0.25	*U*	*1*	0.23	*U*	*1*	0.24	*U*	*1*
Dichloroprop	NA	0.5	*U*	*1*	0.47	*U*	*1*	0.47	*U*	*1*
Dinoseb	1	0.5	*U*	*1*	0.47	*U*	*1*	0.47	*U*	*1*

value ≤ AWQS

Table 12: PFAS in Groundwater

The Green, Newburgh, NY
BCP ID: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in ng/L (ppt)	Sample	MW-01-20251106			DUP-20251106			MW-02-20251106			MW-03-20251106			MW-04-20251106			MW-05-20251106			MW-06-20251106		
U= Not Detected ≥ value	Date	2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06			2025-11-06		
PFAS (1633)	**WQGV**	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL	Result	Q	DL
11Cl-PF3OUdS	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
1H,1H,2H,2H-Perfluorodecanesulfonic acid	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
1H,1H,2H,2H-Perfluorohexanesulfonic acid	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
1H,1H,2H,2H-Perfluorooctanesulfonic acid	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
3:3FTCA	NA	10.4	*U*	*1*	10.1	*U*	*1*	10.1	*U*	*1*	9.81	*U*	*1*	9.66	*U*	*1*	9.05	*U*	*1*	8.96	*U*	*1*
5:3FTCA	NA	52	*U*	*1*	50.4	*U*	*1*	50.5	*U*	*1*	49.1	*U*	*1*	48.3	*U*	*1*	45.2	*U*	*1*	44.8	*U*	*1*
7:3FTCA	NA	52	*U*	*1*	50.4	*U*	*1*	50.5	*U*	*1*	49.1	*U*	*1*	48.3	*U*	*1*	45.2	*U*	*1*	44.8	*U*	*1*
9Cl-PF3ONS	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
ADONA	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
HFPO-DA	NA	8.33	*U*	*1*	8.07	*U*	*1*	8.09	*U*	*1*	7.85	*U*	*1*	7.73	*U*	*1*	7.24	*U*	*1*	7.17	*U*	*1*
NEtFOSA	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	0.564	*J*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
NEtFOSAA	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
NEtFOSE	NA	20.8	*U*	*1*	20.2	*U*	*1*	20.2	*U*	*1*	19.6	*U*	*1*	19.3	*U*	*1*	18.1	*U*	*1*	17.9	*U*	*1*
NFDHA	NA	4.16	*U*	*1*	4.03	*U*	*1*	4.04	*U*	*1*	3.92	*U*	*1*	3.86	*U*	*1*	3.62	*U*	*1*	3.58	*U*	*1*
NMeFOSA	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	0.426	*J*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
NMeFOSAA	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
NMeFOSE	NA	20.8	*U*	*1*	20.2	*U*	*1*	20.2	*U*	*1*	19.6	*U*	*1*	19.3	*U*	*1*	18.1	*U*	*1*	17.9	*U*	*1*
Perfluoro-1-decanesulfonic acid (PFDS)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluoro-1-heptanesulfonic acid (PFHpS)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluoro-1-octanesulfonamide (FOSA)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluorobutanesulfonic acid (PFBS)	NA	2.73		*1*	2.13		*1*	2.25		*1*	4.88		*1*	1.63	*J*	*1*	1.81	*U*	*1*	4.33		*1*
Perfluorodecanoic acid (PFDA)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluorododecane Sulfonic Acid (PFDoDS)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluorododecanoic acid (PFDoA)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluoroheptanoic acid (PFHpA)	NA	38.4		*1*	26.4		*1*	35.9		*1*	0.617	*J*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	5.89		*1*
Perfluorohexanesulfonic Acid (PFHxS)	NA	4.17		*1*	3.04		*1*	2.52		*1*	1.88	*J*	*1*	0.534	*J*	*1*	1.81	*U*	*1*	1.89		*1*
Perfluorohexanoic acid (PFHxA)	NA	41.5		*1*	28.2		*1*	53.6		*1*	1.06	*J*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	11.2		*1*
Perfluoro-n-butanoic acid (PFBA)	NA	28.9		*1*	19.6		*1*	16.8		*1*	9.69		*1*	3.82	*J*	*1*	7.24	*U*	*1*	17.4		*1*
Perfluorononanesulfonic Acid (PFNS)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluorononanoic acid (PFNA)	NA	1.81	*J*	*1*	1.53	*J*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	0.908	*J*	*1*
Perfluorooctanesulfonic Acid (PFOS)	2.7	1.18	*J*	*1*	1.22	*J*	*1*	2.39		*1*	2.17		*1*	0.83	*J*	*1*	1.81	*U*	*1*	4.88		*1*
Perfluorooctanoic acid (PFOA)	6.7	106		*1*	76.3		*1*	55.5		*1*	5.26		*1*	1.93	*U*	*1*	1.81	*U*	*1*	13.6		*1*
Perfluoropentanesulfonic Acid (PFPeS)	NA	1.04	*J*	*1*	0.826	*J*	*1*	0.81	*J*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluoropentanoic acid (PFPeA)	NA	100		*1*	63.4		*1*	61.4		*1*	1.72	*J*	*1*	3.86	*U*	*1*	3.62	*U*	*1*	16.4		*1*
Perfluorotetradecanoic acid (PFTA)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluorotridecanoic acid (PFTrDA)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
Perfluoroundecanoic acid (PFUnA)	NA	2.08	*U*	*1*	2.02	*U*	*1*	2.02	*U*	*1*	1.96	*U*	*1*	1.93	*U*	*1*	1.81	*U*	*1*	1.79	*U*	*1*
PFEESA	NA	4.16	*U*	*1*	4.03	*U*	*1*	4.04	*U*	*1*	3.92	*U*	*1*	3.86	*U*	*1*	3.62	*U*	*1*	3.58	*U*	*1*
PFMBA	NA	4.16	*U*	*1*	4.03	*U*	*1*	4.04	*U*	*1*	3.92	*U*	*1*	3.86	*U*	*1*	3.62	*U*	*1*	3.58	*U*	*1*
PFMPA	NA	4.16	*U*	*1*	4.03	*U*	*1*	4.04	*U*	*1*	3.92	*U*	*1*	3.86	*U*	*1*	3.62	*U*	*1*	3.58	*U*	*1*

value ≤ AWQS
value > AWQS

Q = Laboratory Qualifier DL = Dilution NA = not available (additional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 13: VOCs in Soil Vapor

The Green, Newburgh, NY
BCP: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/m³ Sample	SV-01			SV-02			SV-03			SV-04			SV-05			SV-06		
U= Not Detected ≥ value Date	2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03			2025-10-03		
VOCs, TO-15	Result	FL	DIL	Result	FL	DIL	Result	FL	DIL	Result	FL	DIL	Result	FL	DIL	Result	FL	DIL
1,1,1,2-tetrachloroethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,1,1-trichloroethane (TCA)	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,1,2,2-tetrachloroethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,1,2-trichloroethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,1-dichloroethane	5.02	U	5	5.02	U	5	5.02	U	5	5.02	U	5	5.02	U	5	5.02	U	5
1,1-dichloroethene (1,1-DCE)	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5
1,2,4-trichlorobenzene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,2,4-trimethylbenzene	12.1		5	5.01	U	5	11.3		5	10.7		5	9.8		5	14.5		5
1,2-dibromoethane (EDB)	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,2-dichlorobenzene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,2-dichloroethane	5.02	U	5	5.02	U	5	5.02	U	5	5.02	U	5	5.02	U	5	5.02	U	5
1,2-dichloropropane	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
1,2-dichlorotetrafluoroethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,3,5-trimethylbenzene	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.31		5
1,3-butadiene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,3-dichlorobenzene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,4-dichlorobenzene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
1,4-dioxane	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
2-butanone	161		5	150		5	80.2		5	86.1		5	117		5	133		5
2-hexanone (MBK)	10.6		5	8.52		5	7.21		5	7.9		5	10.3		5	11.6		5
4-ethyltoluene	13.7		5	5.01	U	5	12.7		5	12.8		5	9.5		5	15.4		5
4-isopropyltoluene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
4-methyl-2-pentanone (MIBK)	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
acetone	144		5	174		5	105		5	119		5	105		5	124		5
acrylonitrile	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
benzene	13.1		5	11.4		5	19.8		5	20.9		5	15.1		5	15.5		5
benzyl chloride	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
bromodichloromethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
bromoform	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
bromomethane	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
carbon disulfide	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
carbon tetrachloride	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5
chlorobenzene	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
chloroethane	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
chloroform	4.98	U	5	4.98	U	5	4.98	U	5	4.98	U	5	4.98	U	5	4.98	U	5
chloromethane	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
cis-1,2-dichloroethene (cis-DCE)	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5
cis-1,3-dichloropropene	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
cyclohexane	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
dibromochloromethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
dichlorodifluoromethane	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
ethanol	12.4		5	17.2		5	6.7		5	6.85		5	7.98		5	7.93		5
ethyl acetate	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
ethylbenzene	18.8		5	11.3		5	12.5		5	15		5	8.38		5	15.7		5
heptane	5.32		5	5.49		5	5	U	5	5.37		5	5	U	5	5.2		5
hexachlorobutadiene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
hexane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
isooctane	9.6		5	9.13		5	6.9		5	12.4		5	4.99	U	5	9.6		5
isopropylalcohol	36.1		5	57.5		5	9.7		5	81.8		5	33.7		5	7.22		5
isopropylbenzene	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
m,p-xylene	77.2		5	33.5		5	49.9		5	57.3		5	32.6		5	62.9		5
methyl tert-butyl ether (MTBE)	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
methylene chloride	15	U	5	15	U	5	15	U	5	15	U	5	15	U	5	15	U	5
naphthalene	5.23	U	5	5.23	U	5	5.23	U	5	5.23	U	5	5.23	U	5	5.23	U	5
n-butylbenzene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
o-xylene	27.8		5	9.8		5	17.5		5	20.3		5	11.8		5	22.1		5
propylene	8.6		5	7.5		5	5.01	U	5	7.41		5	7.83		5	6		5
sec-butylbenzene	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
styrene	4.98	U	5	4.98	U	5	4.98	U	5	4.98	U	5	4.98	U	5	4.98	U	5
tetrachloroethene (PCE)	453		5	454		5	333		5	474		5	210		5	449		5
tetrahydrofuran	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5	5.01	U	5
toluene	64.8		5	63.3		5	49.7		5	67.8		5	31.6		5	67.8		5
trans-1,2-dichloroethene (trans-DCE)	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
trans-1,3-dichloropropene	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5	4.99	U	5
trichloroethene (TCE)	0.99	U	5	0.99	U	5	0.99	U	5	0.99	U	5	0.99	U	5	0.99	U	5
trichlorofluoromethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
trichlorotrifluoroethane	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5	5	U	5
vinyl chloride	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5	1	U	5

Detected concentrations
Relatively elevated concentrations

FL = Laboratory Flag DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

Table 13: VOCs in Soil Vapor

The Green, Newburgh, NY
BCP: C336099

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/m³ / Sample	SV-07			SV-08		
U= Not Detected ≥ value / Date	2025-10-03			2025-10-03		
VOCs, TO-15	Result	FL	DIL	Result	FL	DIL
1,1,1,2-tetrachloroethane	5	U	5	5	U	5
1,1,1-trichloroethane (TCA)	5	U	5	5	U	5
1,1,2,2-tetrachloroethane	5	U	5	5	U	5
1,1,2-trichloroethane	5	U	5	5	U	5
1,1-dichloroethane	5.02	U	5	5.02	U	5
1,1-dichloroethene (1,1-DCE)	1	U	5	1	U	5
1,2,4-trichlorobenzene	5	U	5	5	U	5
1,2,4-trimethylbenzene	11		5	9.9		5
1,2-dibromoethane (EDB)	5	U	5	5	U	5
1,2-dichlorobenzene	5	U	5	5	U	5
1,2-dichloroethane	5.02	U	5	5.02	U	5
1,2-dichloropropane	4.99	U	5	4.99	U	5
1,2-dichlorotetrafluoroethane	5	U	5	5	U	5
1,3,5-trimethylbenzene	5.01	U	5	5.01	U	5
1,3-butadiene	5	U	5	5	U	5
1,3-dichlorobenzene	5	U	5	5	U	5
1,4-dichlorobenzene	5	U	5	5	U	5
1,4-dioxane	5.01	U	5	5.01	U	5
2-butanone	124		5	200		5
2-hexanone (MBK)	9.5		5	16.1		5
4-ethyltoluene	13.7		5	12.6		5
4-isopropyltoluene	5	U	5	5	U	5
4-methyl-2-pentanone (MIBK)	4.99	U	5	4.99	U	5
acetone	133		5	146		5
acrylonitrile	5.01	U	5	5.01	U	5
benzene	14.8		5	8.94		5
benzyl chloride	5	U	5	5	U	5
bromodichloromethane	5	U	5	5	U	5
bromoform	5	U	5	5	U	5
bromomethane	5.01	U	5	5.01	U	5
carbon disulfide	5.01	U	5	5.01	U	5
carbon tetrachloride	1	U	5	1	U	5
chlorobenzene	5.01	U	5	5.01	U	5
chloroethane	5.01	U	5	5.01	U	5
chloroform	4.98	U	5	4.98	U	5
chloromethane	4.99	U	5	4.99	U	5
cis-1,2-dichloroethene (cis-DCE)	1	U	5	1	U	5
cis-1,3-dichloropropene	4.99	U	5	4.99	U	5
cyclohexane	4.99	U	5	4.99	U	5
dibromochloromethane	5	U	5	5	U	5
dichlorodifluoromethane	4.99	U	5	4.99	U	5
ethanol	5.01	U	5	5.01	U	5
ethyl acetate	5.01	U	5	5.01	U	5
ethylbenzene	16.1		5	15.4		5
heptane	5.61		5	5.49		5
hexachlorobutadiene	5	U	5	5	U	5
hexane	5	U	5	5	U	5
isooctane	10.6		5	10.5		5
isopropylalcohol	23.1		5	5.16		5
isopropylbenzene	5.01	U	5	5.01	U	5
m,p-xylene	64.2		5	61.6		5
methyl tert-butyl ether (MTBE)	5.01	U	5	5.01	U	5
methylene chloride	15	U	5	15	U	5
naphthalene	5.23	U	5	5.23	U	5
n-butylbenzene	5	U	5	5	U	5
o-xylene	22.7		5	21.2		5
propylene	5.8		5	10.1		5
sec-butylbenzene	5	U	5	5	U	5
styrene	4.98	U	5	4.98	U	5
tetrachloroethene (PCE)	467		5	422		5
tetrahydrofuran	5.01	U	5	5.01	U	5
toluene	71.2		5	67.4		5
trans-1,2-dichloroethene (trans-DCE)	4.99	U	5	4.99	U	5
trans-1,3-dichloropropene	4.99	U	5	4.99	U	5
trichloroethene (TCE)	0.99	U	5	0.99	U	5
trichlorofluoromethane	5	U	5	5	U	5
trichlorotrifluoroethane	5	U	5	5	U	5
vinyl chloride	1	U	5	1	U	5

Detected concentrations
Relatively elevated concentrations

FL = Laboratory Flag DL = Dilution NA = not available (addtional flags: B-in blank, D-diluted, E-estimated, J-approximate)

APPENDIX A: Fieldwork Documentation

Geophysical Survey Report

GEOPHYSICAL ENGINEERING SURVEY REPORT

Vacant Property
137 Smith Street,
Newburgh, NY 12550

NOVA PROJECT NUMBER:
25-5305

DATED:
October 2, 2025

PREPARED FOR:

GALLAGHER BASSETT

22 IBM Road Suite 101 Suite 101 Poughkeepsie NY 12601

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

October 2, 2025

Szabolcs David | Environmental Field Technician
Gallagher Bassett Technical Services Division
22 IBM Road, Suite 101, Poughkeepsie, NY 12601
O: 845 867 4724 | **M:** 917 327 9711 **E:** szabolcs_david@gbtpa.com

Re: Geophysical Engineering Survey (GES) Report
Vacant Property
137 Smith Street,
Newburgh, NY 12550

Dear Mr. David,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site located at 137 Smith Street, Newburgh NY (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks, and other substructures at the project site on October 1st, 2025.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the

surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

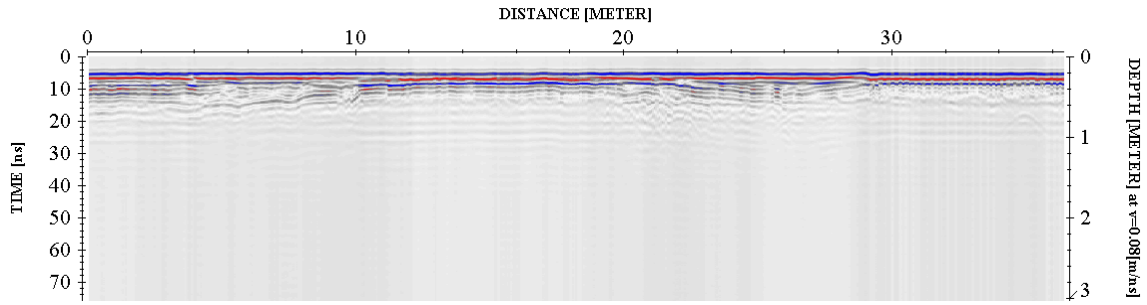
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

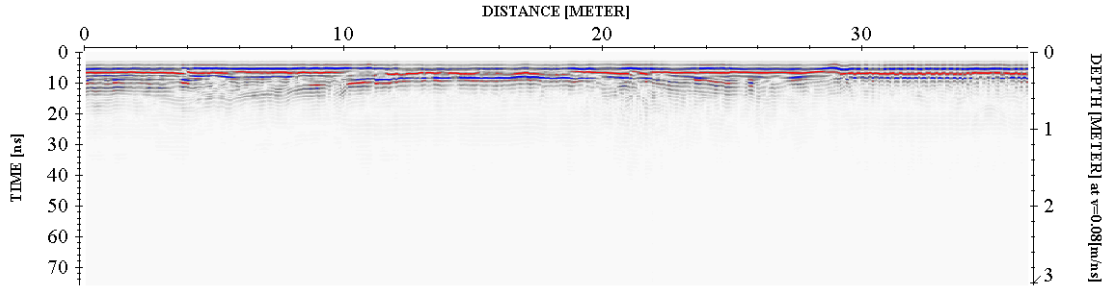
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

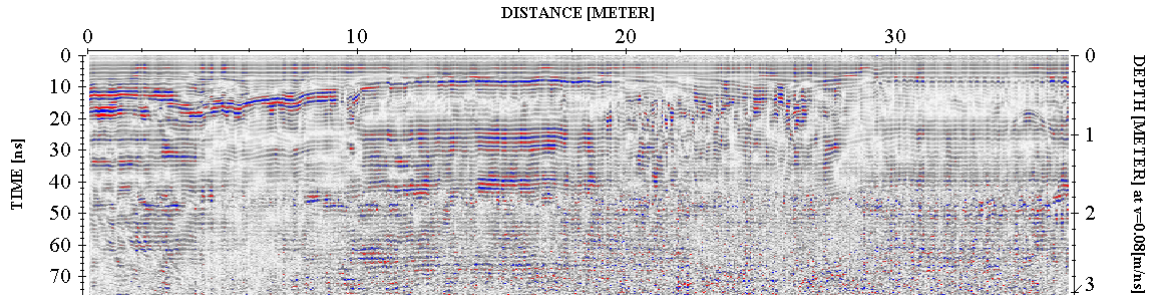
Step 1. Import Raw RAMAC data to standard processing format



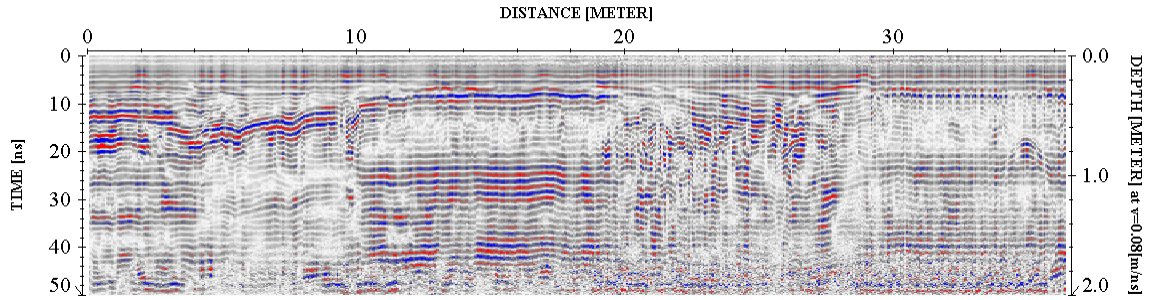
Step 2. Remove instrument noise *(dewow)*



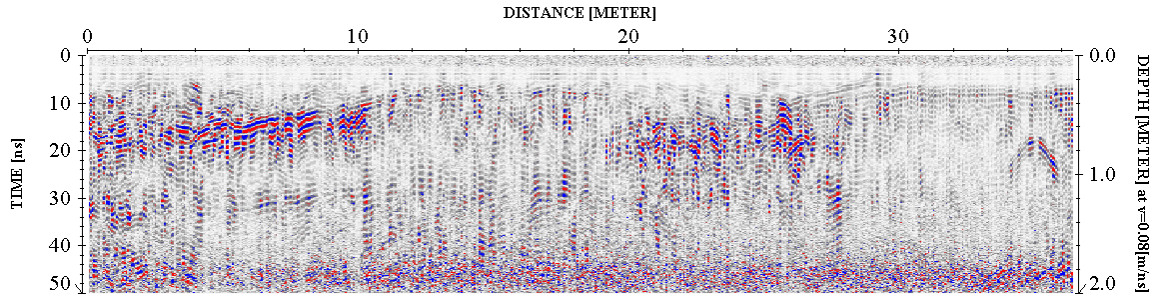
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: sunny

Temperature: 65° F

Surface: Earth/ Vegetation

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 5'. Additional GPR data was collected over features of interest.

Limitations: The geophysical noise level (GNL) at the site was high due to the subsurface of the site containing building debris and other buried objects.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- The GES did not identify any utilities within the survey area.

- The GES identified multiple linear anomalies within the site. These anomalies may be previously discarded utilities or unknown objects within the subsurface areas of the project site.

- The GES identified a significant anomaly area at the southern edge of the survey area. This area contains many significant reflections which may represent buried structures. Further, the GES confirmed that a geophysical anomaly which is consistent with those of USTs was also identified within this anomaly. Based on its reflection, the entirety of the anomaly area is approximately 28' x 14' in size. These areas are shown on the survey map

- NOVA cleared and marked all proposed drilling locations and marked any anomalies in paint on-site.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.
Project Manager

Attachments:

Location Map
Survey Plan
Geophysical Images



Location Map

SITE:	**Vacant Property** 137 Smith St, Newburgh, New York 12550
CLIENT:	GALLAGHER BASSETT
DATE:	October 1st, 2025
AUTH:	Jason Staunton

LEGEND

NOVA

Geophysical Services

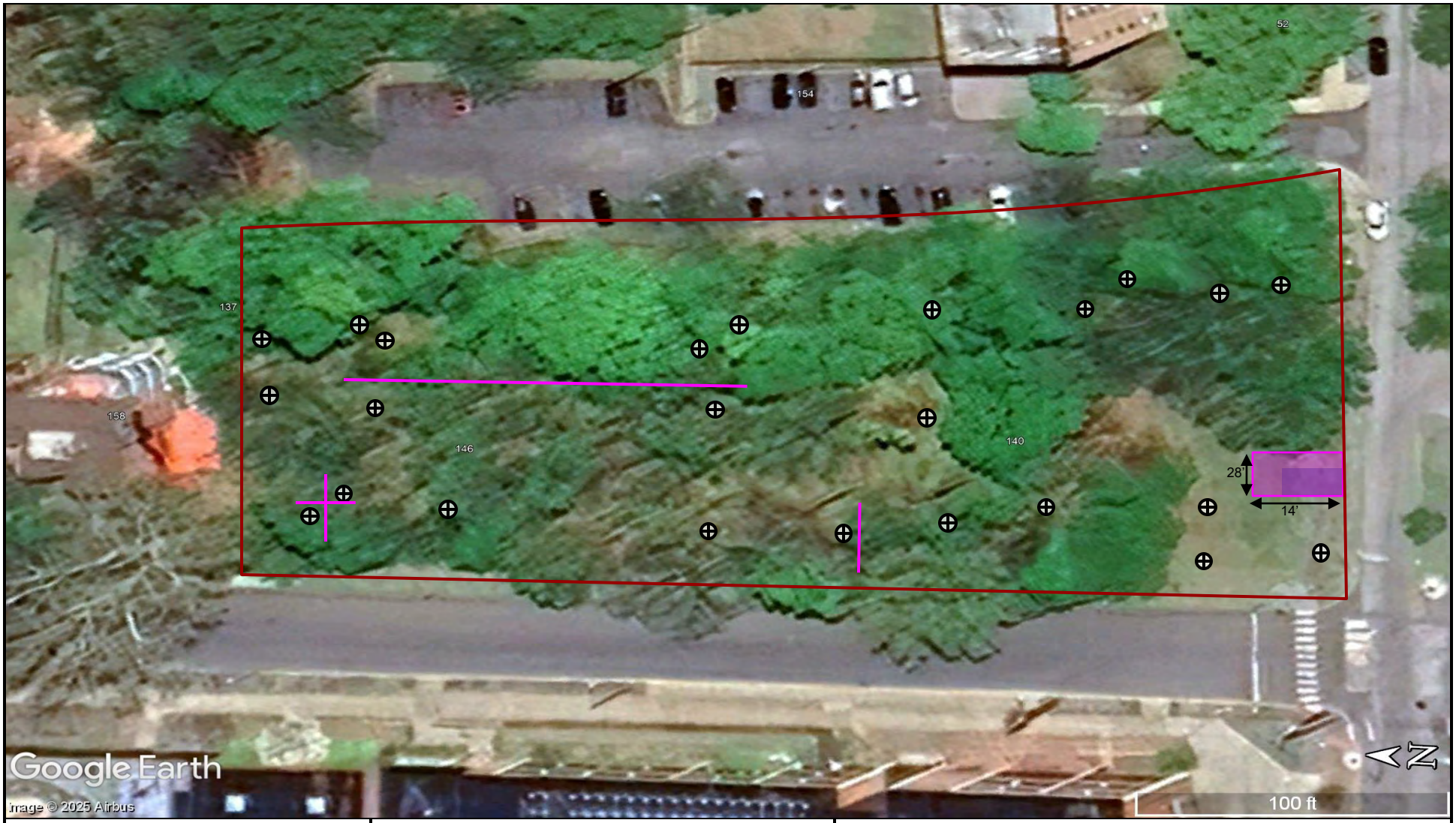
Subsurface Mapping Solutions

56-01 Marathon Parkway, # 765

Douglaston, New York 11362

Phone (347) 556-7787 * Fax (718) 261-1527

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SURVEY PLAN

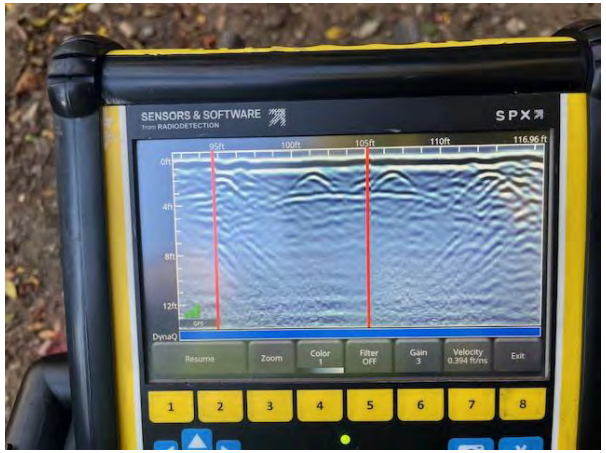
SITE:	**Vacant Property** 137 Smith St, Newburgh, New York 12550
CLIENT:	GALLAGHER BASSETT
DATE:	October 1st, 2025
AUTH:	Jason Staunton

LEGEND

- Survey Area
- Linear Anomaly
- Anomaly Area
- Possible UST
- Boring Location

GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
Newburgh, NY 12550
October 1st, 2025



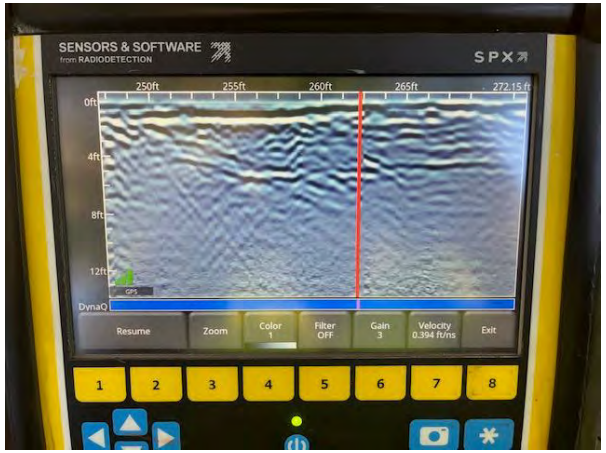






GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
Newburgh, NY 12550
October 1st, 2025









GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
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October 1st, 2025









GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
Newburgh, NY 12550
October 1st, 2025









GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
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October 1st, 2025







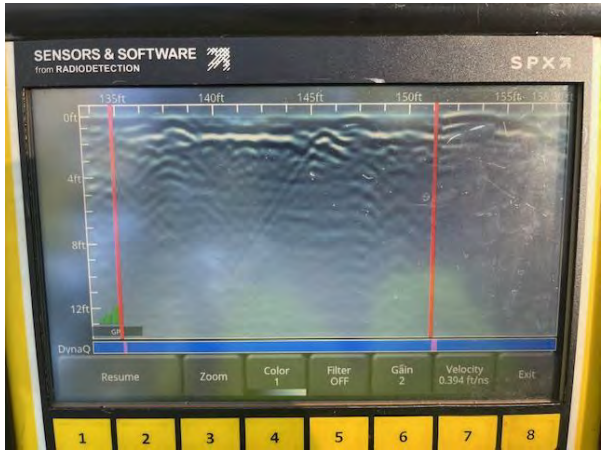


GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
Newburgh, NY 12550
October 1st, 2025









GEOPHYSICAL IMAGES

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October 1st, 2025









GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
Newburgh, NY 12550
October 1st, 2025



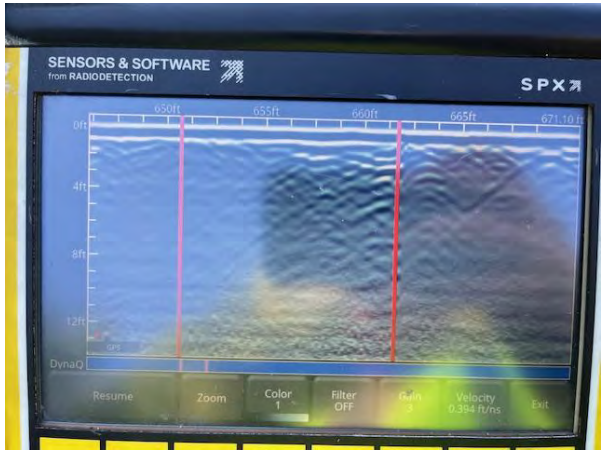






GEOPHYSICAL IMAGES

Vacant Property
137 Smith Street,
Newburgh, NY 12550
October 1st, 2025





Boring Logs

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-01 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-01 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 7.5' (100%)	**FILL** Reddish-brown SILT, Some F Sand, little F-C gravel; subangular, well graded (ML)	Dry	0.2	ND	ND	ND	**Surf** **5-7.5**
7.5 – 13' (100%)	**NATIVE GLACIAL TILL** Light brown F-C SAND, Some Silt (SM)	Dry - Wet	0.2	ND	ND	ND	**7.5-10**
13 – 15' (100%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular (GW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 - 7.5'
Field Evidence of Contamination
Not encountered
Saturated Soils
~9 - 15'
Additional Field Notes
Frequent mottling (orange/red accumulations, grey depletions) ~10-15'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-02 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-01 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 7.5' (80-100%)	**FILL** Light brown SILT, Some F Sand, little F-C gravel; subrounded, frequent brick, occasional burnt wood, well graded (ML)	Dry	0.2	ND	ND	ND	**Surf** **5-7.5**
7.5 – 12.5 (100%)	**NATIVE GLACIAL TILL** Light brown F-C SAND, Some Silt (SM)	Dry - Wet	0.2	ND	ND	ND	**7.5-10**
12.5 – 15' (100%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular (GW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 - 7.5' (brick, burnt wood)
Field Evidence of Contamination
Not encountered
Saturated Soils
~8 - 15'
Additional Field Notes
Frequent mottling (orange/red accumulations, grey depletions) ~10-15'
Stratified (coarse sand layers) ~10.0-12.5'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-03 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	*GBTS PROJECT 22003-0092*
	DATE: 2025-10-01 DRILLER (RIG) Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 14' (65-80%)	**LIKELY FILL** Reddish-brown SILT, Some F Sand, little F-C gravel; subangular, nonplastic, well graded (ML)	Dry-Wet	0.2	ND	ND	ND	**Surf** **10-12.5** **12.5-15**
14 – 15' (80%)	**WEATHERED BEDROCK** Grey F-C SAND AND F-C GRAVEL, little silt; angular (SW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 - 14'
Field Evidence of Contamination
Not encountered
Saturated Soils
~13 - 15'
Additional Field Notes
Frequent mottling (orange/red accumulations, grey depletions) ~10-15'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-04 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-01 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 15' (40-90%)	**FILL** Light to dark brown F-C SAND, little F-C gravel, little silt; angular, well graded, occasional burnt wood, brick, mortar, and glass (SW)	Dry-Wet	0.2	ND	ND	ND	**Surf** **0-5** **10-15**
	End of Boring at 15'						

Notes

Fill Materials
~0 - 15' (burnt wood, brick, mortar, glass)
Field Evidence of Contamination
Not encountered
Saturated Soils
~12 - 15'
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-05 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-01 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 7' (80-100%)	**FILL** Red to brown SILT, Some F Sand, little F gravel; angular (ML)	Dry-Wet	0.2	ND	ND	ND	**Surf** **5-7**
7 – 12' (100%)	**NATIVE GLACIAL TILL** Brown to grey F-C SAND, Some Silt, Some F-C Gravel; angular (SW)	Wet	0.2	ND	ND	ND	
12 – 15' (100%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular (GW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 - 7'
Field Evidence of Contamination
Not encountered
Saturated Soils
~6.5 - 15'
Additional Field Notes
Stratified (coarse sand and gravel layers alternating with silty sand layers) ~2.5-12'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-06 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-01 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 2.5' (80%)	**FILL** Light brown F-C SAND, Some Silt, Some F-C Gravel; rounded to angular, well graded (SW)	Dry	0.2	ND	ND	ND	**Surf** **0-2.5**
2.5 – 9' (90%)	**NATIVE GLACIAL TILL** Light brown F-M SAND, Some Silt, little F gravel; subangular (SM)	Dry - Wet	0.2	ND	ND	ND	**7.5-10**
9 – 15' (90%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND; angular (GW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 – 2.5'
Field Evidence of Contamination
Not encountered
Saturated Soils
~7.5 - 15'
Additional Field Notes
Frequent mottling (orange/red accumulations, grey depletions) ~5-9'
Stratified (medium sand layers alternating with silty fine sand layers) ~2.5-9'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-07 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12.5' (55-100%)	**FILL** Light brown to grey SILT, Some F-C Sand, Some F-C Gravel; occasional concrete, brick, burnt wood, angular (ML)	Dry-Wet	0.1	ND	ND	ND	**Surf** **10-15**
12.5 – 15' (55%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular (GW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 – 12.5' (concrete, brick, burnt wood)
Field Evidence of Contamination
Not encountered
Saturated Soils
~10 - 15'
Additional Field Notes
Frequent mottling (orange/red accumulations, grey depletions) ~0-12.5

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-08 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12' (80-100%)	**FILL** Light brown SILT, Some F-C Sand, Some F-C Gravel; angular, frequent brick, burnt wood, well graded (ML)	Dry-Wet	0.2	ND	ND	ND	**Surf** **8-10** **10-12**
12 – 15' (90%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular (GW)	Wet	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 - 12' (brick, burnt wood)
Field Evidence of Contamination
Not encountered
Saturated Soils
~8 - 15'
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-09 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 13' (85-90%)	**FILL** Light brown SILT, little F sand, trace F gravel; few brick fragments, burnt wood, organics, angular (ML)	Dry	0.1	ND	ND	ND	**Surf** **10-12.5**
13 – 15' (85%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little clay, little silt; angular (GW)	Wet	0.2	ND	ND	ND	**12.5-15**
	End of Boring at 15'						

Notes

Fill Materials
~0 - 13' (brick, burnt wood)
Field Evidence of Contamination
Not encountered
Saturated Soils
~13 - 15'
Additional Field Notes
Clayey silt layer at observed water table

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-10 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12' (100%)	**FILL** Light brown SILT, Some F-C Sand, little F-C Gravel; angular, occasional brick and burnt wood (ML)	Dry	0.2	ND	ND	ND	**Surf** **5-7** **10-12**
12 – 15' (100%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular (GW)	Dry	0.2	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 - 12' (brick, burnt wood)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-11 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 15' (75-90%)	**FILL** Brown SILT, Some F-C Sand, Some F-C Gravel; angular to subangular, frequent brick, burnt wood and miscellaneous debris (ML)	Dry	0.1	ND	ND	ND	**Surf** **0-5** **13-15**
	End of Boring at 15'						

Notes

Fill Materials
~0 – 15' (brick, burnt wood, miscellaneous debris)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-12 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 10' (100%)	**FILL** Light brown to grey F-C SAND AND SILT, Some F-C Gravel; angular, frequent concrete, brick and burnt wood (SW)	Dry	0.2	ND	ND	ND	**Surf** **4-6** **8-10**
	End of Boring (Refusal) at 10'						

Notes

Fill Materials
~0 - 10' (brick, burnt wood)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Occasional layers of poorly graded silt and fine sand
Refusal likely on foundation remains (confirmed via offsetting boring)

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-13 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 10' (60-100%)	**FILL** Dark to light brown F-C SAND, Some Silt, Some F-C Gravel; angular, frequent brick, frequent concrete (SW)	Dry	0.1	ND	ND	ND	**Surf** **0-5** **8-10**
10 – 15' (65%)	**NATIVE GLACIAL TILL** Grey SILT, Some F-C Gravel, little F sand; rounded, compact, nonplastic (ML)	SL	0.1	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 – 10' (brick, concrete)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-14 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-02 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12.5' (60-90%)	**FILL** Light brown SILT AND F-M SAND, Some F-C Gravel; angular (ML-SM)	Dry	0.1	ND	ND	ND	**Surf** **0-5** **10-12.5**
	End of Boring (Refusal) at 12.5'						

Notes

Fill Materials
~0 – 12.5'
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Refusal is likely due to old foundation, bedrock at this depth unlikely.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-15 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-03 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12' (70-90%)	**FILL** Light brown SILT, Some F-C Sand, Some F-C Gravel; angular, frequent brick, chalky white material, miscellaneous debris (ML)	Dry	0.1	ND	ND	ND	**Surf** **0-5** **10-12**
	End of Boring (Refusal) at 12'						

Notes

Fill Materials
~0 - 12' (brick, chalky white material, miscellaneous debris)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Refusal is likely due to an old foundation, confirmed via offset boring.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-16 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-03 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12' (65-100%)	**FILL** Light brown F-C SAND, Some Silt, Some F-C Gravel; angular, occasional brick fragments (SW)	Dry	0.1	ND	ND	ND	**Surf** **10-12**
12 – 15' (100%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular, compacted (GW)	Dry	0.1	ND	ND	ND	
	End of Boring at 15'						

Notes

Fill Materials
~0 – 12' (brick)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-17 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-03 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 12' (65-100%)	**FILL** Light brown SILT, Some F-C Sand, Some F-C Gravel; angular, occasional brick fragments (ML)	Dry	2.3	ND	ND	ND	**Surf** **0-5** **10-12**
12 – 13' (100%)	**WEATHERED BEDROCK** Grey F-C GRAVEL AND F-C SAND, little silt; angular, compacted (GW)	Dry	0.1	ND	ND	ND	
	End of Boring (Refusal) at 13'						

Notes

Fill Materials
~0 - 12' (brick)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Advanced on the northwestern edge of the subsurface anomaly through a 10" concrete slab

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-18 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-03 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 15' (78-100%)	**FILL** Light brown F-C SAND, Some Silt, Some F-C Gravel; angular, frequent concrete, occasional brick, well graded (SW)	Dry	0.0	ND	ND	ND	**Surf** **10-15**
	End of Boring at 15'						

Notes

Fill Materials
~0 - 15' (concrete, brick)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
None

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-19 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	*GBTS PROJECT 22003-0092*
	DATE: 2025-10-03 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 13' (60-100%)	**FILL** Light brown SILT, Some F-C Sand, Some F-C Gravel; angular to rounded, frequent glass, occasional brick, occasional concrete (ML)	Dry	0.1	ND	ND	ND	**Surf** **0-5** **10-13**
	End of Boring (Refusal) at 13'						

Notes

Fill Materials
~0 - 13' (glass, brick, concrete)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
UST/Anomaly Investigation

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

2SB-20 (SHEET 1 OF 1)	The Green – Remedial Investigation 137 Smith Street and 140 and 146 Montgomery Street Newburgh, New York NYSDEC BCP ID: C336099	GBTS PROJECT 22003-0092
	DATE: 2025-10-03 DRILLER (RIG): Core Down (6712DT Geoprobe, 5' macro-core) GBTS STAFF: SD, HB, ER WEATHER: Sunny 65F	

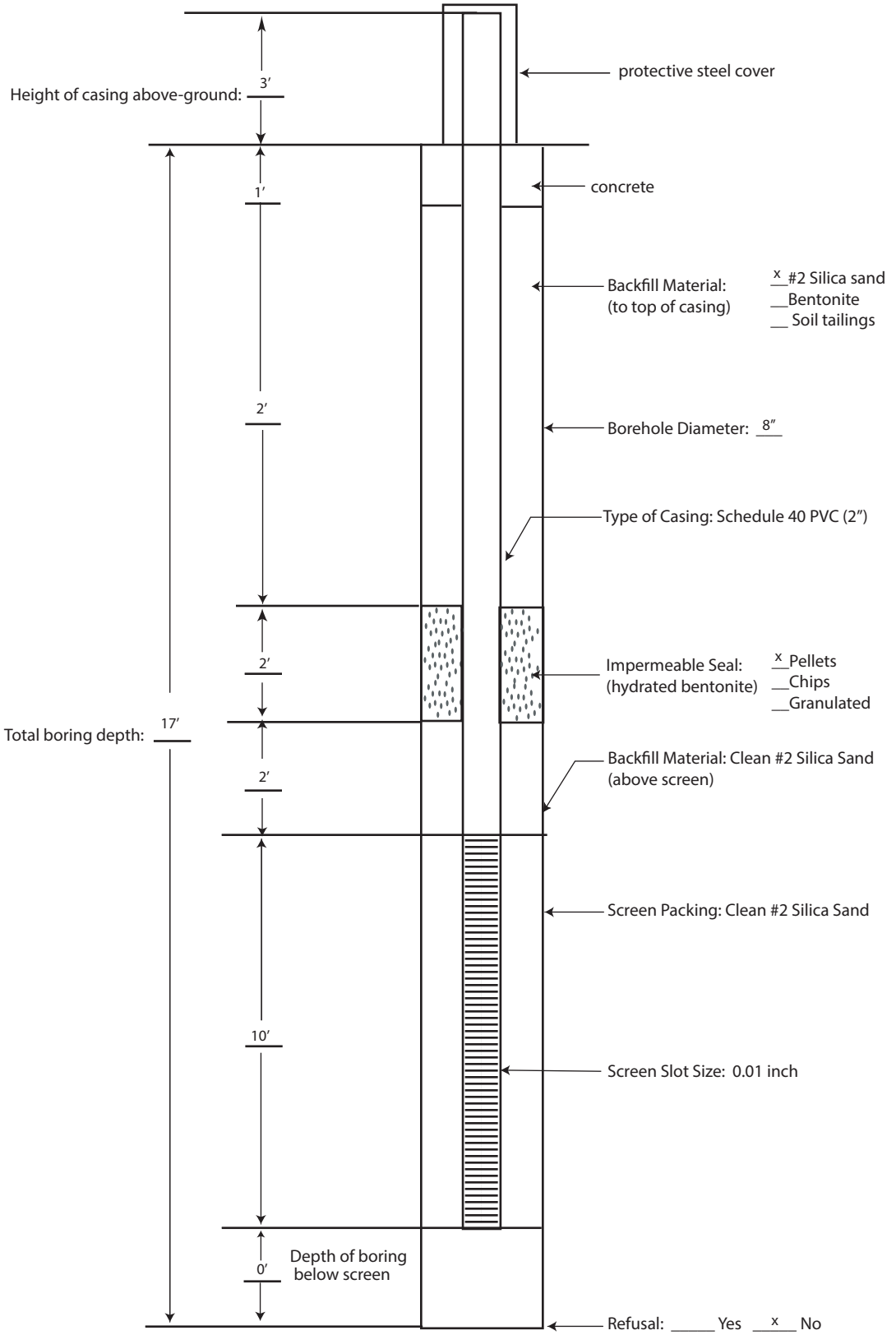
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL WITH LEAF COVER SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 8' (60-100%)	**FILL** Light brown SILT, Some F-C Sand, Some Gravel; angular to rounded, frequent glass, occasional brick, occasional concrete (ML)	Dry	0.1	ND	ND	ND	**Surf** **0-5** **5-8**
	End of Boring (Refusal) at 8'						

Notes

Fill Materials
~0 - 8' (glass, brick, concrete)
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
UST/Anomaly Investigation

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic) **SL** (slight)
GW (well graded gravel and sand) **SM** (silty sand) **SW** (well graded sand with silt and gravel) **ML** (sandy silt)

Well Construction Details

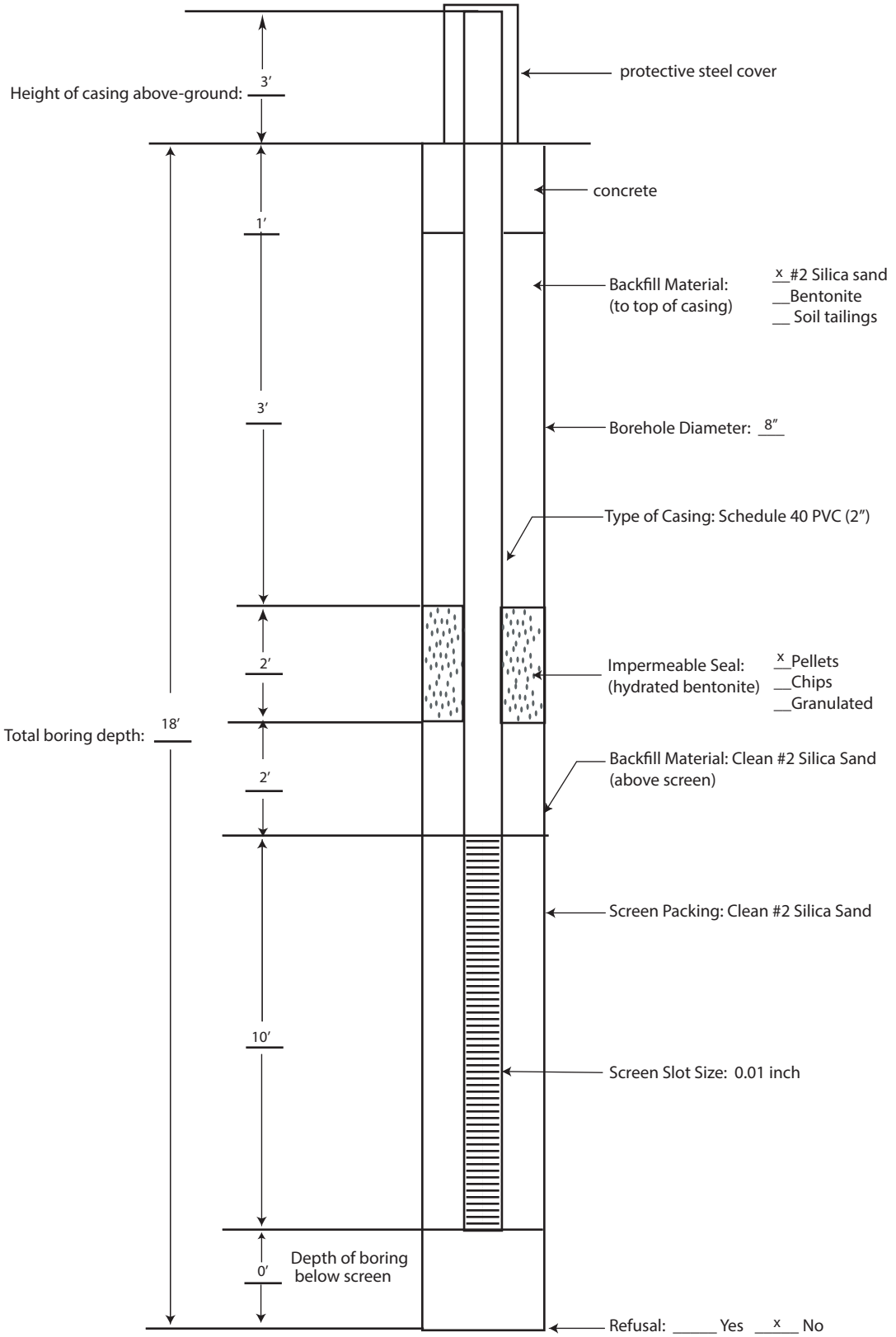


Monitor Well Installation Detail - MW-01

137 Smith Street
140 and 146 Montgomery Street
City of Newburgh
Orange County, New York

File: 22003-0092

Date Installed: 10/29/25

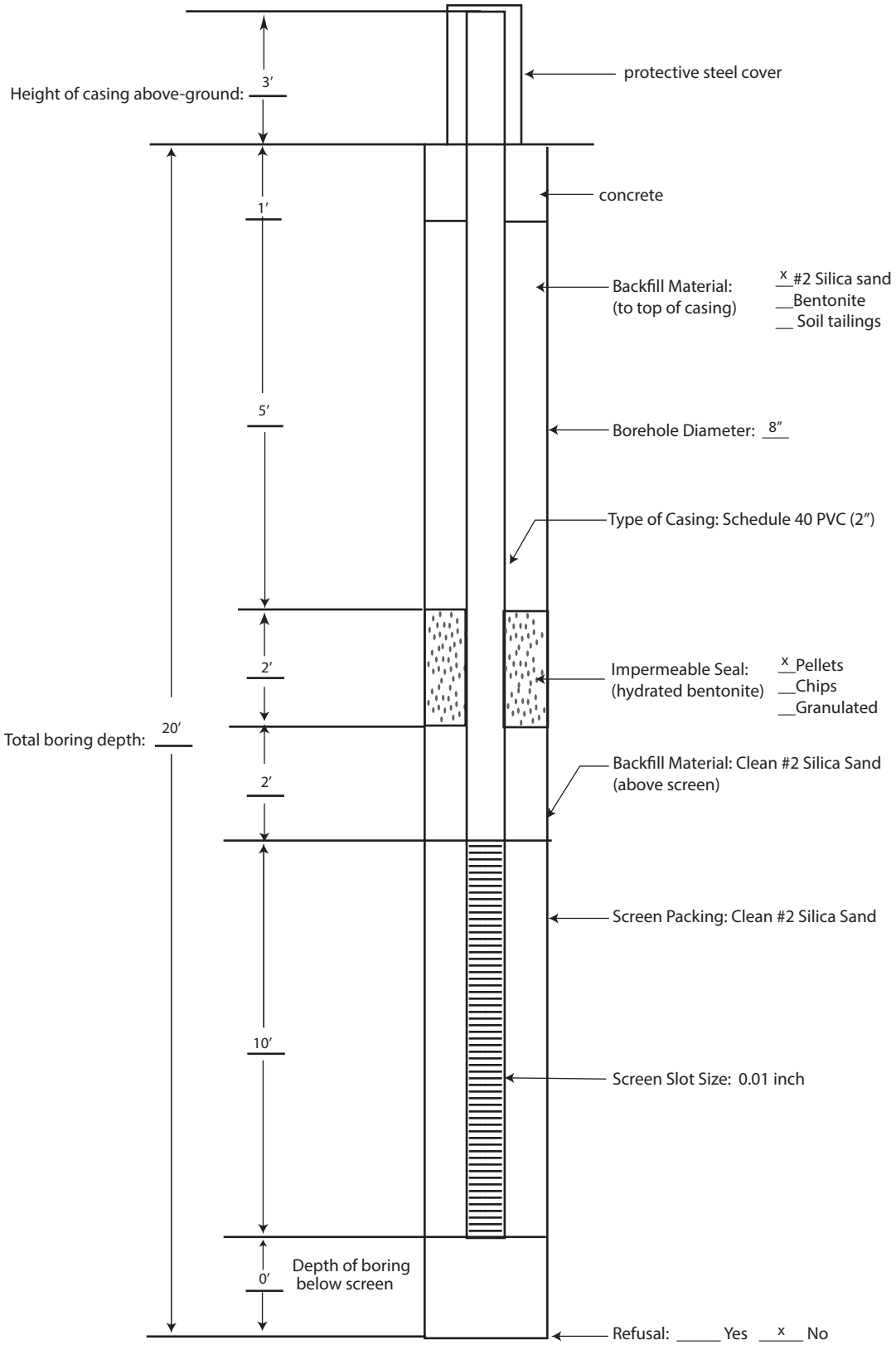


Monitor Well Installation Detail - MW-02

137 Smith Street
140 and 146 Montgomery Street
City of Newburgh
Orange County, New York

File: 22003-0092

Date Installed: 10/30/25

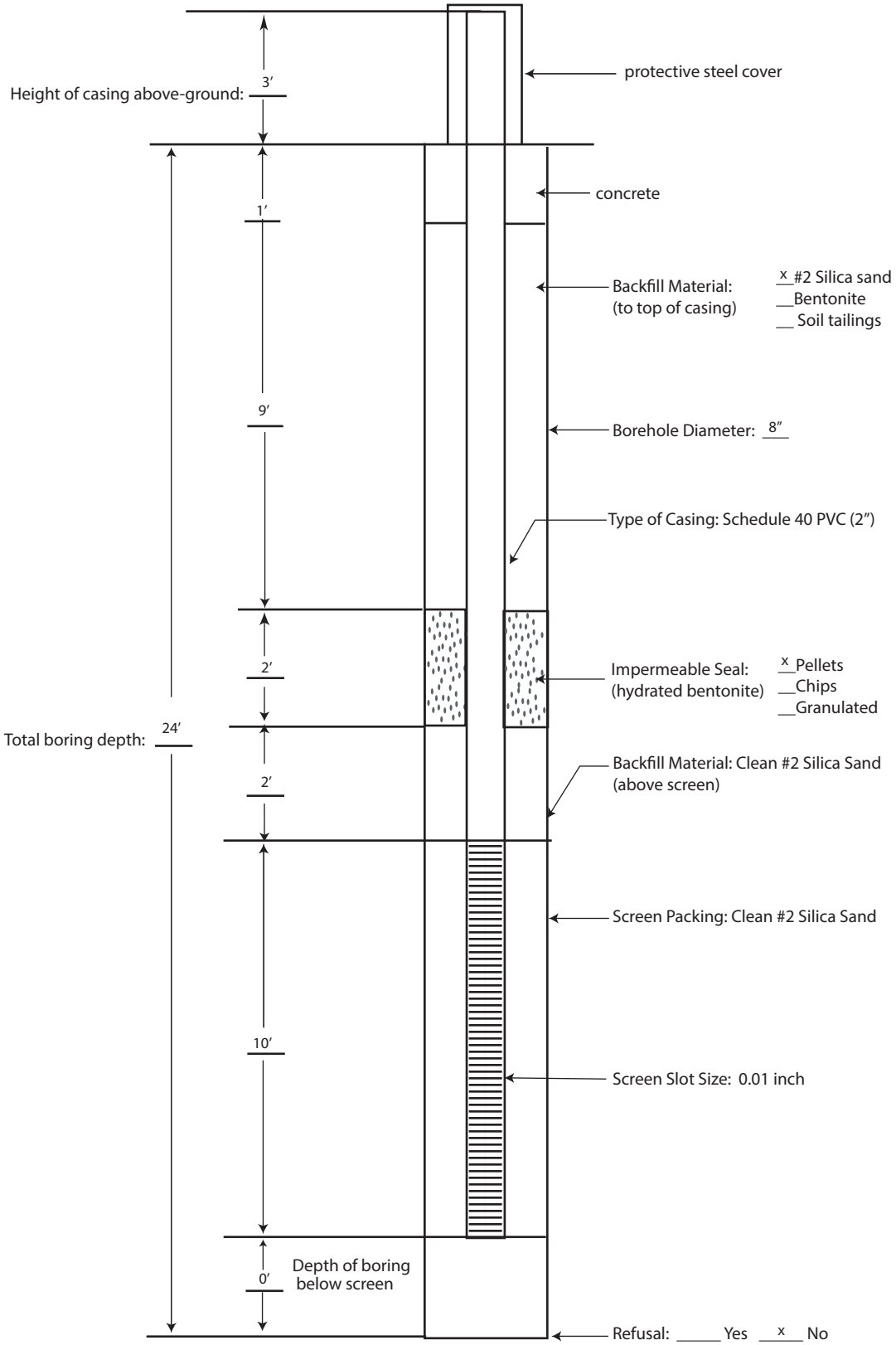


Monitor Well Installation Detail - MW-03

137 Smith Street
140 and 146 Montgomery Street
City of Newburgh
Orange County, New York

File: 22003-0092

Date Installed: 10/28/25

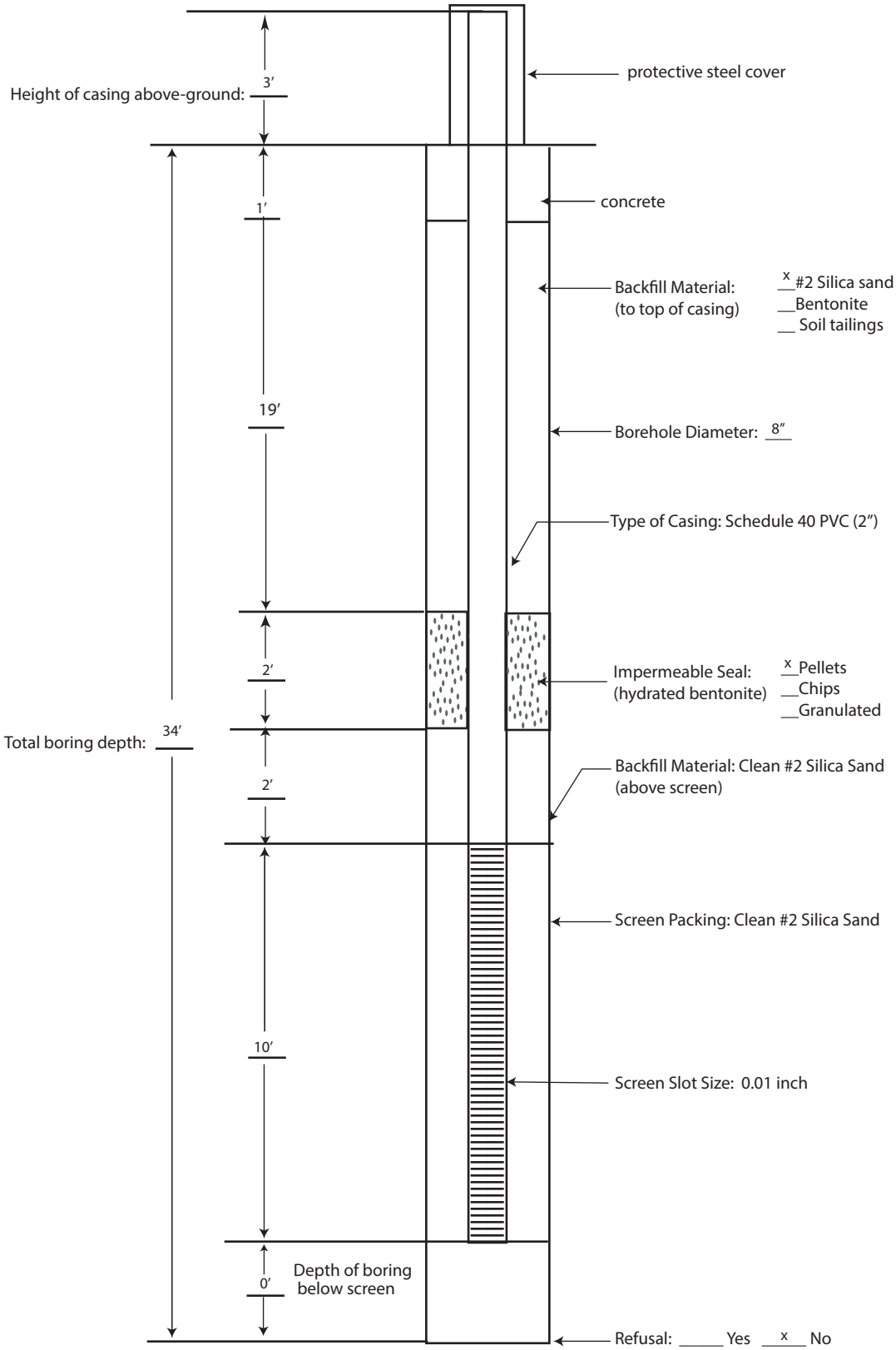


Monitor Well Installation Detail - MW-04

137 Smith Street
140 and 146 Montgomery Street
City of Newburgh
Orange County, New York

File: 22003-0092

Date Installed: 10/29/25

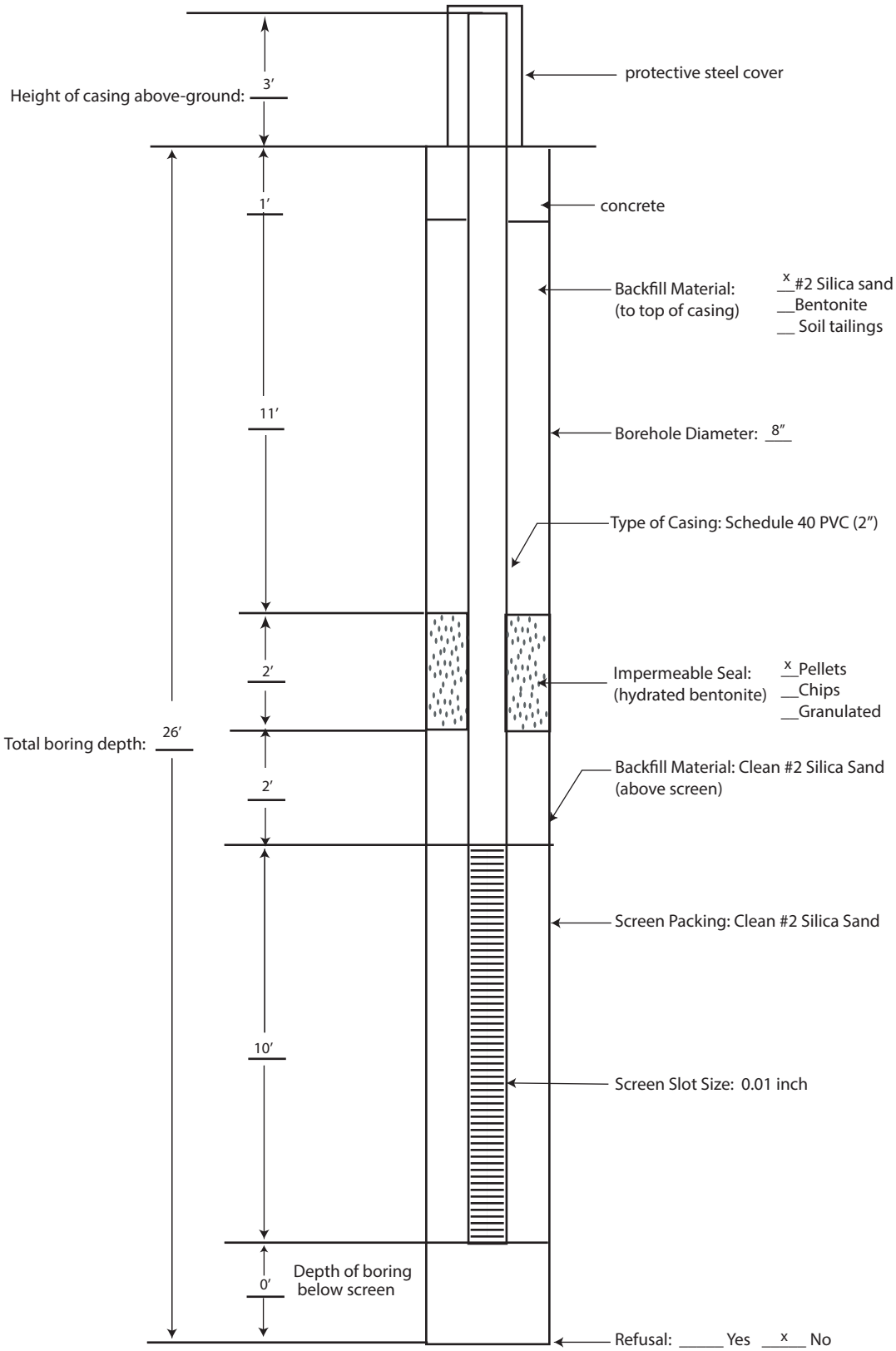


Monitor Well Installation Detail - MW-05

137 Smith Street
140 and 146 Montgomery Street
City of Newburgh
Orange County, New York

File: 22003-0092

Date Installed: 10/28/25



Monitor Well Installation Detail - MW-06

137 Smith Street
140 and 146 Montgomery Street
City of Newburgh
Orange County, New York

File: 22003-0092

Date Installed: 10/27/25

Groundwater Sampling Purge Sheets

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (133609)
GBTS PROJECT #: 22003-0092
Date: 11-6-25
Field Personnel: ERigby
Weather: partly cloudy occasional precipitation, 40s°F

Well ID: MW-01
PID Reading: initial - 0.0 ppm
Depth of well: 16.5 ft (abundance of sediment)
Depth to water: 12.62 ft
Pump type: peristaltic (GBTS-Peripump-01)

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
9:15	11.78	7.57	144	1.68	56.2	7.60	13.30	118	0.1 ppm / turbid + SL yellow tint
9:20	12.31	7.57	163	1.65	59.1	5.31	13.34	118	0.1 ppm / less turbid
9:25	12.49	7.55	169	1.63	56.1	7.03	13.39	105	0.1 ppm / less tubid
9:30	12.59	7.54	173	1.57	50.9	6.40	13.30	105	0.1 ppm / less tubid
9:35	12.60	7.56	174	1.57	51.2	6.77	13.34	110	0.1 ppm / less turbid

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

PURGED WATER DETAILS

Start/End time: ~8:45 - 9:35
Total purge time: 50min
Total volume: ~5.6L
Purge rate: avg. ~111mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

NOTES:

Ambient PID - 0.1 ppm
* Duplicate collected from MW-01
sample collection begins at 9:35

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C336099)
GBTS PROJECT #: 22003-0092
Date: 11-6-2025
Field Personnel: ERigby
Weather: partly cloudy, occasional precipitation, 40°F

Well ID: MW-02
PID Reading: 0.3ppm
Depth of well: 20.78ft
Depth to water: 9.98ft
Pump type: GBTS-peripump-01 (peristaltic)

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
12:50	13.26	7.33	156	1.97	0.0	1.34	10.14	120	0.1 ppm/clear
12:55	13.60	7.49	145	1.98	0.0	0.85	10.15	105	0.1 ppm/clear
13:00	13.81	7.53	137	1.98	0.0	0.67	10.16	110	0.1 ppm/clear
13:05	14.15	7.56	132	1.97	0.0	0.40	10.16	104	0.1 ppm/clear
13:10	14.20	7.59	128	1.97	0.0	0.27	10.15	110	0.1 ppm/clear
13:15	14.20	7.61	124	1.98	0.0	0.66	10.16	110	0.1 ppm/clear
13:20	14.20	7.62	121	1.98	0.0	0.48	10.15	110	0.1 ppm/clear
13:25	14.20	7.62	120	1.98	0.0	0.47	10.16	106	0.1 ppm/clear
13:30	14.21	7.62	119	1.99	0.0	0.52	10.15	104	0.1 ppm/clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES: Ambient PID - 0.1ppm

PURGED WATER DETAILS

Start/End time: 12:42 - 13:30
Total purge time: 48min
Total volume: ~5.2L
Purge rate: avg. ~109 mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C336099)
GBTS PROJECT #: 22003-0092
Date: 11-6-2025
Field Personnel: SDavid
Weather: cloudy, 40s°F

Well ID: MW-03
PID Reading: 0.1ppm
Depth of well: 23.13ft
Depth to water: 8.93ft (from top of casing)
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
13:20	12.11	7.70	-79	3.12	6.3	8.06	9.42	70	0.0ppm / clear
13:25	12.39	7.64	-101	3.09	6.2	4.78	9.53	70	0.0ppm / clear
13:30	12.49	7.63	-107	3.09	5.9	3.97	9.57	70	0.0ppm / clear
13:35	12.60	7.63	-109	3.09	5.6	3.87	9.63	70	0.0ppm / clear
13:40	12.65	7.63	-110	3.10	4.9	3.80	9.65	70	0.0ppm / clear
13:45	12.68	7.64	-112	3.10	5.3	3.72	9.65	70	0.0ppm / clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

PURGED WATER DETAILS

Start/End time: 13:15 / 13:50
Total purge time: 35min
Total volume: 2.45L
Purge rate: 70mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

NOTES:

bottom of tubing set at ~15ft

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (336099)
GBTS PROJECT #: 22003-0092
Date: 11-6-2025
Field Personnel: S David
Weather: cloudy, 40s °F

Well ID: MW-04
PID Reading: 0.6 ppm
Depth of well: 27.17 feet
Depth to water: 18.23 ft (from top of casing)
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
8:40	11.79	6.86	168	2.17	0.0	2.64	18.27	70	0.0ppm/ clear
8:45	12.00	6.88	167	2.16	0.0	2.33	18.31	70	0.0 ppm/ clear
8:50	12.07	6.88	167	2.17	0.0	1.10	18.31	70	0.0 ppm/ clear
8:55	12.09	6.88	167	2.17	0.0	1.07	18.45	70	0.0ppm/ clear
9:00	12.09	6.88	167	2.17	0.0	1.07	18.49	70	0.0ppm/ clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

PURGED WATER DETAILS

Start/End time: 8:30 / 9:05
Total purge time: 35 min
Total volume: 2.45L
Purge rate: 70mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes / (No) L/DNAPL thickness (in.):_____

NOTES:

★ MS/MSD additional volume collected from MW-04

· bottom of tubing set at ~20-21'

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (336099)
GBTS PROJECT #: 22003-0092
Date: 11-6-25
Field Personnel: J Soria
Weather: cloudy, 40s °F

Well ID: MW-05
PID Reading: 0.7ppm
Depth of well: 36.83 ft
Depth to water: 22.05 ft
Pump type: peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
8:25	12.11	6.83	-113	1.72	76.5	3.07	22.05	53	clear color
8:30	12.09	7.26	-166	1.74	59.1	0.71	22.13	53	clear color
8:35	12.15	7.35	-205	1.74	46.8	0.05	22.17	53	clear color
8:40	12.23	7.38	-207	1.74	46.2	0.00	22.23	53	clear color
8:45	12.15	7.34	-206	1.75	47.2	0.0	22.24	53	clear color

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 8:06 | 8:45
Total purge time: 39 min
Total volume: 2.067 L
Purge rate: 53mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C8316099)
GBTS PROJECT #: 22003-0092
Date: 11-6-2025
Field Personnel: JSoria
Weather: cloudy, 40s °F

Well ID: MW-016
PID Reading: 32.8 ppm ☆
Depth of well: 30.15 ft
Depth to water: 20.86 ft
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
13:15	13.10	7.75	-484	2.59	49.9	1.20	20.86	55	clear
13:20	13.04	7.76	-543	2.62	38.5	0.41	20.91	55	clear
13:25	13.02	7.78	-519	2.63	33.9	0.0	20.92	55	clear
13:30	12.79	7.83	-483	2.64	30.8	0.0	20.92	55	clear
13:35	12.59	7.85	-455	2.63	29.3	0.05	20.95	55	clear
13:40	12.71	7.82	-465	2.62	29.9	0.0	20.99	55	clear
13:45	12.89	7.80	-504	2.63	28.5	0.0	21.02	55	clear
13:50	12.72	7.79	-566	2.66	28.4	0.0	21.05	55	clear
13:55	12.77	7.80	-564	2.65	27.7	0.0	21.05	55	clear
14:00	12.74	7.80	-574	2.65	27.7	0.0	21.07	55	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 12:35 | 14:00
Total purge time: 85 min
Total volume: 4.675 L
Purge rate: 55mL | min

CHARACTERISTICS:

Odor: none | (slight) | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C336099)
GBTS PROJECT #: 22003-0092
Date: 12-4-2025
Field Personnel: JSoria
Weather: Cloudy, 30s °F

Well ID: MW-01
PID Reading: 0.0ppm
Depth of well: 16.10 ft
Depth to water: 13.5 ft
Pump type: peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
9:06	10.3	7.30	-104.3	0.760	48.21	7.62	13.66	70	clear
9:11	9.9	7.41	-107.8	0.747	36.42	7.38	13.66	70	clear
9:16	9.9	7.26	-105.3	0.737	19.90	7.32	13.66	70	clear
9:21	9.8	7.26	-105.5	0.736	12.09	7.30	13.68	70	clear
9:26	10	7.26	-104.9	0.735	12.49	7.32	13.69	70	clear
9:31	10.1	7.26	-105.3	0.727	11.30	7.19	13.69	70	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 8:40/9:41
Total purge time: 61 min
Total volume: 4.27L
Purge rate: 70mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C336099)
GBTS PROJECT #: 22003-0092
Date: 12-4-2025
Field Personnel: SDavid
Weather: cloudy, 30s °F

Well ID: MW-02
PID Reading: 0.0 ppm
Depth of well: 20.77ft (from top of casing)
Depth to water: 10.04ft
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
8:35	9.0	7.54	-297.7	0.896	1.89	1.68	10.09	75	clear
8:40	9.3	7.40	-302.6	0.901	1.73	0.72	10.11	75	clear
8:45	9.3	7.38	-298.2	0.902	1.75	0.67	10.13	75	clear
8:50	9.6	7.37	-299.7	0.911	1.72	0.63		75	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 8:24 | 8:55
Total purge time: 31 min
Total volume: 2.325L
Purge rate: 75 mL | min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C3362099)
GBTS PROJECT #: 22003-0092
Date: 12-4-2025
Field Personnel: JSoria
Weather: Cloudy, 30s °F

Well ID: mw-03
PID Reading: 0.8ppm
Depth of well: 23.28 ft
Depth to water: 8.58ft
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
10:20	8.7	7.34	-202.5	1.665	3.86	1.76	9.05	61	clear
10:25	8.8	7.32	-223.6	1.749	4.00	1.06	9.13	61	clear
10:30	9.2	7.32	-230.8	1.786	4.21	0.87	9.15	61	clear
10:35	9.2	7.32	-233.9	1.794	3.27	0.78	9.20	61	clear
10:40	9.4	7.32	-233.5	1.798	3.57	0.72	9.25	61	clear
10:45	9.1	7.32	-237.5	1.799	3.52	0.69	9.25	61	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 10:10/10:51
Total purge time: 41 min
Total volume: 2.50L
Purge rate: 61mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C3316099)
GBTS PROJECT #: 22003-0092
Date: 12-4-2025
Field Personnel: SDavid
Weather: cloudy, 30s°F

Well ID: MW-04
PID Reading: 0.1 ppm
Depth of well: 26.97 ft
Depth to water: 17.35 ft
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
9:45	10.1	6.65	155.4	467.2	1.65	0.95	17.67	72	clear
9:50	9.8	6.66	153.5	465.8	1.30	0.92	17.69	72	clear
9:55	10.1	6.59	150.6	455.4	1.31	0.84	17.73	72	clear
10:00	10.4	6.58	147.3	452.3	1.28	0.82	17.78	72	clear
10:05	10.4	6.56	142.3	452.2	1.30	0.82	17.79	72	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 9:30/10:10
Total purge time: 40 min
Total volume: 2.88 L
Purge rate: 72 mL/min

CHARACTERISTICS:

Odor: none | (slight) | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes | (No) L/DNAPL thickness (in.):_____

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C336099)
GBTS PROJECT #: 22003-0092
Date: 12-4-2025
Field Personnel: JSoria
Weather: Cloudy, 30s°F

Well ID: MW-05
PID Reading: 0.5ppm
Depth of well: 37.02ft
Depth to water: 21.19ft
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
11:38	8.4	7.63	151.8	0.970	10.21	5.53	21.47	64	clear
11:43	9.7	7.55	156.7	1.024	9.67	4.95	21.47	64	clear
11:48	10.4	7.54	161.3	1.047	8.38	4.80	21.58	64	clear
11:53	11.1	7.53	160.5	1.053	9.05	4.86	21.69	64	clear
11:58	11.4	7.51	163.0	1.070	9.08	4.63	21.69	64	clear
12:03	11.5	7.51	166.0	1.090	8.84	4.42	21.69	64	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

PURGED WATER DETAILS

Start/End time: 11:23-12:04
Total purge time: 41min
Total volume: 2.624L
Purge rate: 64ml/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes (No) L/DNAPL thickness (in.):_____

NOTES:

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: The Green (C336099)
GBTS PROJECT #: 22008-0092
Date: 12-4-2025
Field Personnel: SDavid
Weather: Cloudy, 30s°F

Well ID: MW-016
PID Reading: ~~7.2~~ ppm
Depth of well: 29.91ft
Depth to water: 20.90ft
Pump type: peristaltic

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
10:45	9.0	7.44	-108.1	468.2	6.24	1.02	20.95	52	clear
10:50	8.9	7.45	-111.5	467.9	6.37	0.99	21.05	52	clear
10:55	8.9	7.45	-115.5	466.5	5.96	0.97	21.08	52	clear
11:00	8.9	7.45	-123.8	468.7	6.25	0.92	21.11	52	clear
11:05	9.3	7.42	-129.0	473.6	6.14	0.88	21.15	52	clear

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 10:35 | 11:10
Total purge time: 35min
Total volume: 1.82L
Purge rate: 52mL/min

CHARACTERISTICS:

Odor: none | slight | (moderate) | strong
Sheen: (none) | slight | moderate | strong
L/DNAPL: Yes (No) L/DNAPL thickness (in.):_____

Vapor Sampling Log

Soil Vapor Sampling Log

The Green, Newburgh, NY
BCP ID: C336099

ID	PID (ppm)	Canister ID	Flow Controller ID	Start Time/ Pressure	End Time/ Pressure	Grid ID	Date
SV-01	20.8	49207	10575	9:30/-30	11:17/-7	A1	2025-10-03
SV-02	26.5	273	10554	9:23/-29	11:04/-9	D1	2025-10-03
SV-03	10.0	49199	5705	9:17/-31	11:07/-7	A3	2025-10-03
SV-04	6.0	23336	10668	9:11/-29	10:59/-8	D3	2025-10-03
SV-05	2.5	19816	7025	8:58/-30	10:55/-9	A7	2025-10-03
SV-06	5.0	7304	10607	9:04/-30	10:51/-8	D7	2025-10-03
SV-07	3.8	28562	10378	8:48/-29	10:35/-9	B11	2025-10-03
SV-08	3.6	12858	3256	8:38/-30	10:28/-9	E11	2025-10-03

CAMP Data

GALLAGHER BASSETT | TECHNICAL SERVICES

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DAILY AIR MONITORING REPORT
140 Montgomery Street
Newburgh, New York

10/01/2025

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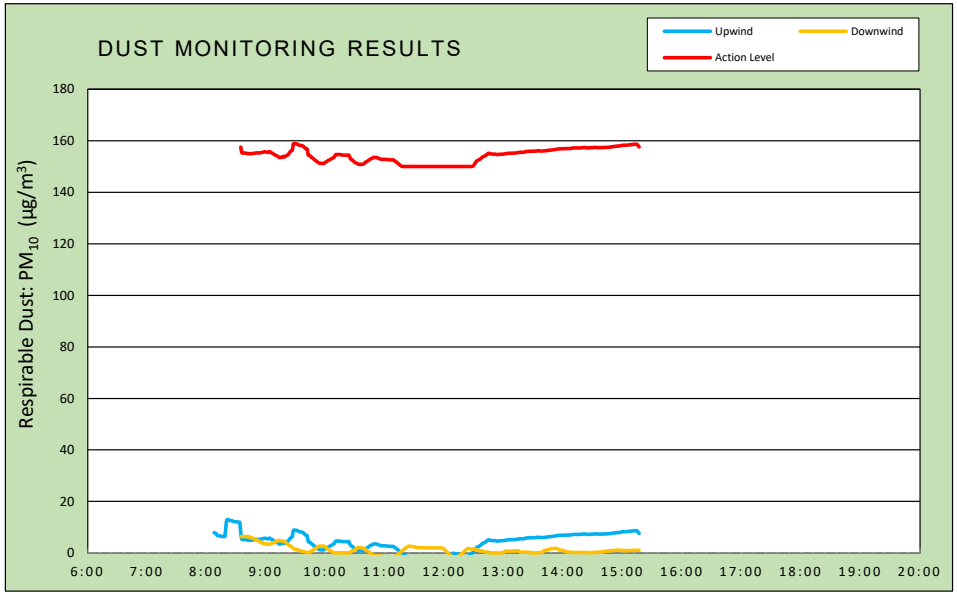
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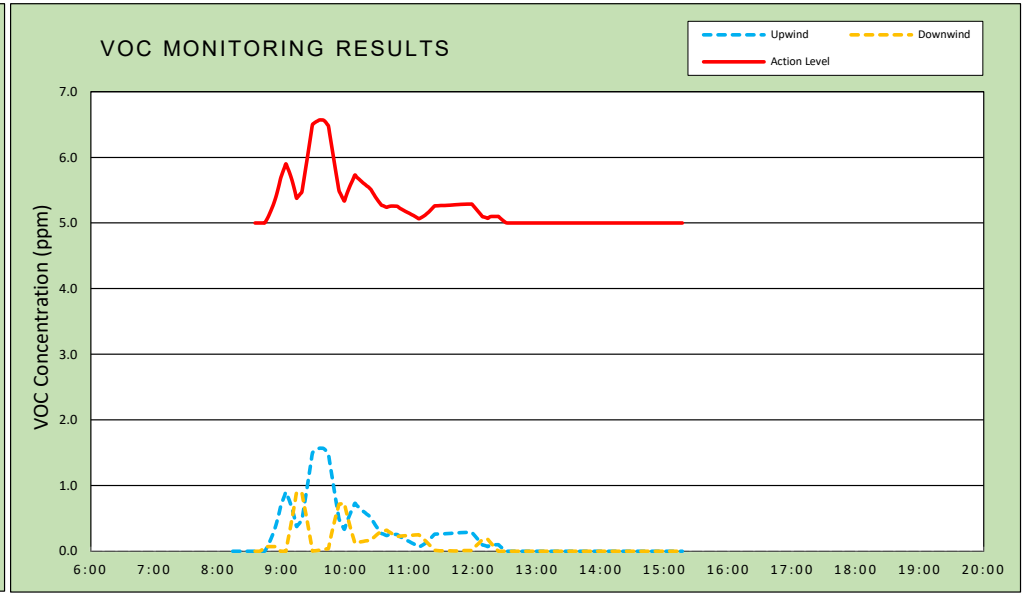
Dust Action Level: 150 µg/m^3

VOC Action Level: 5 ppm

Weather Data Range for Work Day		Wind Direction	NNE	Relative Humidity (%)	39.0 - 82.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	46.0 - 67.0	Wind Speed (MPH)	1.9 - 10.8	Barometer (inHg)	30.20 - 30.20	Avg. Dew Point Temp (°F)	43.6	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	4.4	12.9	8:22	0.2	1.6	9:37
Downwind	1.3	6.4	8:36	0.1	0.9	8:35



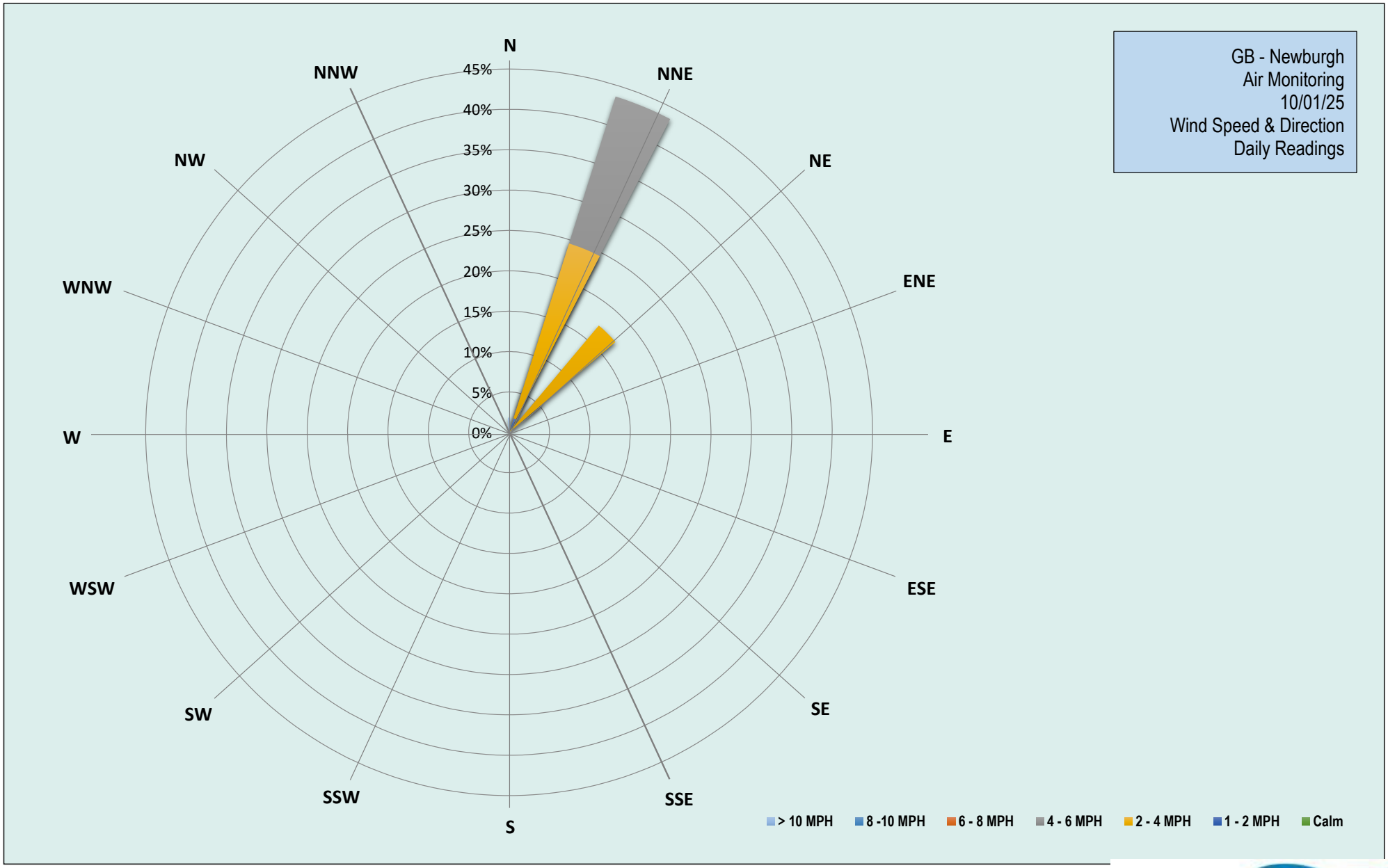


Air Monitoring Notes:

Weather Notes:

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DAILY AIR MONITORING REPORT
140 Montgomery Street
Newburgh, New York

10/02/2025

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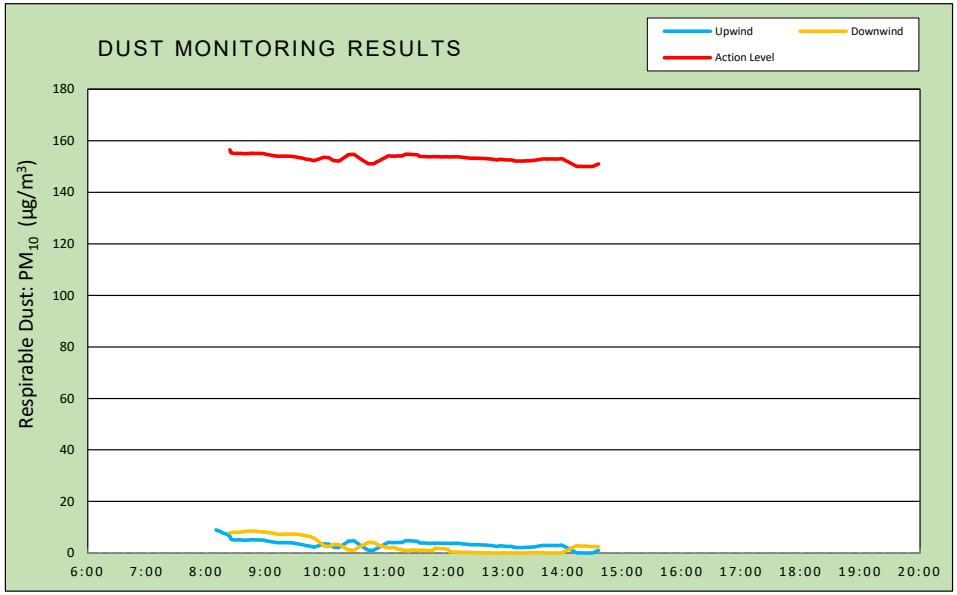
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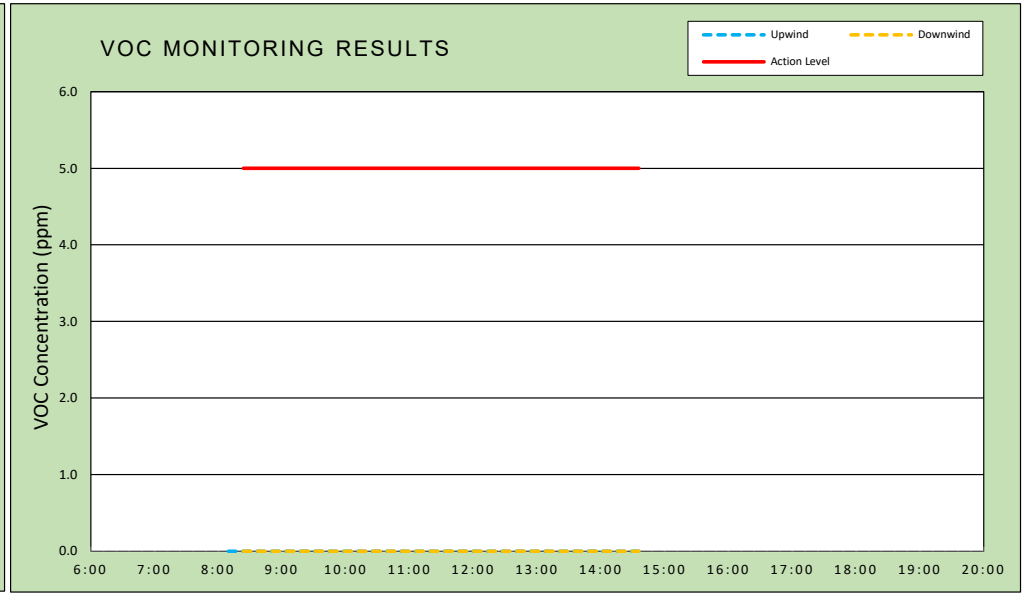
Dust Action Level: 150 µg/m^3

VOC Action Level: 5 ppm

Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	43.0 - 93.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	39.0 - 65.0	Wind Speed (MPH)	0.5 - 2.2	Barometer (inHg)	30.40 - 30.50	Avg. Dew Point Temp (°F)	41.9	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	3.4	9.0	8:10	0.0	0.0	8:10
Downwind	2.9	8.5	8:43	0.0	0.0	8:24



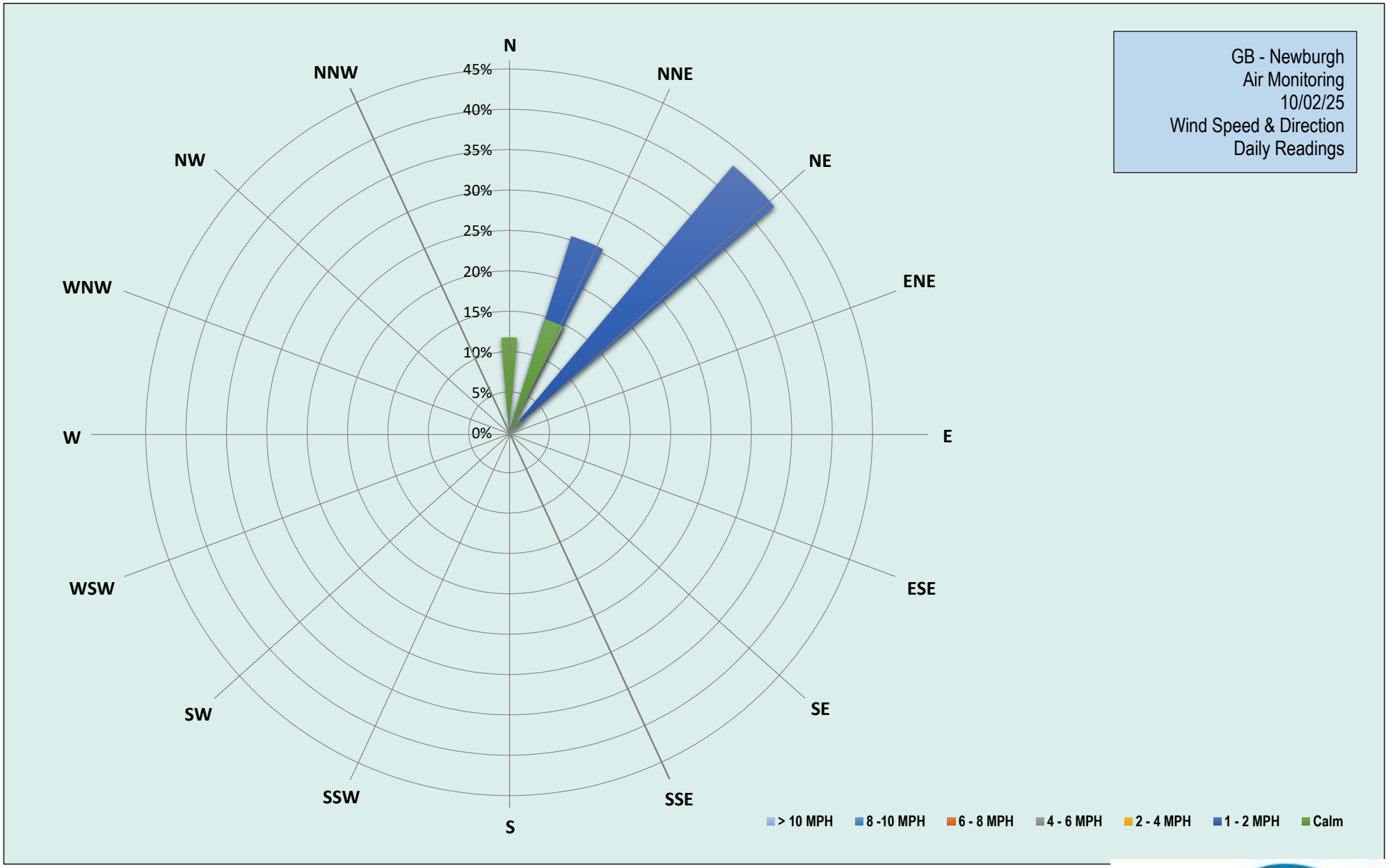


Air Monitoring Notes:

Weather Notes:

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Newburgh, New York

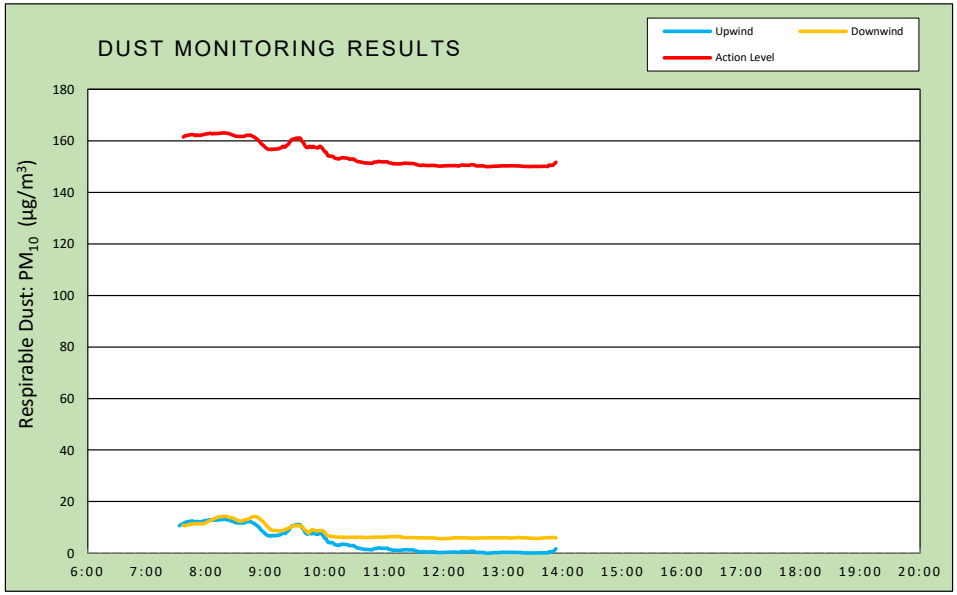
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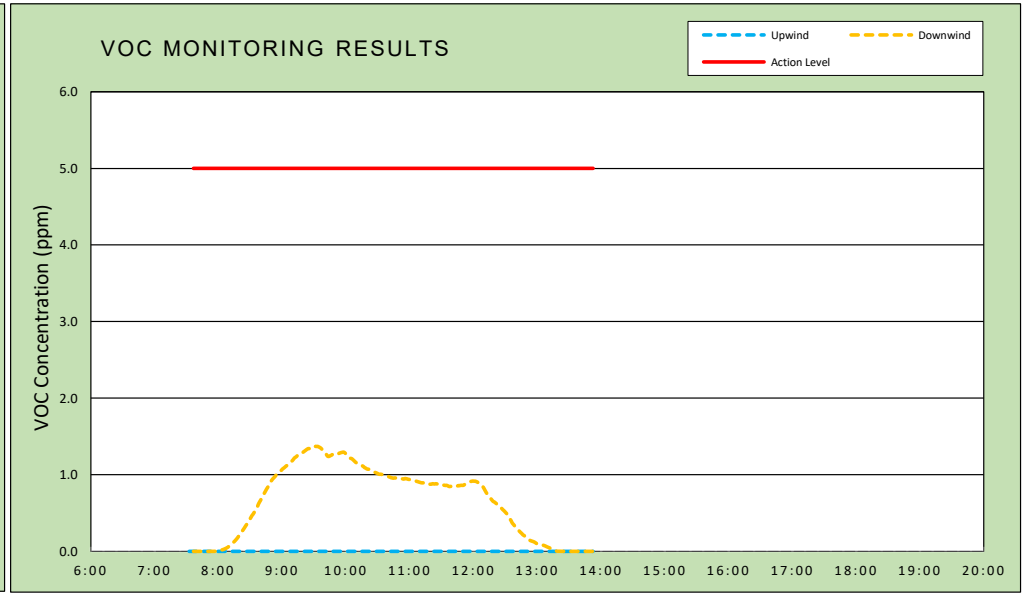
Rev. No. 0	Page 1 of 2
Project Number:	
Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	WSW	Relative Humidity (%)	43.0 - 100.0	Daily Rain Total (in)	0.00
Temperature (°F)	40.0 - 72.0	Wind Speed (MPH)	0.6 - 7.0	Barometer (inHg)	30.30 - 30.40	Avg. Dew Point Temp (°F)	46.7

Readings in the summary table and graphs below are the reported downwind concentrations.

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	4.7	13.1	8:18	0.0	0.0	7:33
Downwind	8.0	14.3	8:20	0.6	1.4	7:37



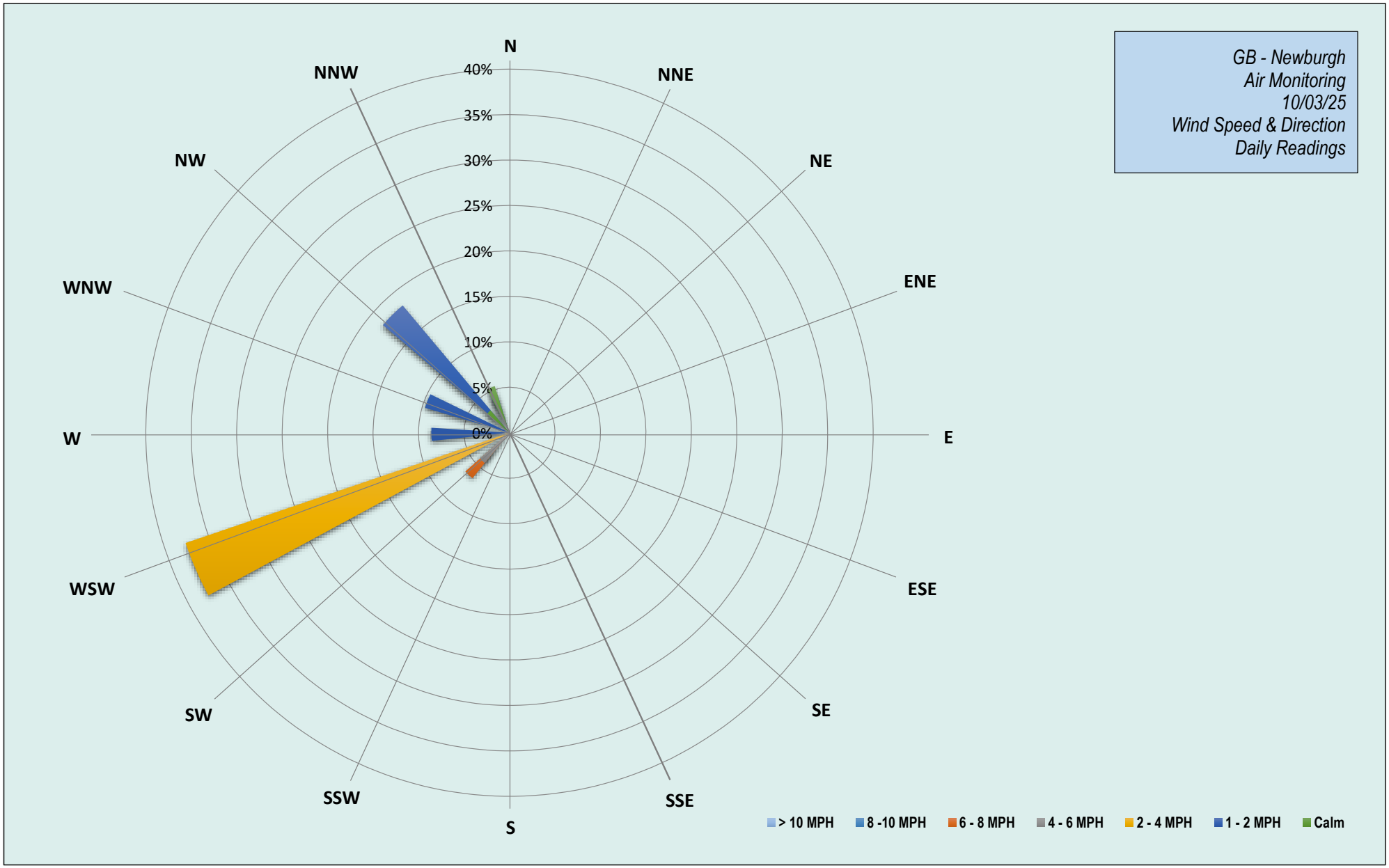


Air Monitoring Notes:

Weather Notes:

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Friday, October 3, 2025						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						377
Start Time:						7:18
End Time:						13:53
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	5.5	-	7:18	-	-	-
7:19	10.0	-	7:19	-	-	-
7:20	10.3	-	7:20	-	-	-
7:21	10.5	-	7:21	-	-	-
7:22	10.0	-	7:22	9.0	-	-
7:23	9.3	-	7:23	13.8	-	-
7:24	10.0	-	7:24	11.0	-	-
7:25	10.5	-	7:25	10.8	-	-
7:26	10.5	-	7:26	10.3	-	-
7:27	10.0	-	7:27	10.0	-	-
7:28	10.5	-	7:28	10.0	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
7:29	10.0	-	7:29	10.0	-	-
7:30	10.5	-	7:30	10.0	-	-
7:31	11.8	-	7:31	10.0	-	-
7:32	12.0	-	7:32	9.3	-	-
7:33	13.5	10.6	7:33	10.8	-	-
7:34	14.3	10.9	7:34	11.0	-	-
7:35	13.0	11.1	7:35	11.5	-	-
7:36	13.0	11.3	7:36	11.5	-	-
7:37	13.3	11.5	7:37	12.0	10.8	-
7:38	13.5	11.8	7:38	11.8	10.7	-
7:39	13.0	12.0	7:39	11.5	10.7	-
7:40	12.0	12.1	7:40	12.0	10.8	-
7:41	11.8	12.1	7:41	11.3	10.8	-
7:42	11.3	12.2	7:42	11.8	11.0	-
7:43	11.0	12.3	7:43	12.0	11.1	-
7:44	11.3	12.3	7:44	11.5	11.2	-
7:45	12.0	12.4	7:45	11.0	11.3	-
7:46	11.8	12.4	7:46	11.0	11.3	-
7:47	11.3	12.4	7:47	11.0	11.4	-
7:48	11.8	12.3	7:48	11.0	11.5	-
7:49	10.5	12.0	7:49	11.0	11.5	-
7:50	15.0	12.2	7:50	11.0	11.4	-
7:51	15.0	12.3	7:51	11.8	11.4	-
7:52	11.3	12.2	7:52	11.8	11.4	-
7:53	13.0	12.1	7:53	11.3	11.4	-
7:54	13.0	12.1	7:54	12.0	11.4	-
7:55	13.8	12.2	7:55	11.3	11.4	-
7:56	12.8	12.3	7:56	11.5	11.4	-
7:57	12.5	12.4	7:57	12.5	11.4	-
7:58	12.5	12.5	7:58	13.0	11.5	-
7:59	13.0	12.6	7:59	13.5	11.6	-
8:00	13.0	12.7	8:00	14.0	11.8	-
8:01	12.5	12.7	8:01	14.0	12.0	-
8:02	12.5	12.8	8:02	14.0	12.2	-
8:03	12.0	12.8	8:03	14.0	12.4	-
8:04	12.8	13.0	8:04	14.0	12.6	-
8:05	13.0	12.8	8:05	14.0	12.8	-
8:06	13.0	12.7	8:06	14.3	13.0	-
8:07	13.0	12.8	8:07	14.0	13.2	-
8:08	13.0	12.8	8:08	14.0	13.3	-
8:09	13.0	12.8	8:09	14.5	13.5	-
8:10	13.8	12.8	8:10	14.0	13.7	-
8:11	13.0	12.8	8:11	14.0	13.9	-
8:12	13.0	12.9	8:12	14.8	14.0	-
8:13	13.0	12.9	8:13	14.5	14.1	-
8:14	13.5	12.9	8:14	14.0	14.1	-
8:15	13.5	13.0	8:15	14.0	14.1	-
8:16	13.0	13.0	8:16	14.3	14.2	-
8:17	13.0	13.0	8:17	15.0	14.2	-
8:18	13.0	13.1	8:18	14.5	14.3	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:19	12.5	13.1	8:19	14.5	14.3	-
8:20	12.0	13.0	8:20	14.3	14.3	-
8:21	12.0	13.0	8:21	12.5	14.2	-
8:22	12.0	12.9	8:22	12.0	14.1	-
8:23	12.0	12.8	8:23	12.0	13.9	-
8:24	11.0	12.7	8:24	12.8	13.8	-
8:25	11.0	12.5	8:25	13.0	13.7	-
8:26	11.0	12.4	8:26	13.0	13.7	-
8:27	11.0	12.2	8:27	13.0	13.6	-
8:28	11.0	12.1	8:28	11.8	13.4	-
8:29	11.0	11.9	8:29	11.8	13.2	-
8:30	11.3	11.8	8:30	11.8	13.1	-
8:31	12.8	11.8	8:31	11.0	12.9	-
8:32	12.5	11.7	8:32	11.5	12.6	-
8:33	12.5	11.7	8:33	12.8	12.5	-
8:34	12.0	11.7	8:34	13.0	12.4	-
8:35	12.8	11.7	8:35	13.8	12.4	-
8:36	12.0	11.7	8:36	14.0	12.5	-
8:37	12.0	11.7	8:37	14.3	12.6	-
8:38	12.3	11.7	8:38	14.5	12.8	-
8:39	12.3	11.8	8:39	14.0	12.9	-
8:40	14.8	12.1	8:40	14.8	13.0	-
8:41	12.0	12.1	8:41	14.0	13.1	-
8:42	11.5	12.2	8:42	14.0	13.1	-
8:43	11.0	12.2	8:43	14.0	13.3	-
8:44	11.5	12.2	8:44	15.0	13.5	-
8:45	10.8	12.2	8:45	15.3	13.7	-
8:46	9.5	12.0	8:46	14.3	13.9	-
8:47	9.8	11.8	8:47	14.0	14.1	-
8:48	9.5	11.6	8:48	14.0	14.2	-
8:49	8.8	11.4	8:49	13.0	14.2	-
8:50	8.0	11.0	8:50	13.0	14.1	-
8:51	8.0	10.8	8:51	12.5	14.0	-
8:52	7.3	10.5	8:52	11.8	13.9	-
8:53	7.0	10.1	8:53	10.8	13.6	-
8:54	6.5	9.7	8:54	9.3	13.3	-
8:55	6.3	9.2	8:55	10.0	13.0	-
8:56	6.3	8.8	8:56	9.3	12.7	-
8:57	6.8	8.5	8:57	9.3	12.4	-
8:58	6.3	8.1	8:58	9.0	12.0	-
8:59	5.5	7.7	8:59	8.5	11.6	-
9:00	5.0	7.4	9:00	8.0	11.1	-
9:01	5.5	7.1	9:01	8.0	10.7	-
9:02	6.3	6.9	9:02	8.0	10.3	-
9:03	7.0	6.7	9:03	7.8	9.9	-
9:04	9.5	6.7	9:04	7.5	9.5	-
9:05	7.5	6.7	9:05	8.0	9.2	-
9:06	6.5	6.6	9:06	9.5	9.0	-
9:07	10.3	6.8	9:07	9.0	8.8	-
9:08	7.0	6.8	9:08	9.3	8.7	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:09	5.5	6.7	9:09	10.8	8.8	-
9:10	7.5	6.8	9:10	9.8	8.8	-
9:11	7.0	6.9	9:11	8.5	8.7	-
9:12	6.3	6.8	9:12	8.8	8.7	-
9:13	7.5	6.9	9:13	9.0	8.7	-
9:14	8.3	7.1	9:14	8.3	8.7	-
9:15	5.8	7.2	9:15	8.0	8.7	-
9:16	9.0	7.4	9:16	8.3	8.7	-
9:17	11.8	7.8	9:17	9.0	8.8	-
9:18	8.5	7.9	9:18	9.0	8.8	-
9:19	6.0	7.6	9:19	9.8	9.0	-
9:20	8.0	7.7	9:20	12.8	9.3	-
9:21	13.8	8.1	9:21	10.5	9.4	-
9:22	15.0	8.5	9:22	9.8	9.4	-
9:23	10.0	8.7	9:23	13.5	9.7	-
9:24	14.5	9.3	9:24	13.5	9.9	-
9:25	16.8	9.9	9:25	10.8	10.0	-
9:26	13.5	10.3	9:26	10.5	10.1	-
9:27	10.8	10.6	9:27	13.5	10.4	-
9:28	8.8	10.7	9:28	14.5	10.8	-
9:29	8.0	10.7	9:29	7.5	10.7	-
9:30	9.8	10.9	9:30	7.5	10.7	-
9:31	10.5	11.0	9:31	8.0	10.7	-
9:32	12.3	11.1	9:32	8.0	10.6	-
9:33	8.0	11.0	9:33	9.0	10.6	-
9:34	7.0	11.1	9:34	12.5	10.8	-
9:35	6.0	11.0	9:35	9.5	10.6	-
9:36	5.0	10.4	9:36	7.3	10.4	-
9:37	4.3	9.7	9:37	7.0	10.2	-
9:38	4.8	9.3	9:38	7.0	9.7	-
9:39	5.3	8.7	9:39	6.3	9.3	-
9:40	6.0	8.0	9:40	6.0	8.9	-
9:41	7.3	7.6	9:41	6.3	8.7	-
9:42	7.3	7.3	9:42	7.0	8.2	-
9:43	11.0	7.5	9:43	7.8	7.8	-
9:44	13.5	7.9	9:44	12.3	8.1	-
9:45	9.5	7.8	9:45	14.3	8.5	-
9:46	4.8	7.5	9:46	13.0	8.9	-
9:47	13.8	7.6	9:47	11.3	9.1	-
9:48	12.8	7.9	9:48	9.8	9.1	-
9:49	3.5	7.6	9:49	7.8	8.8	-
9:50	4.0	7.5	9:50	7.0	8.7	-
9:51	3.0	7.4	9:51	7.0	8.6	-
9:52	3.0	7.3	9:52	7.0	8.6	-
9:53	4.8	7.3	9:53	7.0	8.6	-
9:54	12.5	7.8	9:54	7.0	8.7	-
9:55	7.8	7.9	9:55	7.0	8.8	-
9:56	2.8	7.6	9:56	6.5	8.8	-
9:57	2.8	7.3	9:57	7.0	8.8	-
9:58	2.5	6.7	9:58	6.8	8.7	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:59	4.5	6.1	9:59	6.0	8.3	-
10:00	3.5	5.7	10:00	6.0	7.7	-
10:01	3.3	5.6	10:01	6.8	7.3	-
10:02	2.0	4.8	10:02	6.5	7.0	-
10:03	3.0	4.2	10:03	6.0	6.8	-
10:04	3.0	4.2	10:04	6.0	6.6	-
10:05	2.0	4.0	10:05	6.0	6.6	-
10:06	3.3	4.0	10:06	6.8	6.6	-
10:07	3.5	4.1	10:07	6.5	6.5	-
10:08	2.3	3.9	10:08	6.0	6.5	-
10:09	7.5	3.6	10:09	6.0	6.4	-
10:10	3.5	3.3	10:10	6.0	6.3	-
10:11	1.0	3.2	10:11	6.0	6.3	-
10:12	2.0	3.1	10:12	6.0	6.2	-
10:13	2.0	3.1	10:13	6.0	6.2	-
10:14	2.0	2.9	10:14	6.0	6.2	-
10:15	7.8	3.2	10:15	7.0	6.2	-
10:16	4.0	3.3	10:16	6.0	6.2	-
10:17	5.3	3.5	10:17	6.0	6.2	-
10:18	2.8	3.5	10:18	6.0	6.2	-
10:19	2.0	3.4	10:19	6.0	6.2	-
10:20	2.0	3.4	10:20	6.0	6.2	-
10:21	2.3	3.3	10:21	6.0	6.1	-
10:22	2.8	3.3	10:22	6.0	6.1	-
10:23	2.5	3.3	10:23	6.0	6.1	-
10:24	2.8	3.0	10:24	6.3	6.1	-
10:25	2.0	2.9	10:25	6.8	6.1	-
10:26	2.0	2.9	10:26	6.0	6.1	-
10:27	2.0	2.9	10:27	6.5	6.2	-
10:28	2.0	2.9	10:28	6.5	6.2	-
10:29	2.0	2.9	10:29	6.0	6.2	-
10:30	1.8	2.5	10:30	6.0	6.1	-
10:31	1.3	2.4	10:31	6.0	6.1	-
10:32	1.3	2.1	10:32	6.0	6.1	-
10:33	1.0	2.0	10:33	6.0	6.1	-
10:34	1.0	1.9	10:34	6.0	6.1	-
10:35	1.0	1.8	10:35	6.0	6.1	-
10:36	1.5	1.8	10:36	6.0	6.1	-
10:37	1.5	1.7	10:37	6.0	6.1	-
10:38	1.0	1.6	10:38	6.0	6.1	-
10:39	1.3	1.5	10:39	6.0	6.1	-
10:40	1.0	1.4	10:40	6.0	6.1	-
10:41	2.0	1.4	10:41	6.0	6.1	-
10:42	1.8	1.4	10:42	6.0	6.0	-
10:43	2.0	1.4	10:43	6.0	6.0	-
10:44	1.3	1.4	10:44	6.0	6.0	-
10:45	1.3	1.3	10:45	7.0	6.1	-
10:46	1.0	1.3	10:46	7.0	6.1	-
10:47	1.0	1.3	10:47	6.5	6.2	-
10:48	1.0	1.3	10:48	6.0	6.2	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
10:49	5.8	1.6	10:49	6.0	6.2	-
10:50	3.3	1.8	10:50	6.0	6.2	-
10:51	1.5	1.8	10:51	6.0	6.2	-
10:52	1.0	1.7	10:52	6.0	6.2	-
10:53	4.3	2.0	10:53	6.0	6.2	-
10:54	1.8	2.0	10:54	6.8	6.2	-
10:55	1.0	2.0	10:55	6.0	6.2	-
10:56	1.0	1.9	10:56	6.0	6.2	-
10:57	1.0	1.9	10:57	6.0	6.2	-
10:58	1.5	1.8	10:58	6.0	6.2	-
10:59	1.0	1.8	10:59	6.0	6.2	-
11:00	1.5	1.8	11:00	6.0	6.2	-
11:01	1.5	1.9	11:01	6.5	6.1	-
11:02	1.0	1.9	11:02	9.0	6.3	-
11:03	1.0	1.9	11:03	6.3	6.3	-
11:04	1.0	1.6	11:04	6.3	6.3	-
11:05	1.0	1.4	11:05	7.0	6.4	-
11:06	1.0	1.4	11:06	6.5	6.4	-
11:07	1.0	1.4	11:07	6.3	6.4	-
11:08	1.0	1.2	11:08	6.0	6.4	-
11:09	1.0	1.1	11:09	6.0	6.4	-
11:10	1.0	1.1	11:10	6.0	6.4	-
11:11	1.0	1.1	11:11	6.0	6.4	-
11:12	1.0	1.1	11:12	6.3	6.4	-
11:13	1.0	1.1	11:13	6.0	6.4	-
11:14	1.0	1.1	11:14	6.0	6.4	-
11:15	1.5	1.1	11:15	6.0	6.4	-
11:16	1.8	1.1	11:16	6.0	6.4	-
11:17	1.5	1.1	11:17	6.0	6.2	-
11:18	2.0	1.2	11:18	6.0	6.2	-
11:19	2.0	1.3	11:19	6.0	6.1	-
11:20	2.0	1.3	11:20	6.0	6.1	-
11:21	1.0	1.3	11:21	6.0	6.0	-
11:22	0.8	1.3	11:22	6.0	6.0	-
11:23	0.8	1.3	11:23	6.0	6.0	-
11:24	0.3	1.2	11:24	6.0	6.0	-
11:25	1.0	1.2	11:25	6.0	6.0	-
11:26	1.0	1.2	11:26	6.0	6.0	-
11:27	1.0	1.2	11:27	6.0	6.0	-
11:28	1.0	1.2	11:28	6.0	6.0	-
11:29	0.3	1.2	11:29	6.0	6.0	-
11:30	0.0	1.1	11:30	6.0	6.0	-
11:31	0.0	1.0	11:31	6.0	6.0	-
11:32	0.0	0.9	11:32	5.3	6.0	-
11:33	0.0	0.7	11:33	6.0	6.0	-
11:34	0.0	0.6	11:34	6.0	6.0	-
11:35	0.8	0.5	11:35	6.0	6.0	-
11:36	0.0	0.5	11:36	6.0	6.0	-
11:37	0.5	0.4	11:37	6.0	6.0	-
11:38	2.5	0.6	11:38	5.8	5.9	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:39	0.5	0.6	11:39	5.8	5.9	-
11:40	0.5	0.5	11:40	6.0	5.9	-
11:41	0.0	0.5	11:41	5.5	5.9	-
11:42	0.5	0.4	11:42	6.0	5.9	-
11:43	0.8	0.4	11:43	6.0	5.9	-
11:44	0.3	0.4	11:44	6.0	5.9	-
11:45	0.0	0.4	11:45	6.0	5.9	-
11:46	0.3	0.4	11:46	6.0	5.9	-
11:47	0.5	0.5	11:47	5.8	5.9	-
11:48	0.0	0.5	11:48	5.5	5.9	-
11:49	0.3	0.5	11:49	5.8	5.9	-
11:50	0.0	0.4	11:50	5.5	5.8	-
11:51	0.0	0.4	11:51	6.0	5.8	-
11:52	0.0	0.4	11:52	5.0	5.8	-
11:53	0.5	0.3	11:53	5.0	5.7	-
11:54	0.0	0.2	11:54	5.3	5.7	-
11:55	0.0	0.2	11:55	5.5	5.7	-
11:56	0.0	0.2	11:56	5.3	5.6	-
11:57	0.8	0.2	11:57	6.0	5.6	-
11:58	0.8	0.2	11:58	6.0	5.6	-
11:59	1.0	0.3	11:59	6.0	5.6	-
12:00	0.5	0.3	12:00	6.0	5.6	-
12:01	0.3	0.3	12:01	6.0	5.6	-
12:02	0.8	0.3	12:02	6.0	5.7	-
12:03	0.0	0.3	12:03	6.0	5.7	-
12:04	0.5	0.3	12:04	5.5	5.7	-
12:05	0.5	0.4	12:05	5.8	5.7	-
12:06	0.0	0.4	12:06	6.0	5.7	-
12:07	0.0	0.4	12:07	6.5	5.8	-
12:08	0.0	0.3	12:08	5.8	5.8	-
12:09	1.0	0.4	12:09	6.0	5.9	-
12:10	0.3	0.4	12:10	6.0	5.9	-
12:11	0.3	0.4	12:11	6.0	6.0	-
12:12	0.0	0.4	12:12	6.0	6.0	-
12:13	0.0	0.3	12:13	5.8	6.0	-
12:14	0.0	0.3	12:14	6.0	6.0	-
12:15	0.0	0.2	12:15	5.8	5.9	-
12:16	2.0	0.4	12:16	6.0	5.9	-
12:17	3.8	0.6	12:17	6.0	5.9	-
12:18	0.8	0.6	12:18	5.8	5.9	-
12:19	0.3	0.6	12:19	6.0	6.0	-
12:20	0.0	0.6	12:20	6.0	6.0	-
12:21	0.0	0.6	12:21	6.0	6.0	-
12:22	0.0	0.6	12:22	6.0	5.9	-
12:23	0.0	0.6	12:23	5.8	5.9	-
12:24	0.0	0.5	12:24	5.0	5.9	-
12:25	0.0	0.5	12:25	6.0	5.9	-
12:26	1.8	0.6	12:26	6.0	5.9	-
12:27	2.3	0.7	12:27	6.0	5.9	-
12:28	0.0	0.7	12:28	5.3	5.8	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:29	0.0	0.7	12:29	5.5	5.8	-
12:30	0.0	0.7	12:30	6.0	5.8	-
12:31	0.0	0.6	12:31	6.0	5.8	-
12:32	0.0	0.3	12:32	5.8	5.8	-
12:33	0.0	0.3	12:33	6.0	5.8	-
12:34	0.0	0.3	12:34	6.0	5.8	-
12:35	0.0	0.3	12:35	6.5	5.9	-
12:36	0.0	0.3	12:36	6.5	5.9	-
12:37	0.0	0.3	12:37	6.0	5.9	-
12:38	0.0	0.3	12:38	6.0	5.9	-
12:39	0.0	0.3	12:39	6.0	6.0	-
12:40	0.0	0.3	12:40	5.8	6.0	-
12:41	0.0	0.2	12:41	5.3	5.9	-
12:42	0.0	0.0	12:42	5.8	5.9	-
12:43	0.0	0.0	12:43	5.0	5.9	-
12:44	0.0	0.0	12:44	6.0	5.9	-
12:45	0.0	0.0	12:45	6.0	5.9	-
12:46	0.0	0.0	12:46	6.0	5.9	-
12:47	0.0	0.0	12:47	6.0	5.9	-
12:48	0.8	0.1	12:48	6.0	5.9	-
12:49	1.5	0.2	12:49	6.8	6.0	-
12:50	0.3	0.2	12:50	6.3	6.0	-
12:51	0.0	0.2	12:51	6.3	5.9	-
12:52	0.0	0.2	12:52	6.0	5.9	-
12:53	0.0	0.2	12:53	6.0	5.9	-
12:54	0.0	0.2	12:54	6.0	5.9	-
12:55	0.0	0.2	12:55	5.5	5.9	-
12:56	1.0	0.2	12:56	6.0	6.0	-
12:57	0.3	0.3	12:57	5.5	6.0	-
12:58	0.8	0.3	12:58	5.0	6.0	-
12:59	0.0	0.3	12:59	6.0	6.0	-
13:00	0.0	0.3	13:00	5.5	5.9	-
13:01	0.0	0.3	13:01	6.0	5.9	-
13:02	0.0	0.3	13:02	6.0	5.9	-
13:03	1.0	0.3	13:03	6.3	5.9	-
13:04	0.8	0.3	13:04	6.8	5.9	-
13:05	0.3	0.3	13:05	5.3	5.9	-
13:06	0.8	0.3	13:06	6.0	5.9	-
13:07	0.0	0.3	13:07	6.0	5.9	-
13:08	0.0	0.3	13:08	6.0	5.9	-
13:09	0.0	0.3	13:09	6.0	5.9	-
13:10	0.0	0.3	13:10	6.0	5.9	-
13:11	0.8	0.3	13:11	6.0	5.9	-
13:12	0.3	0.3	13:12	6.5	6.0	-
13:13	0.0	0.3	13:13	6.0	6.0	-
13:14	0.0	0.3	13:14	6.0	6.0	-
13:15	0.0	0.3	13:15	6.0	6.1	-
13:16	0.0	0.3	13:16	5.5	6.0	-
13:17	0.0	0.3	13:17	6.0	6.0	-
13:18	0.0	0.2	13:18	6.0	6.0	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
13:19	0.0	0.1	13:19	6.0	6.0	-
13:20	0.0	0.1	13:20	5.3	6.0	-
13:21	0.0	0.1	13:21	6.0	6.0	-
13:22	0.0	0.1	13:22	5.8	5.9	-
13:23	0.0	0.1	13:23	5.5	5.9	-
13:24	0.0	0.1	13:24	5.3	5.9	-
13:25	0.0	0.1	13:25	5.5	5.8	-
13:26	0.0	0.0	13:26	5.8	5.8	-
13:27	0.0	0.0	13:27	6.0	5.8	-
13:28	0.8	0.1	13:28	6.0	5.8	-
13:29	0.3	0.1	13:29	6.0	5.8	-
13:30	0.0	0.1	13:30	6.0	5.8	-
13:31	0.0	0.1	13:31	5.8	5.8	-
13:32	0.0	0.1	13:32	5.3	5.7	-
13:33	0.0	0.1	13:33	5.3	5.7	-
13:34	0.0	0.1	13:34	6.0	5.7	-
13:35	0.0	0.1	13:35	5.0	5.7	-
13:36	0.0	0.1	13:36	6.0	5.7	-
13:37	0.0	0.1	13:37	7.0	5.8	-
13:38	0.0	0.1	13:38	6.0	5.8	-
13:39	0.0	0.1	13:39	6.0	5.8	-
13:40	1.0	0.1	13:40	6.0	5.9	-
13:41	0.0	0.1	13:41	6.0	5.9	-
13:42	0.0	0.1	13:42	6.0	5.9	-
13:43	0.0	0.1	13:43	7.3	6.0	-
13:44	0.0	0.1	13:44	7.0	6.0	-
13:45	0.0	0.1	13:45	5.5	6.0	-
13:46	7.0	0.5	13:46	5.0	6.0	-
13:47	0.0	0.5	13:47	5.8	6.0	-
13:48	0.0	0.5	13:48	6.0	6.0	-
13:49	0.0	0.5	13:49	6.0	6.0	-
13:50	0.0	0.5	13:50	5.5	6.1	-
13:51	5.8	0.9	13:51	5.8	6.1	-
13:52	5.5	1.3	13:52	5.5	6.0	-
13:53	6.0	1.7	13:53	6.0	6.0	-
13:54	-	-	13:54	-	-	-
13:55	-	-	13:55	-	-	-
13:56	-	-	13:56	-	-	-
13:57	-	-	13:57	-	-	-
13:58	-	-	13:58	-	-	-
13:59	-	-	13:59	-	-	-
14:00	-	-	14:00	-	-	-
14:01	-	-	14:01	-	-	-
14:02	-	-	14:02	-	-	-
14:03	-	-	14:03	-	-	-
14:04	-	-	14:04	-	-	-
14:05	-	-	14:05	-	-	-
14:06	-	-	14:06	-	-	-
14:07	-	-	14:07	-	-	-
14:08	-	-	14:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:09	-	-	14:09	-	-	-
14:10	-	-	14:10	-	-	-
14:11	-	-	14:11	-	-	-
14:12	-	-	14:12	-	-	-
14:13	-	-	14:13	-	-	-
14:14	-	-	14:14	-	-	-
14:15	-	-	14:15	-	-	-
14:16	-	-	14:16	-	-	-
14:17	-	-	14:17	-	-	-
14:18	-	-	14:18	-	-	-
14:19	-	-	14:19	-	-	-
14:20	-	-	14:20	-	-	-
14:21	-	-	14:21	-	-	-
14:22	-	-	14:22	-	-	-
14:23	-	-	14:23	-	-	-
14:24	-	-	14:24	-	-	-
14:25	-	-	14:25	-	-	-
14:26	-	-	14:26	-	-	-
14:27	-	-	14:27	-	-	-
14:28	-	-	14:28	-	-	-
14:29	-	-	14:29	-	-	-
14:30	-	-	14:30	-	-	-
14:31	-	-	14:31	-	-	-
14:32	-	-	14:32	-	-	-
14:33	-	-	14:33	-	-	-
14:34	-	-	14:34	-	-	-
14:35	-	-	14:35	-	-	-
14:36	-	-	14:36	-	-	-
14:37	-	-	14:37	-	-	-
14:38	-	-	14:38	-	-	-
14:39	-	-	14:39	-	-	-
14:40	-	-	14:40	-	-	-
14:41	-	-	14:41	-	-	-
14:42	-	-	14:42	-	-	-
14:43	-	-	14:43	-	-	-
14:44	-	-	14:44	-	-	-
14:45	-	-	14:45	-	-	-
14:46	-	-	14:46	-	-	-
14:47	-	-	14:47	-	-	-
14:48	-	-	14:48	-	-	-
14:49	-	-	14:49	-	-	-
14:50	-	-	14:50	-	-	-
14:51	-	-	14:51	-	-	-
14:52	-	-	14:52	-	-	-
14:53	-	-	14:53	-	-	-
14:54	-	-	14:54	-	-	-
14:55	-	-	14:55	-	-	-
14:56	-	-	14:56	-	-	-
14:57	-	-	14:57	-	-	-
14:58	-	-	14:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:59	-	-	14:59	-	-	-
15:00	-	-	15:00	-	-	-
15:01	-	-	15:01	-	-	-
15:02	-	-	15:02	-	-	-
15:03	-	-	15:03	-	-	-
15:04	-	-	15:04	-	-	-
15:05	-	-	15:05	-	-	-
15:06	-	-	15:06	-	-	-
15:07	-	-	15:07	-	-	-
15:08	-	-	15:08	-	-	-
15:09	-	-	15:09	-	-	-
15:10	-	-	15:10	-	-	-
15:11	-	-	15:11	-	-	-
15:12	-	-	15:12	-	-	-
15:13	-	-	15:13	-	-	-
15:14	-	-	15:14	-	-	-
15:15	-	-	15:15	-	-	-
15:16	-	-	15:16	-	-	-
15:17	-	-	15:17	-	-	-
15:18	-	-	15:18	-	-	-
15:19	-	-	15:19	-	-	-
15:20	-	-	15:20	-	-	-
15:21	-	-	15:21	-	-	-
15:22	-	-	15:22	-	-	-
15:23	-	-	15:23	-	-	-
15:24	-	-	15:24	-	-	-
15:25	-	-	15:25	-	-	-
15:26	-	-	15:26	-	-	-
15:27	-	-	15:27	-	-	-
15:28	-	-	15:28	-	-	-
15:29	-	-	15:29	-	-	-
15:30	-	-	15:30	-	-	-
15:31	-	-	15:31	-	-	-
15:32	-	-	15:32	-	-	-
15:33	-	-	15:33	-	-	-
15:34	-	-	15:34	-	-	-
15:35	-	-	15:35	-	-	-
15:36	-	-	15:36	-	-	-
15:37	-	-	15:37	-	-	-
15:38	-	-	15:38	-	-	-
15:39	-	-	15:39	-	-	-
15:40	-	-	15:40	-	-	-
15:41	-	-	15:41	-	-	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

Friday, October 3, 2025						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						377
Start Time:						7:18
End Time:						13:53
PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	0.0	-	7:18	-	-	-
7:19	0.0	-	7:19	-	-	-
7:20	0.0	-	7:20	-	-	-
7:21	0.0	-	7:21	-	-	-
7:22	0.0	-	7:22	0.0	-	-
7:23	0.0	-	7:23	0.0	-	-
7:24	0.0	-	7:24	0.0	-	-
7:25	0.0	-	7:25	0.0	-	-
7:26	0.0	-	7:26	0.0	-	-
7:27	0.0	-	7:27	0.0	-	-
7:28	0.0	-	7:28	0.0	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
7:29	0.0	-	7:29	0.0	-	-
7:30	0.0	-	7:30	0.0	-	-
7:31	0.0	-	7:31	0.0	-	-
7:32	0.0	-	7:32	0.0	-	-
7:33	0.0	0.0	7:33	0.0	-	-
7:34	0.0	0.0	7:34	0.0	-	-
7:35	0.0	0.0	7:35	0.0	-	-
7:36	0.0	0.0	7:36	0.0	-	-
7:37	0.0	0.0	7:37	0.0	0.0	-
7:38	0.0	0.0	7:38	0.0	0.0	-
7:39	0.0	0.0	7:39	0.0	0.0	-
7:40	0.0	0.0	7:40	0.0	0.0	-
7:41	0.0	0.0	7:41	0.0	0.0	-
7:42	0.0	0.0	7:42	0.0	0.0	-
7:43	0.0	0.0	7:43	0.0	0.0	-
7:44	0.0	0.0	7:44	0.0	0.0	-
7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.1	0.0	-
8:03	0.0	0.0	8:03	0.1	0.0	-
8:04	0.0	0.0	8:04	0.1	0.0	-
8:05	0.0	0.0	8:05	0.1	0.0	-
8:06	0.0	0.0	8:06	0.1	0.0	-
8:07	0.0	0.0	8:07	0.1	0.0	-
8:08	0.0	0.0	8:08	0.1	0.0	-
8:09	0.0	0.0	8:09	0.1	0.1	-
8:10	0.0	0.0	8:10	0.1	0.1	-
8:11	0.0	0.0	8:11	0.2	0.1	-
8:12	0.0	0.0	8:12	0.2	0.1	-
8:13	0.0	0.0	8:13	0.2	0.1	-
8:14	0.0	0.0	8:14	0.2	0.1	-
8:15	0.0	0.0	8:15	0.2	0.1	-
8:16	0.0	0.0	8:16	0.3	0.1	-
8:17	0.0	0.0	8:17	0.3	0.2	-
8:18	0.0	0.0	8:18	0.3	0.2	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
8:19	0.0	0.0	8:19	0.3	0.2	-
8:20	0.0	0.0	8:20	0.4	0.2	-
8:21	0.0	0.0	8:21	0.4	0.2	-
8:22	0.0	0.0	8:22	0.4	0.3	-
8:23	0.0	0.0	8:23	0.3	0.3	-
8:24	0.0	0.0	8:24	0.4	0.3	-
8:25	0.0	0.0	8:25	0.5	0.3	-
8:26	0.0	0.0	8:26	0.5	0.3	-
8:27	0.0	0.0	8:27	0.5	0.4	-
8:28	0.0	0.0	8:28	0.5	0.4	-
8:29	0.0	0.0	8:29	0.5	0.4	-
8:30	0.0	0.0	8:30	0.6	0.4	-
8:31	0.0	0.0	8:31	0.6	0.4	-
8:32	0.0	0.0	8:32	0.7	0.5	-
8:33	0.0	0.0	8:33	0.6	0.5	-
8:34	0.0	0.0	8:34	0.7	0.5	-
8:35	0.0	0.0	8:35	0.7	0.5	-
8:36	0.0	0.0	8:36	0.8	0.6	-
8:37	0.0	0.0	8:37	0.8	0.6	-
8:38	0.0	0.0	8:38	0.9	0.6	-
8:39	0.0	0.0	8:39	0.8	0.6	-
8:40	0.0	0.0	8:40	0.8	0.7	-
8:41	0.0	0.0	8:41	0.9	0.7	-
8:42	0.0	0.0	8:42	0.9	0.7	-
8:43	0.0	0.0	8:43	0.9	0.7	-
8:44	0.0	0.0	8:44	0.9	0.8	-
8:45	0.0	0.0	8:45	0.9	0.8	-
8:46	0.0	0.0	8:46	1.0	0.8	-
8:47	0.0	0.0	8:47	1.0	0.8	-
8:48	0.0	0.0	8:48	1.0	0.9	-
8:49	0.0	0.0	8:49	1.0	0.9	-
8:50	0.0	0.0	8:50	1.1	0.9	-
8:51	0.0	0.0	8:51	1.1	0.9	-
8:52	0.0	0.0	8:52	1.1	1.0	-
8:53	0.0	0.0	8:53	1.1	1.0	-
8:54	0.0	0.0	8:54	1.1	1.0	-
8:55	0.0	0.0	8:55	1.1	1.0	-
8:56	0.0	0.0	8:56	1.1	1.0	-
8:57	0.0	0.0	8:57	1.1	1.0	-
8:58	0.0	0.0	8:58	1.1	1.0	-
8:59	0.0	0.0	8:59	1.1	1.1	-
9:00	0.0	0.0	9:00	1.1	1.1	-
9:01	0.0	0.0	9:01	1.2	1.1	-
9:02	0.0	0.0	9:02	1.1	1.1	-
9:03	0.0	0.0	9:03	1.2	1.1	-
9:04	0.0	0.0	9:04	1.2	1.1	-
9:05	0.0	0.0	9:05	1.2	1.1	-
9:06	0.0	0.0	9:06	1.2	1.1	-
9:07	0.0	0.0	9:07	1.2	1.1	-
9:08	0.0	0.0	9:08	1.3	1.2	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:09	0.0	0.0	9:09	1.3	1.2	-
9:10	0.0	0.0	9:10	1.3	1.2	-
9:11	0.0	0.0	9:11	1.3	1.2	-
9:12	0.0	0.0	9:12	1.3	1.2	-
9:13	0.0	0.0	9:13	1.3	1.2	-
9:14	0.0	0.0	9:14	1.3	1.2	-
9:15	0.0	0.0	9:15	1.3	1.3	-
9:16	0.0	0.0	9:16	1.3	1.3	-
9:17	0.0	0.0	9:17	1.3	1.3	-
9:18	0.0	0.0	9:18	1.3	1.3	-
9:19	0.0	0.0	9:19	1.3	1.3	-
9:20	0.0	0.0	9:20	1.4	1.3	-
9:21	0.0	0.0	9:21	1.4	1.3	-
9:22	0.0	0.0	9:22	1.4	1.3	-
9:23	0.0	0.0	9:23	1.4	1.3	-
9:24	0.0	0.0	9:24	1.4	1.3	-
9:25	0.0	0.0	9:25	1.4	1.3	-
9:26	0.0	0.0	9:26	1.3	1.3	-
9:27	0.0	0.0	9:27	1.4	1.3	-
9:28	0.0	0.0	9:28	1.5	1.4	-
9:29	0.0	0.0	9:29	1.4	1.4	-
9:30	0.0	0.0	9:30	1.3	1.4	-
9:31	0.0	0.0	9:31	1.3	1.4	-
9:32	0.0	0.0	9:32	1.3	1.4	-
9:33	0.0	0.0	9:33	1.3	1.4	-
9:34	0.0	0.0	9:34	1.3	1.4	-
9:35	0.0	0.0	9:35	1.3	1.4	-
9:36	0.0	0.0	9:36	1.3	1.4	-
9:37	0.0	0.0	9:37	1.2	1.3	-
9:38	0.0	0.0	9:38	1.2	1.3	-
9:39	0.0	0.0	9:39	1.1	1.3	-
9:40	0.0	0.0	9:40	1.2	1.3	-
9:41	0.0	0.0	9:41	1.2	1.3	-
9:42	0.0	0.0	9:42	1.2	1.3	-
9:43	0.0	0.0	9:43	1.2	1.2	-
9:44	0.0	0.0	9:44	1.3	1.2	-
9:45	0.0	0.0	9:45	1.3	1.2	-
9:46	0.0	0.0	9:46	1.4	1.3	-
9:47	0.0	0.0	9:47	1.4	1.3	-
9:48	0.0	0.0	9:48	1.4	1.3	-
9:49	0.0	0.0	9:49	1.3	1.3	-
9:50	0.0	0.0	9:50	1.3	1.3	-
9:51	0.0	0.0	9:51	1.2	1.3	-
9:52	0.0	0.0	9:52	1.3	1.3	-
9:53	0.0	0.0	9:53	1.3	1.3	-
9:54	0.0	0.0	9:54	1.3	1.3	-
9:55	0.0	0.0	9:55	1.3	1.3	-
9:56	0.0	0.0	9:56	1.2	1.3	-
9:57	0.0	0.0	9:57	1.2	1.3	-
9:58	0.0	0.0	9:58	1.2	1.3	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:59	0.0	0.0	9:59	1.2	1.3	-
10:00	0.0	0.0	10:00	1.1	1.3	-
10:01	0.0	0.0	10:01	1.2	1.3	-
10:02	0.0	0.0	10:02	1.2	1.2	-
10:03	0.0	0.0	10:03	1.2	1.2	-
10:04	0.0	0.0	10:04	1.1	1.2	-
10:05	0.0	0.0	10:05	1.2	1.2	-
10:06	0.0	0.0	10:06	1.2	1.2	-
10:07	0.0	0.0	10:07	1.1	1.2	-
10:08	0.0	0.0	10:08	1.1	1.2	-
10:09	0.0	0.0	10:09	1.1	1.2	-
10:10	0.0	0.0	10:10	1.1	1.2	-
10:11	0.0	0.0	10:11	1.1	1.1	-
10:12	0.0	0.0	10:12	1.1	1.1	-
10:13	0.0	0.0	10:13	1.1	1.1	-
10:14	0.0	0.0	10:14	1.1	1.1	-
10:15	0.0	0.0	10:15	1.1	1.1	-
10:16	0.0	0.0	10:16	1.1	1.1	-
10:17	0.0	0.0	10:17	1.0	1.1	-
10:18	0.0	0.0	10:18	1.0	1.1	-
10:19	0.0	0.0	10:19	1.0	1.1	-
10:20	0.0	0.0	10:20	1.1	1.1	-
10:21	0.0	0.0	10:21	1.1	1.1	-
10:22	0.0	0.0	10:22	1.1	1.1	-
10:23	0.0	0.0	10:23	1.0	1.1	-
10:24	0.0	0.0	10:24	1.0	1.1	-
10:25	0.0	0.0	10:25	1.0	1.1	-
10:26	0.0	0.0	10:26	1.0	1.0	-
10:27	0.0	0.0	10:27	1.0	1.0	-
10:28	0.0	0.0	10:28	1.0	1.0	-
10:29	0.0	0.0	10:29	1.0	1.0	-
10:30	0.0	0.0	10:30	1.0	1.0	-
10:31	0.0	0.0	10:31	0.9	1.0	-
10:32	0.0	0.0	10:32	1.0	1.0	-
10:33	0.0	0.0	10:33	1.0	1.0	-
10:34	0.0	0.0	10:34	1.0	1.0	-
10:35	0.0	0.0	10:35	1.0	1.0	-
10:36	0.0	0.0	10:36	1.0	1.0	-
10:37	0.0	0.0	10:37	0.9	1.0	-
10:38	0.0	0.0	10:38	0.9	1.0	-
10:39	0.0	0.0	10:39	0.9	1.0	-
10:40	0.0	0.0	10:40	0.9	1.0	-
10:41	0.0	0.0	10:41	0.9	1.0	-
10:42	0.0	0.0	10:42	0.9	1.0	-
10:43	0.0	0.0	10:43	0.9	1.0	-
10:44	0.0	0.0	10:44	1.0	1.0	-
10:45	0.0	0.0	10:45	1.0	1.0	-
10:46	0.0	0.0	10:46	1.0	1.0	-
10:47	0.0	0.0	10:47	1.0	1.0	-
10:48	0.0	0.0	10:48	1.0	1.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
10:49	0.0	0.0	10:49	1.0	1.0	-
10:50	0.0	0.0	10:50	0.9	1.0	-
10:51	0.0	0.0	10:51	1.0	0.9	-
10:52	0.0	0.0	10:52	1.0	0.9	-
10:53	0.0	0.0	10:53	1.0	0.9	-
10:54	0.0	0.0	10:54	0.9	0.9	-
10:55	0.0	0.0	10:55	0.9	0.9	-
10:56	0.0	0.0	10:56	1.0	1.0	-
10:57	0.0	0.0	10:57	0.9	0.9	-
10:58	0.0	0.0	10:58	0.9	0.9	-
10:59	0.0	0.0	10:59	0.9	0.9	-
11:00	0.0	0.0	11:00	0.9	0.9	-
11:01	0.0	0.0	11:01	0.9	0.9	-
11:02	0.0	0.0	11:02	1.0	0.9	-
11:03	0.0	0.0	11:03	0.9	0.9	-
11:04	0.0	0.0	11:04	0.9	0.9	-
11:05	0.0	0.0	11:05	0.9	0.9	-
11:06	0.0	0.0	11:06	0.9	0.9	-
11:07	0.0	0.0	11:07	0.9	0.9	-
11:08	0.0	0.0	11:08	0.9	0.9	-
11:09	0.0	0.0	11:09	0.8	0.9	-
11:10	0.0	0.0	11:10	0.8	0.9	-
11:11	0.0	0.0	11:11	0.9	0.9	-
11:12	0.0	0.0	11:12	0.9	0.9	-
11:13	0.0	0.0	11:13	0.9	0.9	-
11:14	0.0	0.0	11:14	0.9	0.9	-
11:15	0.0	0.0	11:15	0.8	0.9	-
11:16	0.0	0.0	11:16	0.9	0.9	-
11:17	0.0	0.0	11:17	0.8	0.9	-
11:18	0.0	0.0	11:18	0.9	0.9	-
11:19	0.0	0.0	11:19	0.9	0.9	-
11:20	0.0	0.0	11:20	0.9	0.9	-
11:21	0.0	0.0	11:21	0.9	0.9	-
11:22	0.0	0.0	11:22	0.9	0.9	-
11:23	0.0	0.0	11:23	0.9	0.9	-
11:24	0.0	0.0	11:24	0.8	0.9	-
11:25	0.0	0.0	11:25	0.9	0.9	-
11:26	0.0	0.0	11:26	0.9	0.9	-
11:27	0.0	0.0	11:27	0.8	0.9	-
11:28	0.0	0.0	11:28	0.8	0.9	-
11:29	0.0	0.0	11:29	0.8	0.9	-
11:30	0.0	0.0	11:30	0.9	0.9	-
11:31	0.0	0.0	11:31	0.8	0.9	-
11:32	0.0	0.0	11:32	0.8	0.9	-
11:33	0.0	0.0	11:33	0.9	0.9	-
11:34	0.0	0.0	11:34	0.9	0.9	-
11:35	0.0	0.0	11:35	0.9	0.9	-
11:36	0.0	0.0	11:36	0.9	0.9	-
11:37	0.0	0.0	11:37	0.8	0.9	-
11:38	0.0	0.0	11:38	0.8	0.8	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
11:39	0.0	0.0	11:39	0.9	0.8	-
11:40	0.0	0.0	11:40	0.8	0.8	-
11:41	0.0	0.0	11:41	0.9	0.8	-
11:42	0.0	0.0	11:42	0.8	0.8	-
11:43	0.0	0.0	11:43	0.9	0.9	-
11:44	0.0	0.0	11:44	0.9	0.9	-
11:45	0.0	0.0	11:45	0.9	0.9	-
11:46	0.0	0.0	11:46	1.0	0.9	-
11:47	0.0	0.0	11:47	0.8	0.9	-
11:48	0.0	0.0	11:48	0.9	0.9	-
11:49	0.0	0.0	11:49	0.9	0.9	-
11:50	0.0	0.0	11:50	0.9	0.9	-
11:51	0.0	0.0	11:51	0.9	0.9	-
11:52	0.0	0.0	11:52	0.9	0.9	-
11:53	0.0	0.0	11:53	0.9	0.9	-
11:54	0.0	0.0	11:54	1.0	0.9	-
11:55	0.0	0.0	11:55	0.9	0.9	-
11:56	0.0	0.0	11:56	1.0	0.9	-
11:57	0.0	0.0	11:57	0.9	0.9	-
11:58	0.0	0.0	11:58	0.9	0.9	-
11:59	0.0	0.0	11:59	0.9	0.9	-
12:00	0.0	0.0	12:00	0.9	0.9	-
12:01	0.0	0.0	12:01	0.9	0.9	-
12:02	0.0	0.0	12:02	0.8	0.9	-
12:03	0.0	0.0	12:03	0.9	0.9	-
12:04	0.0	0.0	12:04	0.8	0.9	-
12:05	0.0	0.0	12:05	0.7	0.9	-
12:06	0.0	0.0	12:06	0.8	0.9	-
12:07	0.0	0.0	12:07	0.8	0.9	-
12:08	0.0	0.0	12:08	0.8	0.9	-
12:09	0.0	0.0	12:09	0.7	0.9	-
12:10	0.0	0.0	12:10	0.6	0.8	-
12:11	0.0	0.0	12:11	0.6	0.8	-
12:12	0.0	0.0	12:12	0.6	0.8	-
12:13	0.0	0.0	12:13	0.6	0.8	-
12:14	0.0	0.0	12:14	0.6	0.7	-
12:15	0.0	0.0	12:15	0.7	0.7	-
12:16	0.0	0.0	12:16	0.6	0.7	-
12:17	0.0	0.0	12:17	0.6	0.7	-
12:18	0.0	0.0	12:18	0.6	0.7	-
12:19	0.0	0.0	12:19	0.6	0.7	-
12:20	0.0	0.0	12:20	0.6	0.6	-
12:21	0.0	0.0	12:21	0.6	0.6	-
12:22	0.0	0.0	12:22	0.6	0.6	-
12:23	0.0	0.0	12:23	0.5	0.6	-
12:24	0.0	0.0	12:24	0.5	0.6	-
12:25	0.0	0.0	12:25	0.4	0.6	-
12:26	0.0	0.0	12:26	0.4	0.6	-
12:27	0.0	0.0	12:27	0.5	0.6	-
12:28	0.0	0.0	12:28	0.4	0.5	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
12:29	0.0	0.0	12:29	0.4	0.5	-
12:30	0.0	0.0	12:30	0.4	0.5	-
12:31	0.0	0.0	12:31	0.4	0.5	-
12:32	0.0	0.0	12:32	0.4	0.5	-
12:33	0.0	0.0	12:33	0.3	0.5	-
12:34	0.0	0.0	12:34	0.3	0.4	-
12:35	0.0	0.0	12:35	0.3	0.4	-
12:36	0.0	0.0	12:36	0.3	0.4	-
12:37	0.0	0.0	12:37	0.2	0.4	-
12:38	0.0	0.0	12:38	0.3	0.4	-
12:39	0.0	0.0	12:39	0.2	0.3	-
12:40	0.0	0.0	12:40	0.2	0.3	-
12:41	0.0	0.0	12:41	0.2	0.3	-
12:42	0.0	0.0	12:42	0.2	0.3	-
12:43	0.0	0.0	12:43	0.2	0.3	-
12:44	0.0	0.0	12:44	0.2	0.3	-
12:45	0.0	0.0	12:45	0.2	0.2	-
12:46	0.0	0.0	12:46	0.2	0.2	-
12:47	0.0	0.0	12:47	0.1	0.2	-
12:48	0.0	0.0	12:48	0.1	0.2	-
12:49	0.0	0.0	12:49	0.1	0.2	-
12:50	0.0	0.0	12:50	0.1	0.2	-
12:51	0.0	0.0	12:51	0.1	0.2	-
12:52	0.0	0.0	12:52	0.1	0.2	-
12:53	0.0	0.0	12:53	0.1	0.1	-
12:54	0.0	0.0	12:54	0.1	0.1	-
12:55	0.0	0.0	12:55	0.1	0.1	-
12:56	0.0	0.0	12:56	0.1	0.1	-
12:57	0.0	0.0	12:57	0.1	0.1	-
12:58	0.0	0.0	12:58	0.1	0.1	-
12:59	0.0	0.0	12:59	0.1	0.1	-
13:00	0.0	0.0	13:00	0.1	0.1	-
13:01	0.0	0.0	13:01	0.1	0.1	-
13:02	0.0	0.0	13:02	0.1	0.1	-
13:03	0.0	0.0	13:03	0.1	0.1	-
13:04	0.0	0.0	13:04	0.1	0.1	-
13:05	0.0	0.0	13:05	0.0	0.1	-
13:06	0.0	0.0	13:06	0.0	0.1	-
13:07	0.0	0.0	13:07	0.0	0.1	-
13:08	0.0	0.0	13:08	0.0	0.1	-
13:09	0.0	0.0	13:09	0.0	0.1	-
13:10	0.0	0.0	13:10	0.0	0.1	-
13:11	0.0	0.0	13:11	0.0	0.1	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	-	-	13:54	-	-	-
13:55	-	-	13:55	-	-	-
13:56	-	-	13:56	-	-	-
13:57	-	-	13:57	-	-	-
13:58	-	-	13:58	-	-	-
13:59	-	-	13:59	-	-	-
14:00	-	-	14:00	-	-	-
14:01	-	-	14:01	-	-	-
14:02	-	-	14:02	-	-	-
14:03	-	-	14:03	-	-	-
14:04	-	-	14:04	-	-	-
14:05	-	-	14:05	-	-	-
14:06	-	-	14:06	-	-	-
14:07	-	-	14:07	-	-	-
14:08	-	-	14:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:09	-	-	14:09	-	-	-
14:10	-	-	14:10	-	-	-
14:11	-	-	14:11	-	-	-
14:12	-	-	14:12	-	-	-
14:13	-	-	14:13	-	-	-
14:14	-	-	14:14	-	-	-
14:15	-	-	14:15	-	-	-
14:16	-	-	14:16	-	-	-
14:17	-	-	14:17	-	-	-
14:18	-	-	14:18	-	-	-
14:19	-	-	14:19	-	-	-
14:20	-	-	14:20	-	-	-
14:21	-	-	14:21	-	-	-
14:22	-	-	14:22	-	-	-
14:23	-	-	14:23	-	-	-
14:24	-	-	14:24	-	-	-
14:25	-	-	14:25	-	-	-
14:26	-	-	14:26	-	-	-
14:27	-	-	14:27	-	-	-
14:28	-	-	14:28	-	-	-
14:29	-	-	14:29	-	-	-
14:30	-	-	14:30	-	-	-
14:31	-	-	14:31	-	-	-
14:32	-	-	14:32	-	-	-
14:33	-	-	14:33	-	-	-
14:34	-	-	14:34	-	-	-
14:35	-	-	14:35	-	-	-
14:36	-	-	14:36	-	-	-
14:37	-	-	14:37	-	-	-
14:38	-	-	14:38	-	-	-
14:39	-	-	14:39	-	-	-
14:40	-	-	14:40	-	-	-
14:41	-	-	14:41	-	-	-
14:42	-	-	14:42	-	-	-
14:43	-	-	14:43	-	-	-
14:44	-	-	14:44	-	-	-
14:45	-	-	14:45	-	-	-
14:46	-	-	14:46	-	-	-
14:47	-	-	14:47	-	-	-
14:48	-	-	14:48	-	-	-
14:49	-	-	14:49	-	-	-
14:50	-	-	14:50	-	-	-
14:51	-	-	14:51	-	-	-
14:52	-	-	14:52	-	-	-
14:53	-	-	14:53	-	-	-
14:54	-	-	14:54	-	-	-
14:55	-	-	14:55	-	-	-
14:56	-	-	14:56	-	-	-
14:57	-	-	14:57	-	-	-
14:58	-	-	14:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:59	-	-	14:59	-	-	-
15:00	-	-	15:00	-	-	-
15:01	-	-	15:01	-	-	-
15:02	-	-	15:02	-	-	-
15:03	-	-	15:03	-	-	-
15:04	-	-	15:04	-	-	-
15:05	-	-	15:05	-	-	-
15:06	-	-	15:06	-	-	-
15:07	-	-	15:07	-	-	-
15:08	-	-	15:08	-	-	-
15:09	-	-	15:09	-	-	-
15:10	-	-	15:10	-	-	-
15:11	-	-	15:11	-	-	-
15:12	-	-	15:12	-	-	-
15:13	-	-	15:13	-	-	-
15:14	-	-	15:14	-	-	-
15:15	-	-	15:15	-	-	-
15:16	-	-	15:16	-	-	-
15:17	-	-	15:17	-	-	-
15:18	-	-	15:18	-	-	-
15:19	-	-	15:19	-	-	-
15:20	-	-	15:20	-	-	-
15:21	-	-	15:21	-	-	-
15:22	-	-	15:22	-	-	-
15:23	-	-	15:23	-	-	-
15:24	-	-	15:24	-	-	-
15:25	-	-	15:25	-	-	-
15:26	-	-	15:26	-	-	-
15:27	-	-	15:27	-	-	-
15:28	-	-	15:28	-	-	-
15:29	-	-	15:29	-	-	-
15:30	-	-	15:30	-	-	-
15:31	-	-	15:31	-	-	-
15:32	-	-	15:32	-	-	-
15:33	-	-	15:33	-	-	-
15:34	-	-	15:34	-	-	-
15:35	-	-	15:35	-	-	-
15:36	-	-	15:36	-	-	-
15:37	-	-	15:37	-	-	-
15:38	-	-	15:38	-	-	-
15:39	-	-	15:39	-	-	-
15:40	-	-	15:40	-	-	-
15:41	-	-	15:41	-	-	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

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22 IBM Road, Suite 101, Poughkeepsie, NY 12601

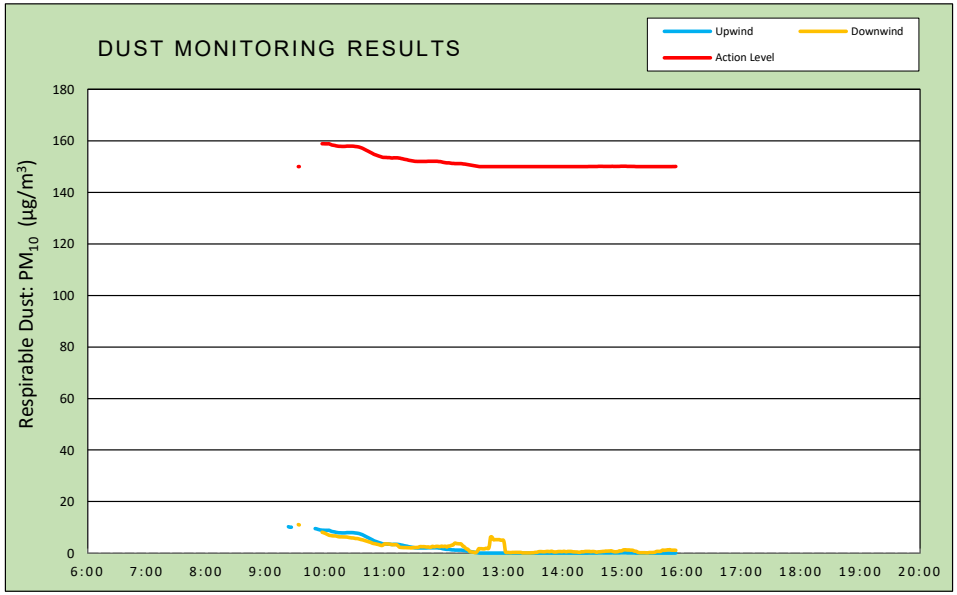
DAILY AIR MONITORING REPORT
140 Montgomery Street
Newburgh, New York

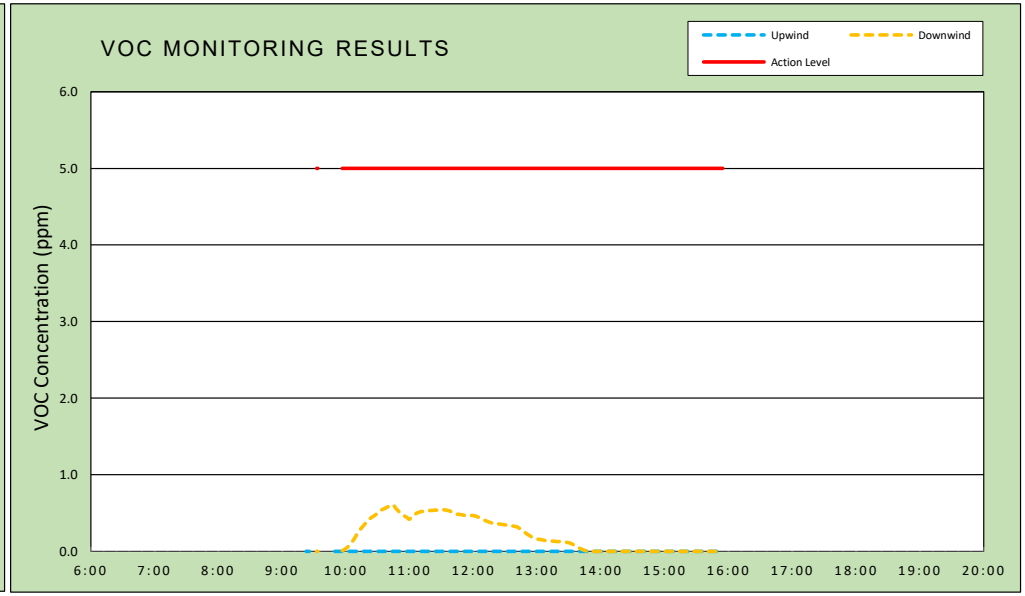
10/27/2025

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Project Number:	
Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	NNE	Relative Humidity (%)	46.0 - 100.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	23.0 - 54.0	Wind Speed (MPH)	0.5 - 8.1	Barometer (inHg)	30.30 - 30.40	Avg. Dew Point Temp (°F)	31.3	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	2.4	10.3	9:23	0.0	0.0	9:23
Downwind	2.7	11.1	9:33	0.2	0.6	9:33



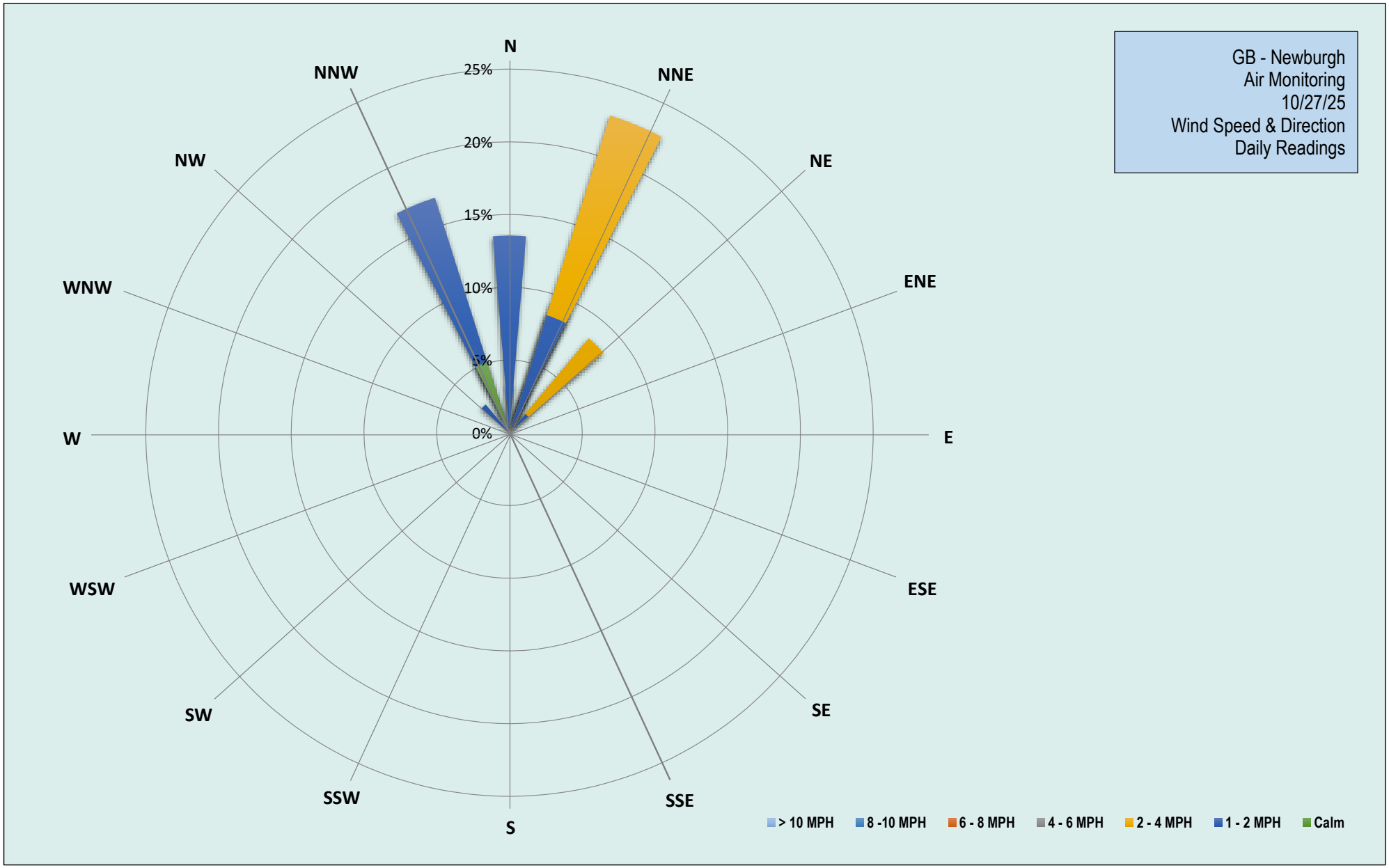


Air Monitoring Notes:

Weather Notes:

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Wind Rose



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22 IBM Road, Suite 101, Poughkeepsie, NY 12601

DAILY AIR MONITORING REPORT
140 Montgomery Street
Newburgh, New York

10/28/2025

Rev. No. 0 | Page 1 of 2

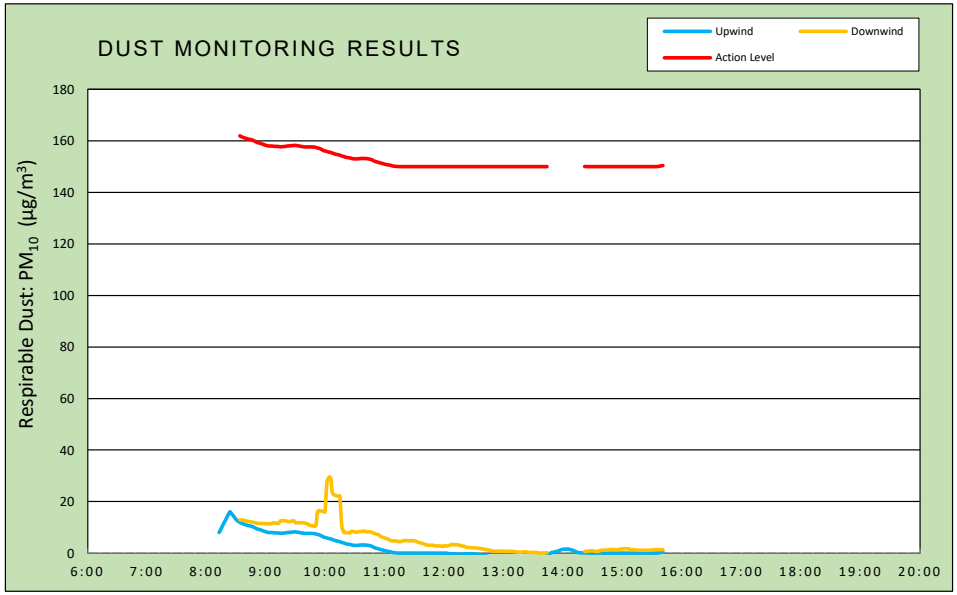
Project Number:

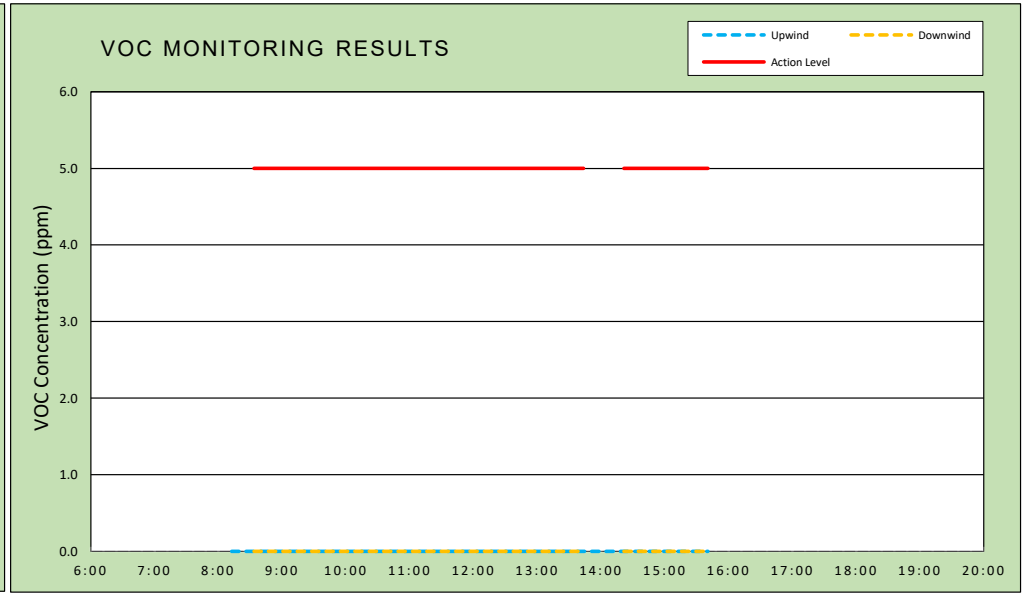
Dust Action Level: 150 µg/m^3

VOC Action Level: 5 ppm

Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	47.0 - 94.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	31.0 - 56.0	Wind Speed (MPH)	1.2 - 9.2	Barometer (inHg)	30.30 - 30.40	Avg. Dew Point Temp (°F)	36.5	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	2.4	16.1	8:24	0.0	0.0	8:13
Downwind	5.8	29.5	10:04	0.0	0.0	8:34



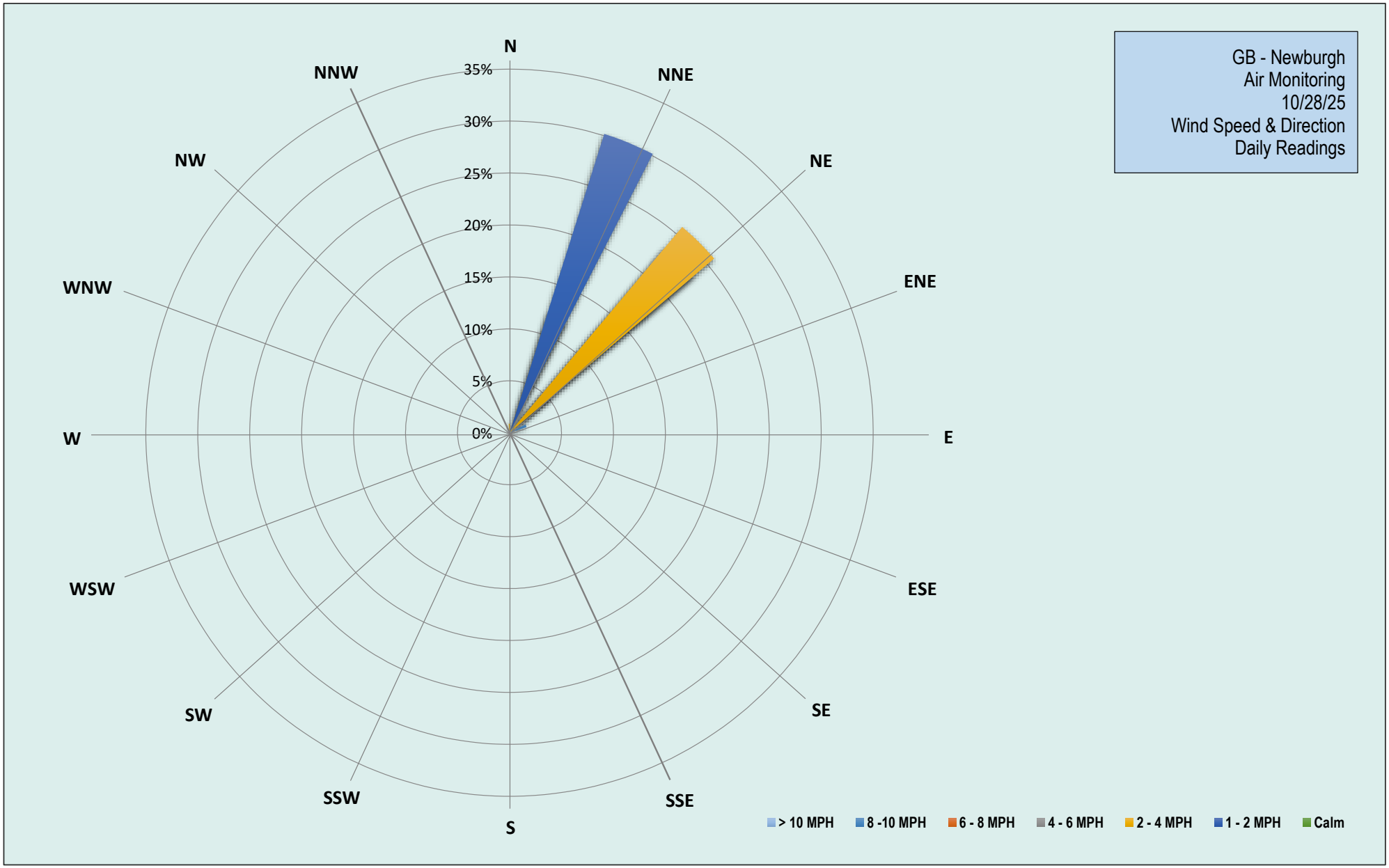


Air Monitoring Notes:

Weather Notes:

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Wind Rose



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Tuesday, October 28, 2025						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						391
Start Time:						7:58
End Time:						15:41
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	-
7:23	-	-	7:23	-	-	-
7:24	-	-	7:24	-	-	-
7:25	-	-	7:25	-	-	-
7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	-
7:28	-	-	7:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
7:29	-	-	7:29	-	-	-
7:30	-	-	7:30	-	-	-
7:31	-	-	7:31	-	-	-
7:32	-	-	7:32	-	-	-
7:33	-	-	7:33	-	-	-
7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	-
7:36	-	-	7:36	-	-	-
7:37	-	-	7:37	-	-	-
7:38	-	-	7:38	-	-	-
7:39	-	-	7:39	-	-	-
7:40	-	-	7:40	-	-	-
7:41	-	-	7:41	-	-	-
7:42	-	-	7:42	-	-	-
7:43	-	-	7:43	-	-	-
7:44	-	-	7:44	-	-	-
7:45	-	-	7:45	-	-	-
7:46	-	-	7:46	-	-	-
7:47	-	-	7:47	-	-	-
7:48	-	-	7:48	-	-	-
7:49	-	-	7:49	-	-	-
7:50	-	-	7:50	-	-	-
7:51	-	-	7:51	-	-	-
7:52	-	-	7:52	-	-	-
7:53	-	-	7:53	-	-	-
7:54	-	-	7:54	-	-	-
7:55	-	-	7:55	-	-	-
7:56	-	-	7:56	-	-	-
7:57	-	-	7:57	-	-	-
7:58	7.0	-	7:58	-	-	-
7:59	9.3	-	7:59	-	-	-
8:00	7.0	-	8:00	-	-	-
8:01	5.5	-	8:01	-	-	-
8:02	4.5	-	8:02	-	-	-
8:03	3.8	-	8:03	-	-	-
8:04	3.0	-	8:04	-	-	-
8:05	3.0	-	8:05	-	-	-
8:06	2.0	-	8:06	-	-	-
8:07	2.0	-	8:07	0.0	-	-
8:08	2.0	-	8:08	16.5	-	-
8:09	2.0	-	8:09	17.3	-	-
8:10	19.0	-	8:10	44.0	-	-
8:11	19.0	-	8:11	-	-	-
8:12	19.0	-	8:12	-	-	-
8:13	19.0	8.0	8:13	-	-	-
8:14	19.0	8.7	8:14	-	-	-
8:15	18.3	9.4	8:15	-	-	-
8:16	17.3	10.2	8:16	-	-	-
8:17	16.0	11.0	8:17	-	-	-
8:18	15.0	11.7	8:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:19	14.0	12.4	8:19	13.0	-	-
8:20	14.0	13.2	8:20	13.0	-	-
8:21	14.0	14.0	8:21	13.0	-	-
8:22	13.0	14.7	8:22	13.0	-	-
8:23	12.5	15.4	8:23	13.0	-	-
8:24	12.0	16.1	8:24	13.0	-	-
8:25	12.0	15.6	8:25	13.8	-	-
8:26	12.0	15.1	8:26	14.3	-	-
8:27	12.0	14.7	8:27	12.5	-	-
8:28	11.5	14.2	8:28	13.0	-	-
8:29	11.0	13.6	8:29	13.0	-	-
8:30	11.0	13.2	8:30	12.0	-	-
8:31	11.0	12.7	8:31	12.0	-	-
8:32	11.0	12.4	8:32	12.0	-	-
8:33	11.0	12.1	8:33	13.8	-	-
8:34	11.0	11.9	8:34	12.3	12.9	-
8:35	11.0	11.7	8:35	12.5	12.9	-
8:36	11.0	11.5	8:36	12.5	12.8	-
8:37	10.5	11.4	8:37	12.0	12.8	-
8:38	10.8	11.3	8:38	12.0	12.7	-
8:39	10.0	11.1	8:39	12.0	12.6	-
8:40	10.0	11.0	8:40	12.0	12.5	-
8:41	10.0	10.9	8:41	12.0	12.4	-
8:42	10.0	10.7	8:42	12.0	12.3	-
8:43	10.0	10.6	8:43	12.0	12.3	-
8:44	10.3	10.6	8:44	11.8	12.2	-
8:45	10.0	10.5	8:45	11.0	12.1	-
8:46	9.0	10.4	8:46	11.0	12.1	-
8:47	9.0	10.2	8:47	12.0	12.1	-
8:48	8.5	10.1	8:48	11.8	11.9	-
8:49	8.0	9.9	8:49	11.0	11.8	-
8:50	8.0	9.7	8:50	11.0	11.7	-
8:51	8.0	9.5	8:51	11.0	11.6	-
8:52	8.3	9.3	8:52	11.0	11.6	-
8:53	9.0	9.2	8:53	11.3	11.5	-
8:54	8.8	9.1	8:54	11.8	11.5	-
8:55	8.0	9.0	8:55	12.3	11.5	-
8:56	8.0	8.9	8:56	11.5	11.5	-
8:57	8.0	8.7	8:57	12.0	11.5	-
8:58	8.0	8.6	8:58	12.0	11.5	-
8:59	8.0	8.4	8:59	11.0	11.4	-
9:00	7.5	8.3	9:00	11.0	11.4	-
9:01	8.0	8.2	9:01	11.0	11.4	-
9:02	7.3	8.1	9:02	11.5	11.4	-
9:03	7.3	8.0	9:03	11.5	11.4	-
9:04	7.8	8.0	9:04	11.0	11.4	-
9:05	8.0	8.0	9:05	11.3	11.4	-
9:06	8.0	8.0	9:06	12.5	11.5	-
9:07	8.0	8.0	9:07	13.8	11.7	-
9:08	8.0	7.9	9:08	12.5	11.8	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:09	8.0	7.9	9:09	11.0	11.7	-
9:10	8.0	7.9	9:10	11.0	11.6	-
9:11	8.0	7.9	9:11	11.0	11.6	-
9:12	7.5	7.8	9:12	11.0	11.5	-
9:13	7.8	7.8	9:13	12.8	11.6	-
9:14	7.0	7.7	9:14	15.8	11.9	-
9:15	7.0	7.7	9:15	20.3	12.5	-
9:16	7.8	7.7	9:16	12.5	12.6	-
9:17	8.0	7.7	9:17	11.3	12.6	-
9:18	8.0	7.8	9:18	11.0	12.6	-
9:19	8.0	7.8	9:19	11.0	12.6	-
9:20	8.8	7.9	9:20	11.0	12.6	-
9:21	9.0	7.9	9:21	11.0	12.5	-
9:22	9.0	8.0	9:22	11.0	12.3	-
9:23	8.3	8.0	9:23	11.3	12.2	-
9:24	8.8	8.1	9:24	12.0	12.3	-
9:25	8.5	8.1	9:25	12.0	12.3	-
9:26	8.5	8.1	9:26	12.0	12.4	-
9:27	8.0	8.2	9:27	12.5	12.5	-
9:28	8.0	8.2	9:28	14.0	12.6	-
9:29	8.0	8.2	9:29	13.8	12.4	-
9:30	7.0	8.2	9:30	11.3	11.8	-
9:31	7.0	8.2	9:31	11.8	11.8	-
9:32	7.0	8.1	9:32	11.0	11.8	-
9:33	7.0	8.1	9:33	11.0	11.8	-
9:34	7.5	8.0	9:34	11.0	11.8	-
9:35	7.0	7.9	9:35	11.0	11.8	-
9:36	8.0	7.8	9:36	11.0	11.8	-
9:37	8.0	7.8	9:37	11.3	11.8	-
9:38	7.5	7.7	9:38	11.0	11.8	-
9:39	8.0	7.7	9:39	10.8	11.7	-
9:40	8.0	7.6	9:40	10.8	11.6	-
9:41	8.5	7.6	9:41	10.8	11.5	-
9:42	8.3	7.7	9:42	10.5	11.4	-
9:43	8.0	7.7	9:43	10.0	11.1	-
9:44	7.8	7.6	9:44	10.0	10.9	-
9:45	7.0	7.6	9:45	10.0	10.8	-
9:46	7.0	7.6	9:46	10.0	10.7	-
9:47	7.0	7.6	9:47	10.0	10.6	-
9:48	6.5	7.6	9:48	10.0	10.5	-
9:49	7.0	7.6	9:49	10.0	10.5	-
9:50	6.0	7.5	9:50	10.0	10.4	-
9:51	6.0	7.4	9:51	21.0	11.1	-
9:52	6.8	7.3	9:52	75.5	15.4	-
9:53	6.0	7.2	9:53	25.5	16.3	-
9:54	6.3	7.1	9:54	13.0	16.5	-
9:55	6.0	6.9	9:55	9.8	16.4	-
9:56	5.8	6.8	9:56	9.8	16.3	-
9:57	5.0	6.5	9:57	9.0	16.2	-
9:58	5.0	6.3	9:58	8.3	16.1	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:59	5.0	6.2	9:59	8.5	16.0	-
10:00	5.8	6.1	10:00	8.8	15.9	-
10:01	5.8	6.0	10:01	109.0	22.5	-
10:02	5.0	5.9	10:02	89.8	27.9	-
10:03	5.0	5.8	10:03	21.8	28.6	-
10:04	5.0	5.6	10:04	22.8	29.5	-
10:05	5.0	5.6	10:05	9.8	29.5	-
10:06	5.0	5.5	10:06	8.3	28.6	-
10:07	4.0	5.3	10:07	7.8	24.1	-
10:08	4.0	5.2	10:08	8.8	23.0	-
10:09	4.0	5.0	10:09	8.0	22.7	-
10:10	4.0	4.9	10:10	7.0	22.5	-
10:11	4.0	4.8	10:11	7.8	22.3	-
10:12	4.0	4.7	10:12	7.3	22.2	-
10:13	4.0	4.6	10:13	7.0	22.1	-
10:14	3.5	4.5	10:14	8.5	22.1	-
10:15	3.8	4.4	10:15	9.3	22.2	-
10:16	3.5	4.3	10:16	7.5	15.4	-
10:17	3.0	4.1	10:17	8.3	10.0	-
10:18	3.8	4.0	10:18	8.0	9.1	-
10:19	3.3	3.9	10:19	8.0	8.1	-
10:20	2.8	3.8	10:20	7.5	7.9	-
10:21	2.8	3.6	10:21	9.5	8.0	-
10:22	3.0	3.6	10:22	7.5	8.0	-
10:23	3.0	3.5	10:23	7.0	7.9	-
10:24	3.0	3.4	10:24	7.0	7.8	-
10:25	3.0	3.4	10:25	7.0	7.8	-
10:26	3.0	3.3	10:26	15.0	8.3	-
10:27	2.0	3.2	10:27	9.3	8.4	-
10:28	2.8	3.1	10:28	6.8	8.4	-
10:29	3.0	3.0	10:29	7.8	8.4	-
10:30	3.5	3.0	10:30	7.0	8.2	-
10:31	3.0	3.0	10:31	7.0	8.2	-
10:32	3.0	3.0	10:32	7.8	8.1	-
10:33	3.8	3.0	10:33	9.0	8.2	-
10:34	4.0	3.0	10:34	9.0	8.3	-
10:35	4.0	3.1	10:35	9.8	8.4	-
10:36	3.3	3.2	10:36	9.0	8.4	-
10:37	2.8	3.1	10:37	8.0	8.4	-
10:38	3.8	3.2	10:38	7.3	8.4	-
10:39	3.0	3.2	10:39	7.0	8.4	-
10:40	2.3	3.1	10:40	9.5	8.6	-
10:41	2.5	3.1	10:41	11.3	8.4	-
10:42	2.0	3.1	10:42	7.8	8.3	-
10:43	2.0	3.1	10:43	7.5	8.3	-
10:44	2.0	3.0	10:44	7.0	8.3	-
10:45	2.0	2.9	10:45	7.0	8.3	-
10:46	1.8	2.8	10:46	6.8	8.2	-
10:47	1.0	2.7	10:47	6.0	8.1	-
10:48	1.0	2.5	10:48	6.0	7.9	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
10:49	1.0	2.3	10:49	6.0	7.7	-
10:50	1.0	2.1	10:50	8.3	7.6	-
10:51	1.0	1.9	10:51	6.8	7.5	-
10:52	2.0	1.9	10:52	6.0	7.3	-
10:53	1.8	1.8	10:53	5.5	7.2	-
10:54	1.0	1.6	10:54	5.5	7.1	-
10:55	1.0	1.5	10:55	6.0	6.9	-
10:56	0.5	1.4	10:56	5.3	6.5	-
10:57	0.5	1.3	10:57	5.0	6.3	-
10:58	0.3	1.2	10:58	5.0	6.1	-
10:59	0.8	1.1	10:59	5.0	6.0	-
11:00	0.0	1.0	11:00	5.0	5.9	-
11:01	0.0	0.9	11:01	4.5	5.7	-
11:02	0.0	0.8	11:02	5.0	5.7	-
11:03	0.0	0.7	11:03	4.0	5.5	-
11:04	0.0	0.7	11:04	4.0	5.4	-
11:05	0.0	0.6	11:05	4.0	5.1	-
11:06	0.0	0.5	11:06	4.0	4.9	-
11:07	0.0	0.4	11:07	4.0	4.8	-
11:08	0.0	0.3	11:08	4.5	4.7	-
11:09	0.0	0.2	11:09	6.5	4.8	-
11:10	0.0	0.1	11:10	5.8	4.8	-
11:11	0.0	0.1	11:11	4.8	4.7	-
11:12	0.0	0.1	11:12	4.3	4.7	-
11:13	0.0	0.1	11:13	4.0	4.6	-
11:14	0.0	0.0	11:14	4.0	4.6	-
11:15	0.0	0.0	11:15	4.0	4.5	-
11:16	0.0	0.0	11:16	4.3	4.5	-
11:17	0.0	0.0	11:17	5.5	4.5	-
11:18	0.0	0.0	11:18	7.0	4.7	-
11:19	0.0	0.0	11:19	5.0	4.8	-
11:20	0.0	0.0	11:20	5.3	4.9	-
11:21	0.0	0.0	11:21	4.5	4.9	-
11:22	0.0	0.0	11:22	4.0	4.9	-
11:23	0.0	0.0	11:23	4.0	4.9	-
11:24	0.0	0.0	11:24	5.0	4.8	-
11:25	0.0	0.0	11:25	5.8	4.8	-
11:26	0.0	0.0	11:26	5.8	4.8	-
11:27	0.0	0.0	11:27	4.5	4.8	-
11:28	0.0	0.0	11:28	4.0	4.8	-
11:29	0.0	0.0	11:29	3.8	4.8	-
11:30	0.0	0.0	11:30	3.3	4.8	-
11:31	0.0	0.0	11:31	3.5	4.7	-
11:32	0.0	0.0	11:32	3.5	4.6	-
11:33	0.0	0.0	11:33	3.3	4.3	-
11:34	0.0	0.0	11:34	3.0	4.2	-
11:35	0.0	0.0	11:35	3.0	4.1	-
11:36	0.0	0.0	11:36	3.0	4.0	-
11:37	0.0	0.0	11:37	3.0	3.9	-
11:38	0.0	0.0	11:38	3.0	3.8	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:39	0.0	0.0	11:39	3.0	3.7	-
11:40	0.0	0.0	11:40	3.0	3.5	-
11:41	0.0	0.0	11:41	3.0	3.3	-
11:42	0.0	0.0	11:42	3.0	3.2	-
11:43	0.0	0.0	11:43	3.0	3.2	-
11:44	0.0	0.0	11:44	3.0	3.1	-
11:45	0.0	0.0	11:45	2.5	3.1	-
11:46	0.0	0.0	11:46	3.0	3.0	-
11:47	0.0	0.0	11:47	4.8	3.1	-
11:48	0.0	0.0	11:48	3.0	3.1	-
11:49	0.0	0.0	11:49	2.0	3.0	-
11:50	0.0	0.0	11:50	2.0	3.0	-
11:51	0.0	0.0	11:51	2.0	2.9	-
11:52	0.0	0.0	11:52	2.0	2.8	-
11:53	-0.3	0.0	11:53	2.0	2.8	-
11:54	0.0	0.0	11:54	3.5	2.8	-
11:55	0.0	0.0	11:55	3.5	2.8	-
11:56	0.0	0.0	11:56	2.3	2.8	-
11:57	0.0	0.0	11:57	2.0	2.7	-
11:58	0.0	0.0	11:58	2.0	2.6	-
11:59	0.0	0.0	11:59	2.3	2.6	-
12:00	0.0	0.0	12:00	6.5	2.9	-
12:01	0.0	0.0	12:01	2.8	2.8	-
12:02	0.0	0.0	12:02	3.8	2.8	-
12:03	-0.8	-0.1	12:03	3.3	2.8	-
12:04	-1.0	-0.1	12:04	3.0	2.9	-
12:05	-1.0	-0.2	12:05	3.5	3.0	-
12:06	-0.8	-0.3	12:06	2.5	3.0	-
12:07	-0.3	-0.3	12:07	6.0	3.3	-
12:08	-0.3	-0.3	12:08	4.0	3.4	-
12:09	0.0	-0.3	12:09	2.5	3.3	-
12:10	-1.0	-0.3	12:10	2.0	3.2	-
12:11	-0.3	-0.4	12:11	2.8	3.3	-
12:12	-0.3	-0.4	12:12	2.3	3.3	-
12:13	-0.3	-0.4	12:13	2.0	3.3	-
12:14	-0.8	-0.4	12:14	2.5	3.3	-
12:15	-0.5	-0.5	12:15	3.0	3.1	-
12:16	0.0	-0.5	12:16	2.0	3.0	-
12:17	0.0	-0.5	12:17	2.0	2.9	-
12:18	0.0	-0.4	12:18	2.0	2.8	-
12:19	-1.0	-0.4	12:19	2.0	2.7	-
12:20	-0.5	-0.4	12:20	2.0	2.6	-
12:21	0.0	-0.3	12:21	2.0	2.6	-
12:22	0.0	-0.3	12:22	2.0	2.3	-
12:23	0.0	-0.3	12:23	2.0	2.2	-
12:24	0.0	-0.3	12:24	2.0	2.2	-
12:25	-0.8	-0.3	12:25	2.0	2.2	-
12:26	-0.3	-0.3	12:26	2.0	2.1	-
12:27	0.0	-0.3	12:27	2.0	2.1	-
12:28	0.0	-0.3	12:28	2.0	2.1	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:29	-0.5	-0.2	12:29	2.0	2.1	-
12:30	-1.0	-0.3	12:30	2.0	2.0	-
12:31	-1.0	-0.3	12:31	2.0	2.0	-
12:32	-1.0	-0.4	12:32	2.0	2.0	-
12:33	-1.0	-0.5	12:33	2.0	2.0	-
12:34	-1.0	-0.5	12:34	1.0	1.9	-
12:35	-1.0	-0.5	12:35	1.0	1.9	-
12:36	-1.0	-0.6	12:36	1.0	1.8	-
12:37	-1.0	-0.6	12:37	1.0	1.7	-
12:38	-1.0	-0.7	12:38	1.0	1.7	-
12:39	-1.0	-0.8	12:39	1.0	1.6	-
12:40	-1.5	-0.8	12:40	1.0	1.5	-
12:41	-2.0	-0.9	12:41	1.0	1.5	-
12:42	-2.0	-1.1	12:42	1.0	1.4	-
12:43	-2.0	-1.2	12:43	1.0	1.3	-
12:44	-2.0	-1.3	12:44	1.0	1.3	-
12:45	-2.0	-1.4	12:45	0.5	1.2	-
12:46	-2.0	-1.4	12:46	1.5	1.1	-
12:47	-2.0	-1.5	12:47	0.3	1.0	-
12:48	-2.3	-1.6	12:48	0.0	0.9	-
12:49	-3.0	-1.7	12:49	0.0	0.8	-
12:50	-2.8	-1.8	12:50	0.0	0.8	-
12:51	-2.0	-1.9	12:51	0.5	0.7	-
12:52	-1.8	-2.0	12:52	0.5	0.7	-
12:53	-1.0	-2.0	12:53	1.5	0.7	-
12:54	-1.3	-2.0	12:54	1.5	0.8	-
12:55	-2.0	-2.0	12:55	1.0	0.8	-
12:56	-2.0	-2.0	12:56	0.0	0.7	-
12:57	-2.5	-2.0	12:57	1.0	0.7	-
12:58	-3.0	-2.1	12:58	2.8	0.8	-
12:59	-3.0	-2.2	12:59	1.0	0.8	-
13:00	-3.0	-2.2	13:00	0.3	0.8	-
13:01	-3.0	-2.3	13:01	0.0	0.7	-
13:02	-3.0	-2.4	13:02	0.0	0.7	-
13:03	-3.0	-2.4	13:03	0.0	0.7	-
13:04	-3.0	-2.4	13:04	0.0	0.7	-
13:05	-3.0	-2.4	13:05	0.3	0.7	-
13:06	-2.5	-2.5	13:06	1.0	0.7	-
13:07	-3.0	-2.6	13:07	0.8	0.7	-
13:08	-3.0	-2.7	13:08	0.5	0.7	-
13:09	-3.0	-2.8	13:09	0.5	0.6	-
13:10	-3.0	-2.9	13:10	0.5	0.6	-
13:11	-3.0	-2.9	13:11	1.0	0.6	-
13:12	-3.0	-3.0	13:12	0.8	0.6	-
13:13	-3.0	-3.0	13:13	0.0	0.4	-
13:14	-3.0	-3.0	13:14	0.0	0.4	-
13:15	-3.0	-3.0	13:15	0.0	0.4	-
13:16	-3.0	-3.0	13:16	0.0	0.4	-
13:17	-3.0	-3.0	13:17	0.0	0.4	-
13:18	-3.0	-3.0	13:18	0.0	0.4	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
13:19	-3.0	-3.0	13:19	0.0	0.4	-
13:20	-3.0	-3.0	13:20	2.0	0.5	-
13:21	-3.0	-3.0	13:21	2.0	0.5	-
13:22	-3.0	-3.0	13:22	0.0	0.5	-
13:23	-3.0	-3.0	13:23	0.0	0.5	-
13:24	-3.0	-3.0	13:24	0.0	0.4	-
13:25	-3.0	-3.0	13:25	0.0	0.4	-
13:26	-3.0	-3.0	13:26	0.0	0.3	-
13:27	-3.0	-3.0	13:27	0.0	0.3	-
13:28	-3.0	-3.0	13:28	0.0	0.3	-
13:29	-3.0	-3.0	13:29	0.0	0.3	-
13:30	-3.0	-3.0	13:30	0.0	0.3	-
13:31	-3.0	-3.0	13:31	0.0	0.3	-
13:32	-3.0	-3.0	13:32	0.0	0.3	-
13:33	-3.0	-3.0	13:33	0.0	0.3	-
13:34	-2.8	-3.0	13:34	0.0	0.3	-
13:35	0.0	-2.8	13:35	0.0	0.1	-
13:36	0.0	-2.6	13:36	0.0	0.0	-
13:37	0.0	-2.4	13:37	0.0	0.0	-
13:38	0.0	-2.2	13:38	0.0	0.0	-
13:39	0.5	-2.0	13:39	0.5	0.0	-
13:40	0.8	-1.7	13:40	0.8	0.1	-
13:41	0.0	-1.5	13:41	0.0	0.1	-
13:42	0.0	-1.3	13:42	0.0	0.1	-
13:43	0.0	-1.1	13:43	0.0	0.1	-
13:44	1.0	-0.8	13:44	1.0	0.2	-
13:45	1.0	-0.6	13:45	-	-	-
13:46	0.0	-0.4	13:46	-	-	-
13:47	0.3	-0.2	13:47	-	-	-
13:48	0.8	0.1	13:48	-	-	-
13:49	0.0	0.3	13:49	-	-	-
13:50	0.5	0.3	13:50	-	-	-
13:51	0.0	0.3	13:51	-	-	-
13:52	3.0	0.5	13:52	-	-	-
13:53	1.3	0.6	13:53	-	-	-
13:54	1.3	0.7	13:54	-	-	-
13:55	2.0	0.7	13:55	-	-	-
13:56	2.8	0.9	13:56	-	-	-
13:57	2.3	1.1	13:57	-	-	-
13:58	2.8	1.3	13:58	-	-	-
13:59	3.3	1.4	13:59	-	-	-
14:00	1.8	1.5	14:00	-	-	-
14:01	0.8	1.5	14:01	-	-	-
14:02	1.0	1.6	14:02	-	-	-
14:03	0.3	1.5	14:03	-	-	-
14:04	0.5	1.6	14:04	-	-	-
14:05	0.5	1.6	14:05	-	-	-
14:06	0.0	1.6	14:06	-	-	-
14:07	0.0	1.4	14:07	0.0	-	-
14:08	0.0	1.3	14:08	0.0	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:09	0.8	1.2	14:09	0.0	-	-
14:10	0.0	1.1	14:10	0.0	-	-
14:11	0.0	0.9	14:11	0.0	-	-
14:12	0.0	0.8	14:12	0.0	-	-
14:13	0.0	0.6	14:13	0.0	-	-
14:14	0.0	0.4	14:14	0.0	-	-
14:15	0.0	0.3	14:15	0.8	-	-
14:16	0.0	0.2	14:16	1.0	-	-
14:17	0.0	0.1	14:17	1.3	-	-
14:18	0.0	0.1	14:18	1.5	-	-
14:19	0.0	0.1	14:19	0.8	-	-
14:20	0.0	0.1	14:20	0.5	-	-
14:21	0.0	0.1	14:21	1.0	-	-
14:22	0.0	0.1	14:22	2.3	0.6	-
14:23	0.0	0.1	14:23	1.3	0.7	-
14:24	0.0	0.0	14:24	0.5	0.7	-
14:25	0.0	0.0	14:25	0.3	0.7	-
14:26	0.0	0.0	14:26	1.0	0.8	-
14:27	0.0	0.0	14:27	0.3	0.8	-
14:28	0.0	0.0	14:28	0.5	0.9	-
14:29	0.0	0.0	14:29	1.0	0.9	-
14:30	0.0	0.0	14:30	0.5	0.9	-
14:31	0.0	0.0	14:31	0.0	0.8	-
14:32	0.0	0.0	14:32	0.0	0.8	-
14:33	0.0	0.0	14:33	0.0	0.7	-
14:34	0.0	0.0	14:34	1.0	0.7	-
14:35	0.0	0.0	14:35	1.3	0.7	-
14:36	0.0	0.0	14:36	1.0	0.7	-
14:37	0.0	0.0	14:37	3.8	0.8	-
14:38	0.0	0.0	14:38	4.3	1.0	-
14:39	0.0	0.0	14:39	1.5	1.1	-
14:40	0.0	0.0	14:40	1.3	1.2	-
14:41	0.0	0.0	14:41	0.8	1.1	-
14:42	0.0	0.0	14:42	0.0	1.1	-
14:43	0.0	0.0	14:43	1.0	1.2	-
14:44	0.0	0.0	14:44	1.0	1.2	-
14:45	0.0	0.0	14:45	1.0	1.2	-
14:46	0.0	0.0	14:46	1.8	1.3	-
14:47	0.0	0.0	14:47	0.3	1.3	-
14:48	0.0	0.0	14:48	0.3	1.3	-
14:49	0.0	0.0	14:49	2.0	1.4	-
14:50	0.0	0.0	14:50	2.0	1.5	-
14:51	0.0	0.0	14:51	0.5	1.4	-
14:52	0.0	0.0	14:52	1.3	1.3	-
14:53	0.0	0.0	14:53	5.8	1.4	-
14:54	0.0	0.0	14:54	1.8	1.4	-
14:55	0.0	0.0	14:55	0.5	1.3	-
14:56	0.0	0.0	14:56	1.0	1.3	-
14:57	0.0	0.0	14:57	2.3	1.5	-
14:58	0.0	0.0	14:58	2.3	1.6	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:59	0.0	0.0	14:59	1.3	1.6	-
15:00	0.0	0.0	15:00	1.5	1.6	-
15:01	0.0	0.0	15:01	2.0	1.6	-
15:02	0.0	0.0	15:02	1.5	1.7	-
15:03	0.0	0.0	15:03	1.0	1.8	-
15:04	0.0	0.0	15:04	1.0	1.7	-
15:05	0.0	0.0	15:05	1.0	1.6	-
15:06	0.0	0.0	15:06	1.0	1.7	-
15:07	0.0	0.0	15:07	1.0	1.7	-
15:08	0.0	0.0	15:08	1.0	1.3	-
15:09	0.0	0.0	15:09	1.0	1.3	-
15:10	0.0	0.0	15:10	1.0	1.3	-
15:11	0.0	0.0	15:11	1.5	1.4	-
15:12	0.0	0.0	15:12	1.5	1.3	-
15:13	0.0	0.0	15:13	1.0	1.2	-
15:14	0.0	0.0	15:14	1.0	1.2	-
15:15	0.0	0.0	15:15	1.0	1.2	-
15:16	0.0	0.0	15:16	1.0	1.1	-
15:17	0.0	0.0	15:17	1.0	1.1	-
15:18	0.0	0.0	15:18	1.0	1.1	-
15:19	0.0	0.0	15:19	1.0	1.1	-
15:20	0.0	0.0	15:20	1.0	1.1	-
15:21	0.0	0.0	15:21	1.5	1.1	-
15:22	0.0	0.0	15:22	1.5	1.1	-
15:23	0.0	0.0	15:23	1.0	1.1	-
15:24	0.0	0.0	15:24	1.0	1.1	-
15:25	0.0	0.0	15:25	1.0	1.1	-
15:26	0.0	0.0	15:26	1.0	1.1	-
15:27	0.0	0.0	15:27	1.0	1.1	-
15:28	0.0	0.0	15:28	2.0	1.1	-
15:29	0.0	0.0	15:29	1.3	1.2	-
15:30	0.0	0.0	15:30	1.3	1.2	-
15:31	0.0	0.0	15:31	2.5	1.3	-
15:32	0.0	0.0	15:32	2.0	1.3	-
15:33	0.0	0.0	15:33	1.0	1.3	-
15:34	0.0	0.0	15:34	1.0	1.3	-
15:35	0.0	0.0	15:35	1.8	1.4	-
15:36	1.0	0.1	15:36	1.0	1.4	-
15:37	1.0	0.1	15:37	1.0	1.3	-
15:38	1.0	0.2	15:38	1.0	1.3	-
15:39	1.0	0.3	15:39	1.0	1.3	-
15:40	1.0	0.3	15:40	1.0	1.3	-
15:41	1.0	0.4	15:41	1.0	1.3	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

Tuesday, October 28, 2025						
					Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =	0
					Number of Comparable Data Points =	391
					Start Time:	7:58
					End Time:	15:41
PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	-
7:23	-	-	7:23	-	-	-
7:24	-	-	7:24	-	-	-
7:25	-	-	7:25	-	-	-
7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	-
7:28	-	-	7:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
7:29	-	-	7:29	-	-	-
7:30	-	-	7:30	-	-	-
7:31	-	-	7:31	-	-	-
7:32	-	-	7:32	-	-	-
7:33	-	-	7:33	-	-	-
7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	-
7:36	-	-	7:36	-	-	-
7:37	-	-	7:37	-	-	-
7:38	-	-	7:38	-	-	-
7:39	-	-	7:39	-	-	-
7:40	-	-	7:40	-	-	-
7:41	-	-	7:41	-	-	-
7:42	-	-	7:42	-	-	-
7:43	-	-	7:43	-	-	-
7:44	-	-	7:44	-	-	-
7:45	-	-	7:45	-	-	-
7:46	-	-	7:46	-	-	-
7:47	-	-	7:47	-	-	-
7:48	-	-	7:48	-	-	-
7:49	-	-	7:49	-	-	-
7:50	-	-	7:50	-	-	-
7:51	-	-	7:51	-	-	-
7:52	-	-	7:52	-	-	-
7:53	-	-	7:53	-	-	-
7:54	-	-	7:54	-	-	-
7:55	-	-	7:55	-	-	-
7:56	-	-	7:56	-	-	-
7:57	-	-	7:57	-	-	-
7:58	0.0	-	7:58	-	-	-
7:59	0.0	-	7:59	-	-	-
8:00	0.0	-	8:00	-	-	-
8:01	0.0	-	8:01	-	-	-
8:02	0.0	-	8:02	-	-	-
8:03	0.0	-	8:03	-	-	-
8:04	0.0	-	8:04	-	-	-
8:05	0.0	-	8:05	-	-	-
8:06	0.0	-	8:06	-	-	-
8:07	0.0	-	8:07	0.0	-	-
8:08	0.0	-	8:08	0.0	-	-
8:09	0.0	-	8:09	0.0	-	-
8:10	0.0	-	8:10	0.0	-	-
8:11	0.0	-	8:11	-	-	-
8:12	0.0	-	8:12	-	-	-
8:13	0.0	0.0	8:13	-	-	-
8:14	0.0	0.0	8:14	-	-	-
8:15	0.0	0.0	8:15	-	-	-
8:16	0.0	0.0	8:16	-	-	-
8:17	0.0	0.0	8:17	-	-	-
8:18	0.0	0.0	8:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
8:19	0.0	0.0	8:19	0.0	-	-
8:20	0.0	0.0	8:20	0.0	-	-
8:21	0.0	0.0	8:21	0.0	-	-
8:22	0.0	0.0	8:22	0.0	-	-
8:23	0.0	0.0	8:23	0.0	-	-
8:24	0.0	0.0	8:24	0.0	-	-
8:25	0.0	0.0	8:25	0.0	-	-
8:26	0.0	0.0	8:26	0.0	-	-
8:27	0.0	0.0	8:27	0.0	-	-
8:28	0.0	0.0	8:28	0.0	-	-
8:29	0.0	0.0	8:29	0.0	-	-
8:30	0.0	0.0	8:30	0.0	-	-
8:31	0.0	0.0	8:31	0.0	-	-
8:32	0.0	0.0	8:32	0.0	-	-
8:33	0.0	0.0	8:33	0.0	-	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	-	-	-
13:46	0.0	0.0	13:46	-	-	-
13:47	0.0	0.0	13:47	-	-	-
13:48	0.0	0.0	13:48	-	-	-
13:49	0.0	0.0	13:49	-	-	-
13:50	0.0	0.0	13:50	-	-	-
13:51	0.0	0.0	13:51	-	-	-
13:52	0.0	0.0	13:52	-	-	-
13:53	0.0	0.0	13:53	-	-	-
13:54	0.0	0.0	13:54	-	-	-
13:55	0.0	0.0	13:55	-	-	-
13:56	0.0	0.0	13:56	-	-	-
13:57	0.0	0.0	13:57	-	-	-
13:58	0.0	0.0	13:58	-	-	-
13:59	0.0	0.0	13:59	-	-	-
14:00	0.0	0.0	14:00	-	-	-
14:01	0.0	0.0	14:01	-	-	-
14:02	0.0	0.0	14:02	-	-	-
14:03	0.0	0.0	14:03	-	-	-
14:04	0.0	0.0	14:04	-	-	-
14:05	0.0	0.0	14:05	-	-	-
14:06	0.0	0.0	14:06	-	-	-
14:07	0.0	0.0	14:07	0.0	-	-
14:08	0.0	0.0	14:08	0.0	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:09	0.0	0.0	14:09	0.0	-	-
14:10	0.0	0.0	14:10	0.0	-	-
14:11	0.0	0.0	14:11	0.0	-	-
14:12	0.0	0.0	14:12	0.0	-	-
14:13	0.0	0.0	14:13	0.0	-	-
14:14	0.0	0.0	14:14	0.0	-	-
14:15	0.0	0.0	14:15	0.0	-	-
14:16	0.0	0.0	14:16	0.0	-	-
14:17	0.0	0.0	14:17	0.0	-	-
14:18	0.0	0.0	14:18	0.0	-	-
14:19	0.0	0.0	14:19	0.0	-	-
14:20	0.0	0.0	14:20	0.0	-	-
14:21	0.0	0.0	14:21	0.0	-	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.0	0.0	-
15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.0	0.0	-
15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.0	0.0	-
15:36	0.0	0.0	15:36	0.0	0.0	-
15:37	0.0	0.0	15:37	0.0	0.0	-
15:38	0.0	0.0	15:38	0.0	0.0	-
15:39	0.0	0.0	15:39	0.0	0.0	-
15:40	0.0	0.0	15:40	0.0	0.0	-
15:41	0.0	0.0	15:41	0.0	0.0	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

GALLAGHER BASSETT | TECHNICAL SERVICES

22 IBM Road, Suite 101, Poughkeepsie, NY 12601

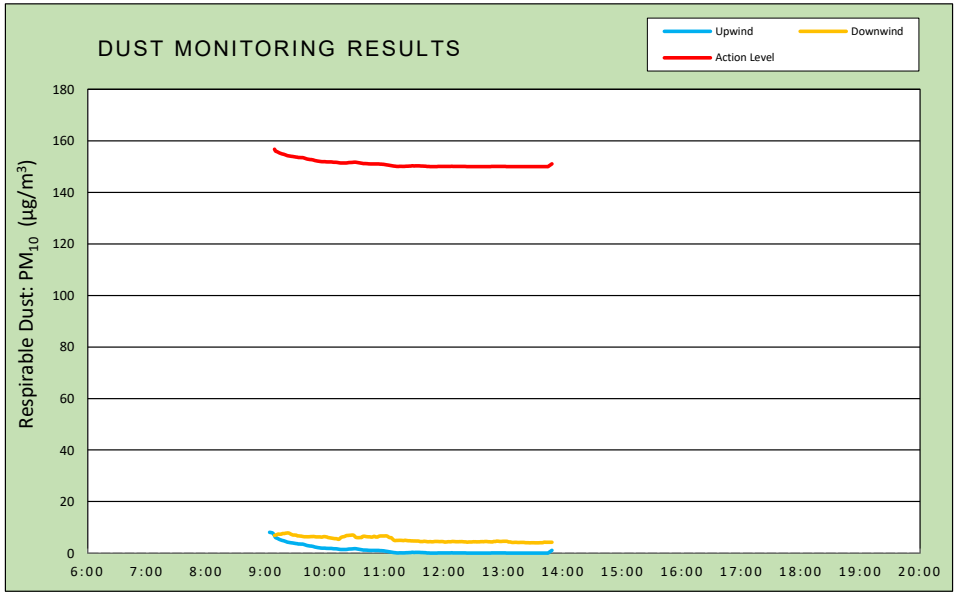
DAILY AIR MONITORING REPORT
140 Montgomery Street
Newburgh, New York

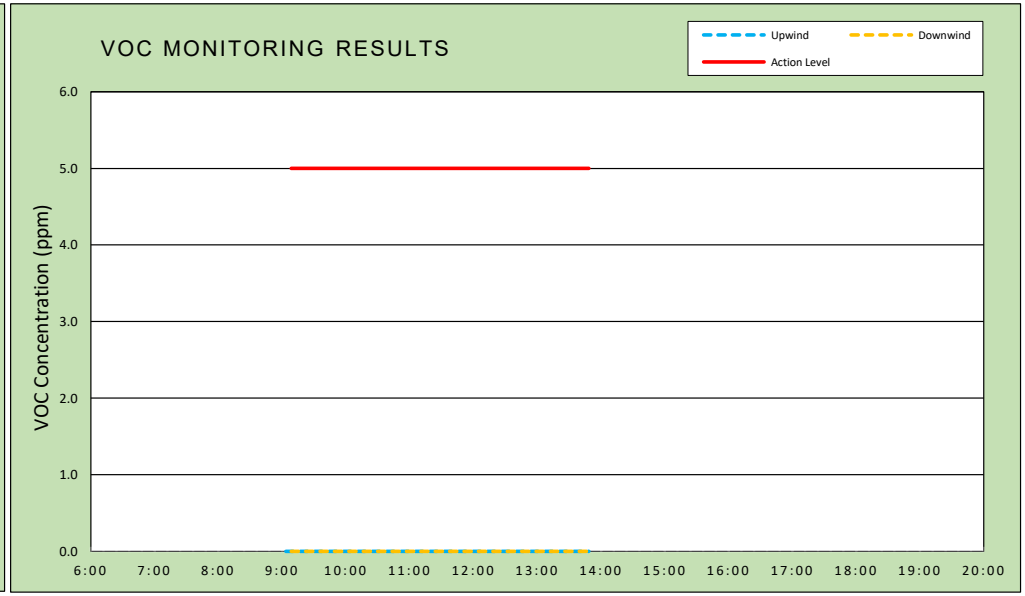
10/29/2025

Rev. No. 0	Page 1 of 2
Project Number:	
Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	NNE	Relative Humidity (%)	57.0 - 91.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	37.0 - 54.0	Wind Speed (MPH)	1.6 - 8.0	Barometer (inHg)	30.20 - 30.20	Avg. Dew Point Temp (°F)	38.9	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	1.3	8.1	9:04	0.0	0.0	13:43
Downwind	5.3	7.8	9:22	0.0	0.0	9:09



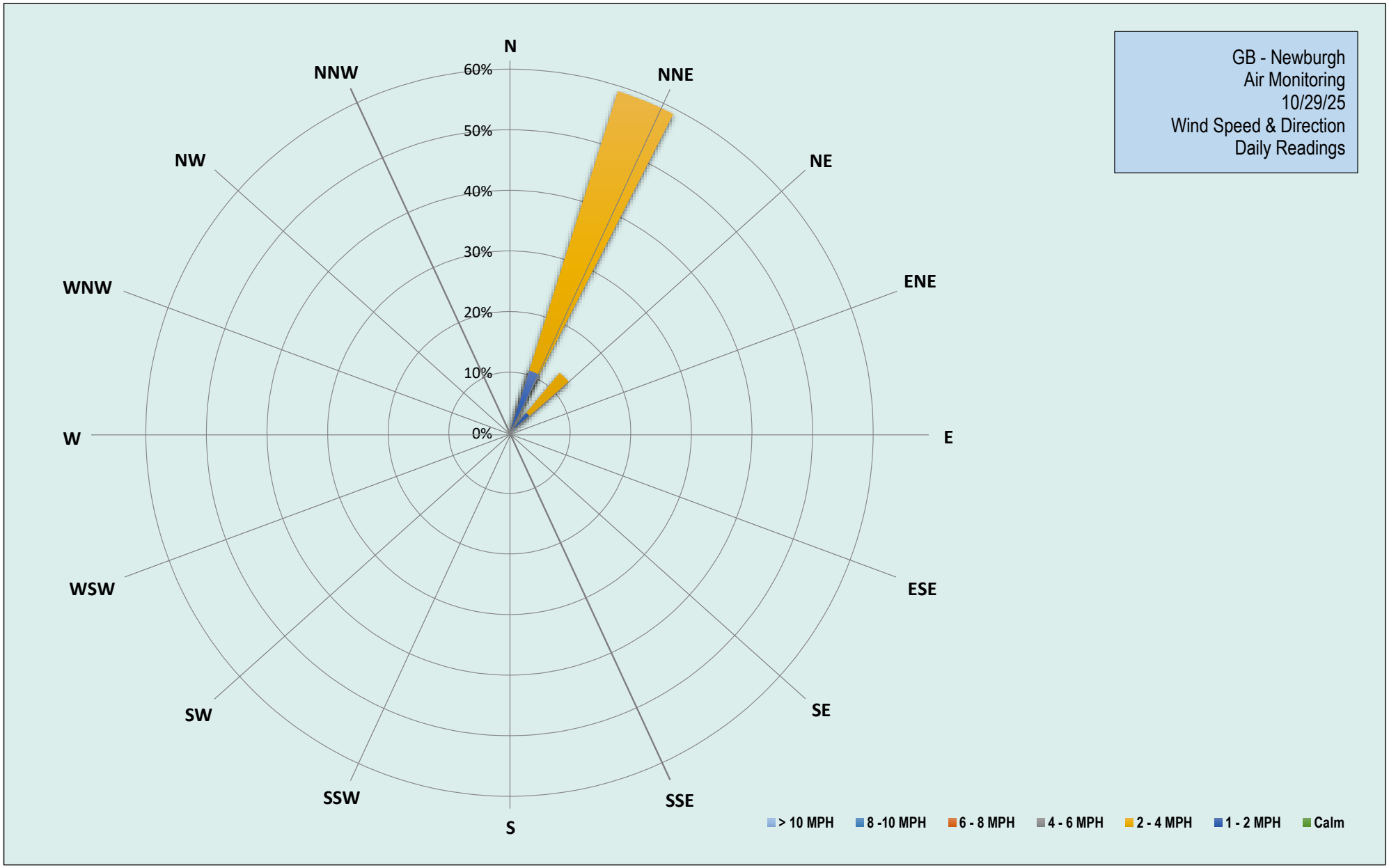


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

Wednesday, October 29, 2025						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						281
Start Time:						8:49
End Time:						13:49
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	-
7:23	-	-	7:23	-	-	-
7:24	-	-	7:24	-	-	-
7:25	-	-	7:25	-	-	-
7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	-
7:28	-	-	7:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
7:29	-	-	7:29	-	-	-
7:30	-	-	7:30	-	-	-
7:31	-	-	7:31	-	-	-
7:32	-	-	7:32	-	-	-
7:33	-	-	7:33	-	-	-
7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	-
7:36	-	-	7:36	-	-	-
7:37	-	-	7:37	-	-	-
7:38	-	-	7:38	-	-	-
7:39	-	-	7:39	-	-	-
7:40	-	-	7:40	-	-	-
7:41	-	-	7:41	-	-	-
7:42	-	-	7:42	-	-	-
7:43	-	-	7:43	-	-	-
7:44	-	-	7:44	-	-	-
7:45	-	-	7:45	-	-	-
7:46	-	-	7:46	-	-	-
7:47	-	-	7:47	-	-	-
7:48	-	-	7:48	-	-	-
7:49	-	-	7:49	-	-	-
7:50	-	-	7:50	-	-	-
7:51	-	-	7:51	-	-	-
7:52	-	-	7:52	-	-	-
7:53	-	-	7:53	-	-	-
7:54	-	-	7:54	-	-	-
7:55	-	-	7:55	-	-	-
7:56	-	-	7:56	-	-	-
7:57	-	-	7:57	-	-	-
7:58	-	-	7:58	-	-	-
7:59	-	-	7:59	-	-	-
8:00	-	-	8:00	-	-	-
8:01	-	-	8:01	-	-	-
8:02	-	-	8:02	-	-	-
8:03	-	-	8:03	-	-	-
8:04	-	-	8:04	-	-	-
8:05	-	-	8:05	-	-	-
8:06	-	-	8:06	-	-	-
8:07	-	-	8:07	-	-	-
8:08	-	-	8:08	-	-	-
8:09	-	-	8:09	-	-	-
8:10	-	-	8:10	-	-	-
8:11	-	-	8:11	-	-	-
8:12	-	-	8:12	-	-	-
8:13	-	-	8:13	-	-	-
8:14	-	-	8:14	-	-	-
8:15	-	-	8:15	-	-	-
8:16	-	-	8:16	-	-	-
8:17	-	-	8:17	-	-	-
8:18	-	-	8:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:19	-	-	8:19	-	-	-
8:20	-	-	8:20	-	-	-
8:21	-	-	8:21	-	-	-
8:22	-	-	8:22	-	-	-
8:23	-	-	8:23	-	-	-
8:24	-	-	8:24	-	-	-
8:25	-	-	8:25	-	-	-
8:26	-	-	8:26	-	-	-
8:27	-	-	8:27	-	-	-
8:28	-	-	8:28	-	-	-
8:29	-	-	8:29	-	-	-
8:30	-	-	8:30	-	-	-
8:31	-	-	8:31	-	-	-
8:32	-	-	8:32	-	-	-
8:33	-	-	8:33	-	-	-
8:34	-	-	8:34	-	-	-
8:35	-	-	8:35	-	-	-
8:36	-	-	8:36	-	-	-
8:37	-	-	8:37	-	-	-
8:38	-	-	8:38	-	-	-
8:39	-	-	8:39	-	-	-
8:40	-	-	8:40	-	-	-
8:41	-	-	8:41	-	-	-
8:42	-	-	8:42	-	-	-
8:43	-	-	8:43	-	-	-
8:44	-	-	8:44	-	-	-
8:45	-	-	8:45	-	-	-
8:46	-	-	8:46	-	-	-
8:47	-	-	8:47	-	-	-
8:48	-	-	8:48	-	-	-
8:49	3.5	-	8:49	-	-	-
8:50	7.0	-	8:50	-	-	-
8:51	7.0	-	8:51	-	-	-
8:52	7.0	-	8:52	-	-	-
8:53	11.3	-	8:53	-	-	-
8:54	14.5	-	8:54	0.0	-	-
8:55	15.8	-	8:55	8.3	-	-
8:56	7.3	-	8:56	7.0	-	-
8:57	7.0	-	8:57	6.5	-	-
8:58	7.0	-	8:58	6.0	-	-
8:59	7.0	-	8:59	7.0	-	-
9:00	6.3	-	9:00	6.3	-	-
9:01	6.0	-	9:01	6.0	-	-
9:02	6.0	-	9:02	6.8	-	-
9:03	6.0	-	9:03	7.0	-	-
9:04	6.0	8.1	9:04	7.0	-	-
9:05	6.0	8.0	9:05	6.0	-	-
9:06	5.8	7.9	9:06	6.8	-	-
9:07	5.3	7.8	9:07	6.5	-	-
9:08	5.0	7.4	9:08	7.3	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:09	5.0	6.8	9:09	8.8	6.9	-
9:10	5.0	6.0	9:10	9.5	7.0	-
9:11	5.0	5.9	9:11	9.5	7.1	-
9:12	4.3	5.7	9:12	9.0	7.3	-
9:13	4.0	5.5	9:13	7.5	7.4	-
9:14	4.0	5.3	9:14	6.0	7.3	-
9:15	4.0	5.2	9:15	6.8	7.4	-
9:16	4.0	5.0	9:16	6.3	7.4	-
9:17	4.0	4.9	9:17	10.0	7.6	-
9:18	5.0	4.8	9:18	7.3	7.6	-
9:19	4.0	4.7	9:19	7.0	7.6	-
9:20	4.0	4.6	9:20	7.8	7.7	-
9:21	3.5	4.4	9:21	7.3	7.8	-
9:22	3.0	4.3	9:22	7.5	7.8	-
9:23	4.0	4.2	9:23	7.0	7.8	-
9:24	4.0	4.1	9:24	7.0	7.7	-
9:25	4.0	4.1	9:25	6.0	7.5	-
9:26	4.0	4.0	9:26	6.8	7.3	-
9:27	3.8	4.0	9:27	6.5	7.1	-
9:28	3.0	3.9	9:28	6.0	7.0	-
9:29	3.0	3.8	9:29	6.3	7.0	-
9:30	3.0	3.8	9:30	6.0	7.0	-
9:31	3.0	3.7	9:31	6.0	7.0	-
9:32	3.5	3.7	9:32	6.3	6.7	-
9:33	3.3	3.5	9:33	7.0	6.7	-
9:34	4.0	3.5	9:34	6.5	6.7	-
9:35	3.8	3.5	9:35	7.0	6.6	-
9:36	3.0	3.5	9:36	7.0	6.6	-
9:37	3.3	3.5	9:37	6.0	6.5	-
9:38	3.0	3.4	9:38	6.0	6.4	-
9:39	2.3	3.3	9:39	6.0	6.4	-
9:40	2.0	3.2	9:40	6.0	6.4	-
9:41	2.0	3.1	9:41	6.8	6.4	-
9:42	2.0	2.9	9:42	6.3	6.3	-
9:43	2.0	2.9	9:43	6.0	6.3	-
9:44	2.0	2.8	9:44	6.5	6.4	-
9:45	2.0	2.7	9:45	6.5	6.4	-
9:46	3.0	2.7	9:46	6.5	6.4	-
9:47	2.3	2.7	9:47	6.0	6.4	-
9:48	2.3	2.6	9:48	7.8	6.5	-
9:49	2.0	2.5	9:49	6.0	6.4	-
9:50	2.0	2.3	9:50	6.0	6.4	-
9:51	2.0	2.3	9:51	6.0	6.3	-
9:52	2.0	2.2	9:52	6.0	6.3	-
9:53	2.0	2.1	9:53	6.0	6.3	-
9:54	1.5	2.1	9:54	6.0	6.3	-
9:55	1.0	2.0	9:55	6.0	6.3	-
9:56	1.3	2.0	9:56	5.8	6.2	-
9:57	1.5	1.9	9:57	6.3	6.2	-
9:58	2.0	1.9	9:58	7.8	6.3	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:59	2.0	1.9	9:59	7.5	6.4	-
10:00	2.0	1.9	10:00	6.3	6.4	-
10:01	2.0	1.9	10:01	5.3	6.3	-
10:02	2.0	1.8	10:02	5.0	6.2	-
10:03	2.0	1.8	10:03	5.0	6.1	-
10:04	2.0	1.8	10:04	5.0	6.0	-
10:05	2.0	1.8	10:05	5.0	5.9	-
10:06	2.0	1.8	10:06	5.0	5.9	-
10:07	1.5	1.8	10:07	5.0	5.8	-
10:08	1.0	1.7	10:08	5.0	5.7	-
10:09	1.0	1.7	10:09	5.0	5.7	-
10:10	1.0	1.7	10:10	5.3	5.6	-
10:11	1.0	1.7	10:11	6.0	5.6	-
10:12	1.0	1.6	10:12	5.0	5.5	-
10:13	1.0	1.6	10:13	5.8	5.4	-
10:14	1.0	1.5	10:14	7.0	5.4	-
10:15	1.0	1.4	10:15	10.8	5.7	-
10:16	1.5	1.4	10:16	10.8	6.0	-
10:17	2.0	1.4	10:17	7.8	6.2	-
10:18	2.0	1.4	10:18	6.5	6.3	-
10:19	2.0	1.4	10:19	6.0	6.4	-
10:20	2.0	1.4	10:20	6.8	6.5	-
10:21	2.0	1.4	10:21	8.0	6.7	-
10:22	2.0	1.4	10:22	7.0	6.8	-
10:23	2.0	1.5	10:23	5.0	6.8	-
10:24	2.0	1.6	10:24	5.8	6.9	-
10:25	1.3	1.6	10:25	5.8	6.9	-
10:26	1.3	1.6	10:26	6.5	7.0	-
10:27	1.3	1.6	10:27	5.8	7.0	-
10:28	1.5	1.7	10:28	5.8	7.0	-
10:29	1.8	1.7	10:29	5.3	6.9	-
10:30	1.3	1.7	10:30	5.0	6.5	-
10:31	1.3	1.7	10:31	5.5	6.2	-
10:32	1.0	1.6	10:32	6.0	6.0	-
10:33	1.0	1.6	10:33	6.0	6.0	-
10:34	1.0	1.5	10:34	6.0	6.0	-
10:35	1.0	1.4	10:35	7.0	6.0	-
10:36	1.0	1.4	10:36	9.0	6.1	-
10:37	1.0	1.3	10:37	6.3	6.0	-
10:38	1.0	1.2	10:38	11.3	6.5	-
10:39	1.0	1.2	10:39	7.0	6.5	-
10:40	1.5	1.2	10:40	5.8	6.5	-
10:41	1.0	1.2	10:41	5.0	6.4	-
10:42	1.0	1.2	10:42	5.0	6.4	-
10:43	1.0	1.1	10:43	5.0	6.3	-
10:44	1.0	1.1	10:44	5.0	6.3	-
10:45	1.0	1.1	10:45	5.0	6.3	-
10:46	1.0	1.0	10:46	4.5	6.3	-
10:47	1.0	1.0	10:47	5.3	6.2	-
10:48	1.0	1.0	10:48	7.0	6.3	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
10:49	1.0	1.0	10:49	8.8	6.5	-
10:50	1.0	1.0	10:50	7.5	6.5	-
10:51	1.0	1.0	10:51	5.8	6.3	-
10:52	1.0	1.0	10:52	6.0	6.3	-
10:53	1.0	1.0	10:53	11.3	6.3	-
10:54	1.0	1.0	10:54	10.3	6.5	-
10:55	0.8	1.0	10:55	7.5	6.6	-
10:56	0.5	1.0	10:56	6.0	6.7	-
10:57	1.0	1.0	10:57	5.0	6.7	-
10:58	0.3	0.9	10:58	5.0	6.7	-
10:59	0.8	0.9	10:59	5.0	6.7	-
11:00	0.0	0.8	11:00	5.0	6.7	-
11:01	0.0	0.8	11:01	5.0	6.7	-
11:02	0.0	0.7	11:02	5.0	6.7	-
11:03	0.3	0.6	11:03	5.0	6.5	-
11:04	0.0	0.6	11:04	4.8	6.3	-
11:05	0.0	0.5	11:05	4.3	6.1	-
11:06	0.0	0.4	11:06	5.0	6.0	-
11:07	0.0	0.4	11:07	5.0	5.9	-
11:08	0.0	0.3	11:08	5.0	5.5	-
11:09	0.0	0.2	11:09	4.8	5.2	-
11:10	0.0	0.2	11:10	4.0	4.9	-
11:11	0.0	0.2	11:11	5.3	4.9	-
11:12	0.0	0.1	11:12	5.8	4.9	-
11:13	0.0	0.1	11:13	5.0	4.9	-
11:14	0.5	0.1	11:14	5.3	4.9	-
11:15	0.8	0.1	11:15	5.3	5.0	-
11:16	0.0	0.1	11:16	5.0	5.0	-
11:17	0.0	0.1	11:17	4.8	4.9	-
11:18	0.0	0.1	11:18	4.5	4.9	-
11:19	0.0	0.1	11:19	4.0	4.9	-
11:20	0.0	0.1	11:20	5.3	4.9	-
11:21	0.5	0.1	11:21	5.8	5.0	-
11:22	0.5	0.2	11:22	4.0	4.9	-
11:23	0.0	0.2	11:23	4.3	4.9	-
11:24	0.3	0.2	11:24	4.0	4.8	-
11:25	0.5	0.2	11:25	4.0	4.8	-
11:26	0.0	0.2	11:26	5.0	4.8	-
11:27	0.8	0.3	11:27	5.0	4.7	-
11:28	1.0	0.3	11:28	5.0	4.7	-
11:29	0.0	0.3	11:29	5.0	4.7	-
11:30	0.0	0.2	11:30	5.0	4.7	-
11:31	0.8	0.3	11:31	5.0	4.7	-
11:32	0.0	0.3	11:32	4.5	4.7	-
11:33	0.0	0.3	11:33	4.5	4.7	-
11:34	0.0	0.3	11:34	4.0	4.7	-
11:35	0.0	0.3	11:35	4.0	4.6	-
11:36	0.0	0.3	11:36	4.0	4.5	-
11:37	0.0	0.2	11:37	4.0	4.5	-
11:38	0.0	0.2	11:38	4.0	4.5	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:39	0.0	0.2	11:39	4.8	4.5	-
11:40	0.0	0.2	11:40	5.0	4.6	-
11:41	0.0	0.2	11:41	4.5	4.6	-
11:42	0.0	0.1	11:42	4.3	4.5	-
11:43	0.0	0.1	11:43	4.0	4.4	-
11:44	0.0	0.1	11:44	4.5	4.4	-
11:45	0.0	0.1	11:45	5.3	4.4	-
11:46	0.0	0.0	11:46	5.5	4.5	-
11:47	0.0	0.0	11:47	4.0	4.4	-
11:48	0.0	0.0	11:48	4.0	4.4	-
11:49	0.0	0.0	11:49	4.3	4.4	-
11:50	0.0	0.0	11:50	5.0	4.5	-
11:51	0.0	0.0	11:51	4.8	4.5	-
11:52	0.0	0.0	11:52	4.0	4.5	-
11:53	0.0	0.0	11:53	4.0	4.5	-
11:54	1.0	0.1	11:54	4.5	4.5	-
11:55	0.0	0.1	11:55	4.5	4.5	-
11:56	0.0	0.1	11:56	4.3	4.5	-
11:57	0.0	0.1	11:57	4.8	4.5	-
11:58	0.0	0.1	11:58	4.0	4.5	-
11:59	0.0	0.1	11:59	4.0	4.5	-
12:00	0.0	0.1	12:00	4.0	4.4	-
12:01	0.0	0.1	12:01	4.0	4.3	-
12:02	0.0	0.1	12:02	4.8	4.3	-
12:03	0.0	0.1	12:03	4.3	4.3	-
12:04	0.0	0.1	12:04	5.5	4.4	-
12:05	0.0	0.1	12:05	5.0	4.4	-
12:06	0.0	0.1	12:06	4.5	4.4	-
12:07	0.3	0.1	12:07	4.0	4.4	-
12:08	0.8	0.1	12:08	5.3	4.5	-
12:09	0.0	0.1	12:09	5.0	4.5	-
12:10	0.0	0.1	12:10	4.0	4.5	-
12:11	0.0	0.1	12:11	4.0	4.5	-
12:12	0.0	0.1	12:12	4.0	4.4	-
12:13	0.0	0.1	12:13	4.0	4.4	-
12:14	0.0	0.1	12:14	4.0	4.4	-
12:15	0.0	0.1	12:15	4.0	4.4	-
12:16	0.0	0.1	12:16	4.5	4.5	-
12:17	0.0	0.1	12:17	4.5	4.4	-
12:18	0.0	0.1	12:18	4.8	4.5	-
12:19	0.0	0.1	12:19	4.8	4.4	-
12:20	0.0	0.1	12:20	4.5	4.4	-
12:21	0.0	0.1	12:21	4.0	4.4	-
12:22	0.0	0.1	12:22	4.0	4.4	-
12:23	0.0	0.0	12:23	4.0	4.3	-
12:24	0.0	0.0	12:24	4.8	4.3	-
12:25	0.0	0.0	12:25	5.0	4.3	-
12:26	0.0	0.0	12:26	4.0	4.3	-
12:27	0.0	0.0	12:27	4.0	4.3	-
12:28	0.0	0.0	12:28	4.0	4.3	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:29	0.0	0.0	12:29	4.8	4.4	-
12:30	0.0	0.0	12:30	4.8	4.4	-
12:31	0.0	0.0	12:31	4.0	4.4	-
12:32	0.0	0.0	12:32	4.8	4.4	-
12:33	0.0	0.0	12:33	4.0	4.4	-
12:34	0.0	0.0	12:34	5.0	4.4	-
12:35	0.0	0.0	12:35	4.5	4.4	-
12:36	0.0	0.0	12:36	4.0	4.4	-
12:37	0.0	0.0	12:37	5.0	4.4	-
12:38	0.0	0.0	12:38	4.0	4.4	-
12:39	0.0	0.0	12:39	5.0	4.5	-
12:40	0.0	0.0	12:40	4.5	4.4	-
12:41	0.0	0.0	12:41	5.0	4.5	-
12:42	0.0	0.0	12:42	4.3	4.5	-
12:43	0.0	0.0	12:43	4.0	4.5	-
12:44	0.0	0.0	12:44	4.0	4.5	-
12:45	0.0	0.0	12:45	4.0	4.4	-
12:46	0.0	0.0	12:46	4.0	4.4	-
12:47	0.0	0.0	12:47	4.0	4.4	-
12:48	1.0	0.1	12:48	4.0	4.4	-
12:49	0.0	0.1	12:49	4.8	4.3	-
12:50	0.0	0.1	12:50	6.8	4.5	-
12:51	0.0	0.1	12:51	4.5	4.5	-
12:52	0.0	0.1	12:52	4.8	4.5	-
12:53	0.0	0.1	12:53	6.0	4.6	-
12:54	0.0	0.1	12:54	5.0	4.6	-
12:55	0.0	0.1	12:55	4.0	4.6	-
12:56	0.0	0.1	12:56	4.0	4.5	-
12:57	0.0	0.1	12:57	4.0	4.5	-
12:58	0.0	0.1	12:58	4.0	4.5	-
12:59	0.0	0.1	12:59	4.8	4.6	-
13:00	0.0	0.1	13:00	4.3	4.6	-
13:01	0.0	0.1	13:01	4.0	4.6	-
13:02	0.0	0.1	13:02	4.0	4.6	-
13:03	0.0	0.0	13:03	4.0	4.6	-
13:04	0.0	0.0	13:04	4.0	4.5	-
13:05	0.0	0.0	13:05	4.0	4.4	-
13:06	0.0	0.0	13:06	4.0	4.3	-
13:07	0.0	0.0	13:07	4.8	4.3	-
13:08	0.0	0.0	13:08	4.3	4.2	-
13:09	0.0	0.0	13:09	4.0	4.1	-
13:10	0.0	0.0	13:10	4.0	4.1	-
13:11	0.0	0.0	13:11	4.5	4.2	-
13:12	0.0	0.0	13:12	4.3	4.2	-
13:13	0.0	0.0	13:13	4.0	4.2	-
13:14	0.0	0.0	13:14	4.0	4.1	-
13:15	0.0	0.0	13:15	4.0	4.1	-
13:16	0.0	0.0	13:16	4.0	4.1	-
13:17	0.0	0.0	13:17	4.5	4.2	-
13:18	0.0	0.0	13:18	4.0	4.2	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
13:19	0.0	0.0	13:19	4.0	4.2	-
13:20	0.0	0.0	13:20	4.0	4.2	-
13:21	0.0	0.0	13:21	3.8	4.1	-
13:22	0.0	0.0	13:22	3.5	4.1	-
13:23	0.0	0.0	13:23	4.0	4.0	-
13:24	0.0	0.0	13:24	4.0	4.0	-
13:25	0.0	0.0	13:25	4.0	4.0	-
13:26	0.0	0.0	13:26	4.0	4.0	-
13:27	0.0	0.0	13:27	4.0	4.0	-
13:28	0.0	0.0	13:28	4.5	4.0	-
13:29	0.0	0.0	13:29	4.0	4.0	-
13:30	0.0	0.0	13:30	4.0	4.0	-
13:31	0.0	0.0	13:31	4.0	4.0	-
13:32	0.0	0.0	13:32	4.0	4.0	-
13:33	0.0	0.0	13:33	4.0	4.0	-
13:34	0.0	0.0	13:34	4.0	4.0	-
13:35	0.0	0.0	13:35	4.0	4.0	-
13:36	0.0	0.0	13:36	4.0	4.0	-
13:37	0.0	0.0	13:37	4.0	4.0	-
13:38	0.0	0.0	13:38	4.0	4.0	-
13:39	0.0	0.0	13:39	4.0	4.0	-
13:40	0.0	0.0	13:40	4.8	4.1	-
13:41	0.0	0.0	13:41	6.0	4.2	-
13:42	0.0	0.0	13:42	4.3	4.2	-
13:43	0.0	0.0	13:43	4.0	4.2	-
13:44	0.0	0.0	13:44	4.0	4.2	-
13:45	0.0	0.0	13:45	4.0	4.2	-
13:46	4.0	0.3	13:46	4.0	4.2	-
13:47	4.0	0.5	13:47	4.0	4.2	-
13:48	4.0	0.8	13:48	4.0	4.2	-
13:49	4.0	1.1	13:49	4.0	4.2	-
13:50	-	-	13:50	-	-	-
13:51	-	-	13:51	-	-	-
13:52	-	-	13:52	-	-	-
13:53	-	-	13:53	-	-	-
13:54	-	-	13:54	-	-	-
13:55	-	-	13:55	-	-	-
13:56	-	-	13:56	-	-	-
13:57	-	-	13:57	-	-	-
13:58	-	-	13:58	-	-	-
13:59	-	-	13:59	-	-	-
14:00	-	-	14:00	-	-	-
14:01	-	-	14:01	-	-	-
14:02	-	-	14:02	-	-	-
14:03	-	-	14:03	-	-	-
14:04	-	-	14:04	-	-	-
14:05	-	-	14:05	-	-	-
14:06	-	-	14:06	-	-	-
14:07	-	-	14:07	-	-	-
14:08	-	-	14:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:09	-	-	14:09	-	-	-
14:10	-	-	14:10	-	-	-
14:11	-	-	14:11	-	-	-
14:12	-	-	14:12	-	-	-
14:13	-	-	14:13	-	-	-
14:14	-	-	14:14	-	-	-
14:15	-	-	14:15	-	-	-
14:16	-	-	14:16	-	-	-
14:17	-	-	14:17	-	-	-
14:18	-	-	14:18	-	-	-
14:19	-	-	14:19	-	-	-
14:20	-	-	14:20	-	-	-
14:21	-	-	14:21	-	-	-
14:22	-	-	14:22	-	-	-
14:23	-	-	14:23	-	-	-
14:24	-	-	14:24	-	-	-
14:25	-	-	14:25	-	-	-
14:26	-	-	14:26	-	-	-
14:27	-	-	14:27	-	-	-
14:28	-	-	14:28	-	-	-
14:29	-	-	14:29	-	-	-
14:30	-	-	14:30	-	-	-
14:31	-	-	14:31	-	-	-
14:32	-	-	14:32	-	-	-
14:33	-	-	14:33	-	-	-
14:34	-	-	14:34	-	-	-
14:35	-	-	14:35	-	-	-
14:36	-	-	14:36	-	-	-
14:37	-	-	14:37	-	-	-
14:38	-	-	14:38	-	-	-
14:39	-	-	14:39	-	-	-
14:40	-	-	14:40	-	-	-
14:41	-	-	14:41	-	-	-
14:42	-	-	14:42	-	-	-
14:43	-	-	14:43	-	-	-
14:44	-	-	14:44	-	-	-
14:45	-	-	14:45	-	-	-
14:46	-	-	14:46	-	-	-
14:47	-	-	14:47	-	-	-
14:48	-	-	14:48	-	-	-
14:49	-	-	14:49	-	-	-
14:50	-	-	14:50	-	-	-
14:51	-	-	14:51	-	-	-
14:52	-	-	14:52	-	-	-
14:53	-	-	14:53	-	-	-
14:54	-	-	14:54	-	-	-
14:55	-	-	14:55	-	-	-
14:56	-	-	14:56	-	-	-
14:57	-	-	14:57	-	-	-
14:58	-	-	14:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:59	-	-	14:59	-	-	-
15:00	-	-	15:00	-	-	-
15:01	-	-	15:01	-	-	-
15:02	-	-	15:02	-	-	-
15:03	-	-	15:03	-	-	-
15:04	-	-	15:04	-	-	-
15:05	-	-	15:05	-	-	-
15:06	-	-	15:06	-	-	-
15:07	-	-	15:07	-	-	-
15:08	-	-	15:08	-	-	-
15:09	-	-	15:09	-	-	-
15:10	-	-	15:10	-	-	-
15:11	-	-	15:11	-	-	-
15:12	-	-	15:12	-	-	-
15:13	-	-	15:13	-	-	-
15:14	-	-	15:14	-	-	-
15:15	-	-	15:15	-	-	-
15:16	-	-	15:16	-	-	-
15:17	-	-	15:17	-	-	-
15:18	-	-	15:18	-	-	-
15:19	-	-	15:19	-	-	-
15:20	-	-	15:20	-	-	-
15:21	-	-	15:21	-	-	-
15:22	-	-	15:22	-	-	-
15:23	-	-	15:23	-	-	-
15:24	-	-	15:24	-	-	-
15:25	-	-	15:25	-	-	-
15:26	-	-	15:26	-	-	-
15:27	-	-	15:27	-	-	-
15:28	-	-	15:28	-	-	-
15:29	-	-	15:29	-	-	-
15:30	-	-	15:30	-	-	-
15:31	-	-	15:31	-	-	-
15:32	-	-	15:32	-	-	-
15:33	-	-	15:33	-	-	-
15:34	-	-	15:34	-	-	-
15:35	-	-	15:35	-	-	-
15:36	-	-	15:36	-	-	-
15:37	-	-	15:37	-	-	-
15:38	-	-	15:38	-	-	-
15:39	-	-	15:39	-	-	-
15:40	-	-	15:40	-	-	-
15:41	-	-	15:41	-	-	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

Wednesday, October 29, 2025						
					Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =	0
					Number of Comparable Data Points =	281
					Start Time:	8:49
					End Time:	13:49
PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	-
7:23	-	-	7:23	-	-	-
7:24	-	-	7:24	-	-	-
7:25	-	-	7:25	-	-	-
7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	-
7:28	-	-	7:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
7:29	-	-	7:29	-	-	-
7:30	-	-	7:30	-	-	-
7:31	-	-	7:31	-	-	-
7:32	-	-	7:32	-	-	-
7:33	-	-	7:33	-	-	-
7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	-
7:36	-	-	7:36	-	-	-
7:37	-	-	7:37	-	-	-
7:38	-	-	7:38	-	-	-
7:39	-	-	7:39	-	-	-
7:40	-	-	7:40	-	-	-
7:41	-	-	7:41	-	-	-
7:42	-	-	7:42	-	-	-
7:43	-	-	7:43	-	-	-
7:44	-	-	7:44	-	-	-
7:45	-	-	7:45	-	-	-
7:46	-	-	7:46	-	-	-
7:47	-	-	7:47	-	-	-
7:48	-	-	7:48	-	-	-
7:49	-	-	7:49	-	-	-
7:50	-	-	7:50	-	-	-
7:51	-	-	7:51	-	-	-
7:52	-	-	7:52	-	-	-
7:53	-	-	7:53	-	-	-
7:54	-	-	7:54	-	-	-
7:55	-	-	7:55	-	-	-
7:56	-	-	7:56	-	-	-
7:57	-	-	7:57	-	-	-
7:58	-	-	7:58	-	-	-
7:59	-	-	7:59	-	-	-
8:00	-	-	8:00	-	-	-
8:01	-	-	8:01	-	-	-
8:02	-	-	8:02	-	-	-
8:03	-	-	8:03	-	-	-
8:04	-	-	8:04	-	-	-
8:05	-	-	8:05	-	-	-
8:06	-	-	8:06	-	-	-
8:07	-	-	8:07	-	-	-
8:08	-	-	8:08	-	-	-
8:09	-	-	8:09	-	-	-
8:10	-	-	8:10	-	-	-
8:11	-	-	8:11	-	-	-
8:12	-	-	8:12	-	-	-
8:13	-	-	8:13	-	-	-
8:14	-	-	8:14	-	-	-
8:15	-	-	8:15	-	-	-
8:16	-	-	8:16	-	-	-
8:17	-	-	8:17	-	-	-
8:18	-	-	8:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
8:19	-	-	8:19	-	-	-
8:20	-	-	8:20	-	-	-
8:21	-	-	8:21	-	-	-
8:22	-	-	8:22	-	-	-
8:23	-	-	8:23	-	-	-
8:24	-	-	8:24	-	-	-
8:25	-	-	8:25	-	-	-
8:26	-	-	8:26	-	-	-
8:27	-	-	8:27	-	-	-
8:28	-	-	8:28	-	-	-
8:29	-	-	8:29	-	-	-
8:30	-	-	8:30	-	-	-
8:31	-	-	8:31	-	-	-
8:32	-	-	8:32	-	-	-
8:33	-	-	8:33	-	-	-
8:34	-	-	8:34	-	-	-
8:35	-	-	8:35	-	-	-
8:36	-	-	8:36	-	-	-
8:37	-	-	8:37	-	-	-
8:38	-	-	8:38	-	-	-
8:39	-	-	8:39	-	-	-
8:40	-	-	8:40	-	-	-
8:41	-	-	8:41	-	-	-
8:42	-	-	8:42	-	-	-
8:43	-	-	8:43	-	-	-
8:44	-	-	8:44	-	-	-
8:45	-	-	8:45	-	-	-
8:46	-	-	8:46	-	-	-
8:47	-	-	8:47	-	-	-
8:48	-	-	8:48	-	-	-
8:49	0.0	-	8:49	-	-	-
8:50	0.0	-	8:50	-	-	-
8:51	0.0	-	8:51	-	-	-
8:52	0.0	-	8:52	-	-	-
8:53	0.0	-	8:53	-	-	-
8:54	0.0	-	8:54	0.0	-	-
8:55	0.0	-	8:55	0.0	-	-
8:56	0.0	-	8:56	0.0	-	-
8:57	0.0	-	8:57	0.0	-	-
8:58	0.0	-	8:58	0.0	-	-
8:59	0.0	-	8:59	0.0	-	-
9:00	0.0	-	9:00	0.0	-	-
9:01	0.0	-	9:01	0.0	-	-
9:02	0.0	-	9:02	0.0	-	-
9:03	0.0	-	9:03	0.0	-	-
9:04	0.0	0.0	9:04	0.0	-	-
9:05	0.0	0.0	9:05	0.0	-	-
9:06	0.0	0.0	9:06	0.0	-	-
9:07	0.0	0.0	9:07	0.0	-	-
9:08	0.0	0.0	9:08	0.0	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	-	-	13:50	-	-	-
13:51	-	-	13:51	-	-	-
13:52	-	-	13:52	-	-	-
13:53	-	-	13:53	-	-	-
13:54	-	-	13:54	-	-	-
13:55	-	-	13:55	-	-	-
13:56	-	-	13:56	-	-	-
13:57	-	-	13:57	-	-	-
13:58	-	-	13:58	-	-	-
13:59	-	-	13:59	-	-	-
14:00	-	-	14:00	-	-	-
14:01	-	-	14:01	-	-	-
14:02	-	-	14:02	-	-	-
14:03	-	-	14:03	-	-	-
14:04	-	-	14:04	-	-	-
14:05	-	-	14:05	-	-	-
14:06	-	-	14:06	-	-	-
14:07	-	-	14:07	-	-	-
14:08	-	-	14:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:09	-	-	14:09	-	-	-
14:10	-	-	14:10	-	-	-
14:11	-	-	14:11	-	-	-
14:12	-	-	14:12	-	-	-
14:13	-	-	14:13	-	-	-
14:14	-	-	14:14	-	-	-
14:15	-	-	14:15	-	-	-
14:16	-	-	14:16	-	-	-
14:17	-	-	14:17	-	-	-
14:18	-	-	14:18	-	-	-
14:19	-	-	14:19	-	-	-
14:20	-	-	14:20	-	-	-
14:21	-	-	14:21	-	-	-
14:22	-	-	14:22	-	-	-
14:23	-	-	14:23	-	-	-
14:24	-	-	14:24	-	-	-
14:25	-	-	14:25	-	-	-
14:26	-	-	14:26	-	-	-
14:27	-	-	14:27	-	-	-
14:28	-	-	14:28	-	-	-
14:29	-	-	14:29	-	-	-
14:30	-	-	14:30	-	-	-
14:31	-	-	14:31	-	-	-
14:32	-	-	14:32	-	-	-
14:33	-	-	14:33	-	-	-
14:34	-	-	14:34	-	-	-
14:35	-	-	14:35	-	-	-
14:36	-	-	14:36	-	-	-
14:37	-	-	14:37	-	-	-
14:38	-	-	14:38	-	-	-
14:39	-	-	14:39	-	-	-
14:40	-	-	14:40	-	-	-
14:41	-	-	14:41	-	-	-
14:42	-	-	14:42	-	-	-
14:43	-	-	14:43	-	-	-
14:44	-	-	14:44	-	-	-
14:45	-	-	14:45	-	-	-
14:46	-	-	14:46	-	-	-
14:47	-	-	14:47	-	-	-
14:48	-	-	14:48	-	-	-
14:49	-	-	14:49	-	-	-
14:50	-	-	14:50	-	-	-
14:51	-	-	14:51	-	-	-
14:52	-	-	14:52	-	-	-
14:53	-	-	14:53	-	-	-
14:54	-	-	14:54	-	-	-
14:55	-	-	14:55	-	-	-
14:56	-	-	14:56	-	-	-
14:57	-	-	14:57	-	-	-
14:58	-	-	14:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:59	-	-	14:59	-	-	-
15:00	-	-	15:00	-	-	-
15:01	-	-	15:01	-	-	-
15:02	-	-	15:02	-	-	-
15:03	-	-	15:03	-	-	-
15:04	-	-	15:04	-	-	-
15:05	-	-	15:05	-	-	-
15:06	-	-	15:06	-	-	-
15:07	-	-	15:07	-	-	-
15:08	-	-	15:08	-	-	-
15:09	-	-	15:09	-	-	-
15:10	-	-	15:10	-	-	-
15:11	-	-	15:11	-	-	-
15:12	-	-	15:12	-	-	-
15:13	-	-	15:13	-	-	-
15:14	-	-	15:14	-	-	-
15:15	-	-	15:15	-	-	-
15:16	-	-	15:16	-	-	-
15:17	-	-	15:17	-	-	-
15:18	-	-	15:18	-	-	-
15:19	-	-	15:19	-	-	-
15:20	-	-	15:20	-	-	-
15:21	-	-	15:21	-	-	-
15:22	-	-	15:22	-	-	-
15:23	-	-	15:23	-	-	-
15:24	-	-	15:24	-	-	-
15:25	-	-	15:25	-	-	-
15:26	-	-	15:26	-	-	-
15:27	-	-	15:27	-	-	-
15:28	-	-	15:28	-	-	-
15:29	-	-	15:29	-	-	-
15:30	-	-	15:30	-	-	-
15:31	-	-	15:31	-	-	-
15:32	-	-	15:32	-	-	-
15:33	-	-	15:33	-	-	-
15:34	-	-	15:34	-	-	-
15:35	-	-	15:35	-	-	-
15:36	-	-	15:36	-	-	-
15:37	-	-	15:37	-	-	-
15:38	-	-	15:38	-	-	-
15:39	-	-	15:39	-	-	-
15:40	-	-	15:40	-	-	-
15:41	-	-	15:41	-	-	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

GALLAGHER BASSETT | TECHNICAL SERVICES

22 IBM Road, Suite 101, Poughkeepsie, NY 12601

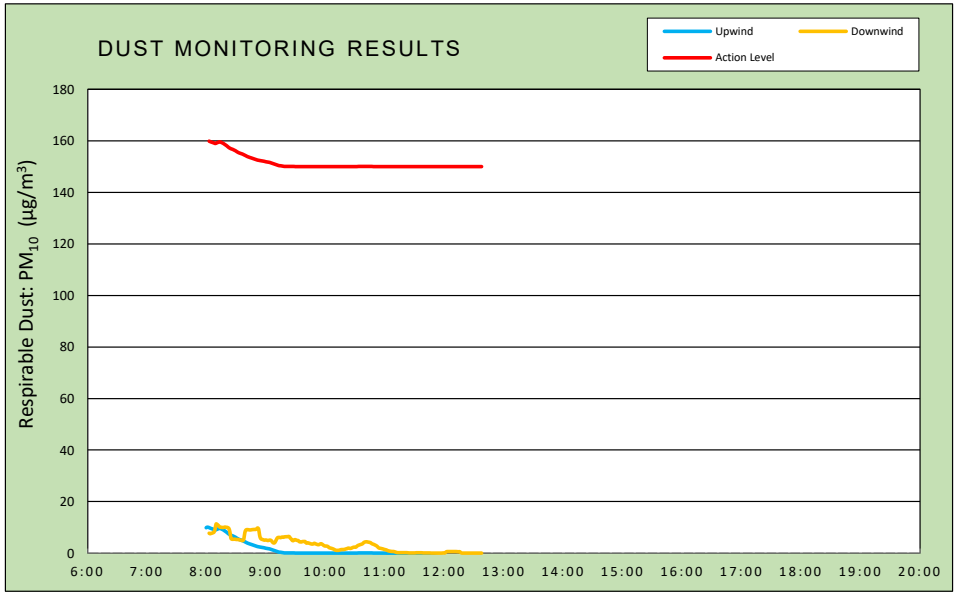
DAILY AIR MONITORING REPORT
140 Montgomery Street
Newburgh, New York

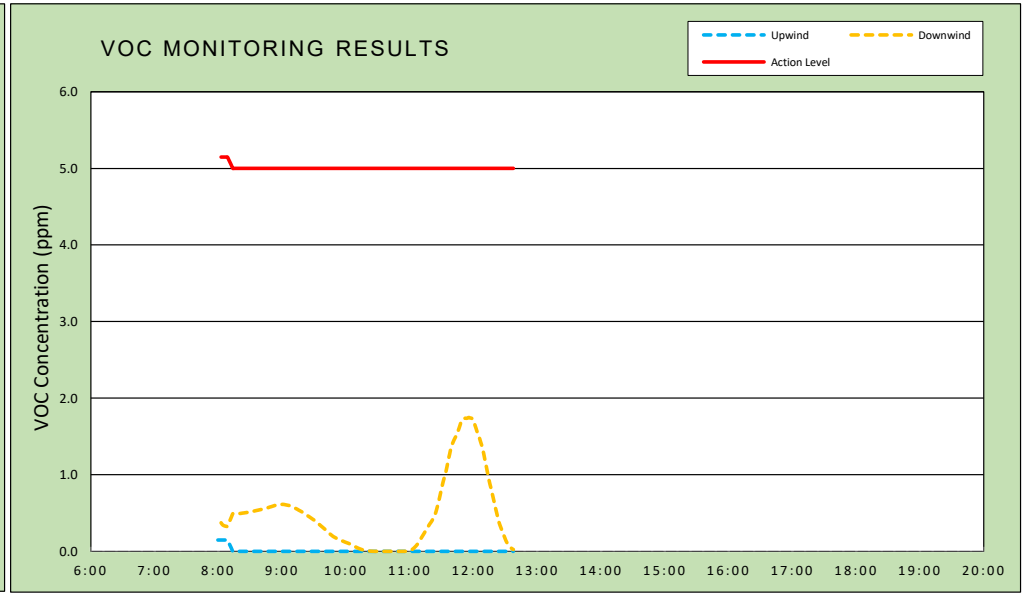
10/30/2025

Rev. No. 0	Page 1 of 2
Project Number:	
Dust Action Level	150 µg/m^3
VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	84.0 - 97.0	Daily Rain Total (in)	0.12	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	47.0 - 56.0	Wind Speed (MPH)	2.4 - 9.8	Barometer (inHg)	29.70 - 30.00	Avg. Dew Point Temp (°F)	47.7	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	1.2	10.1	8:01	0.0	0.1	8:00
Downwind	3.3	11.3	8:10	0.5	1.7	10:31



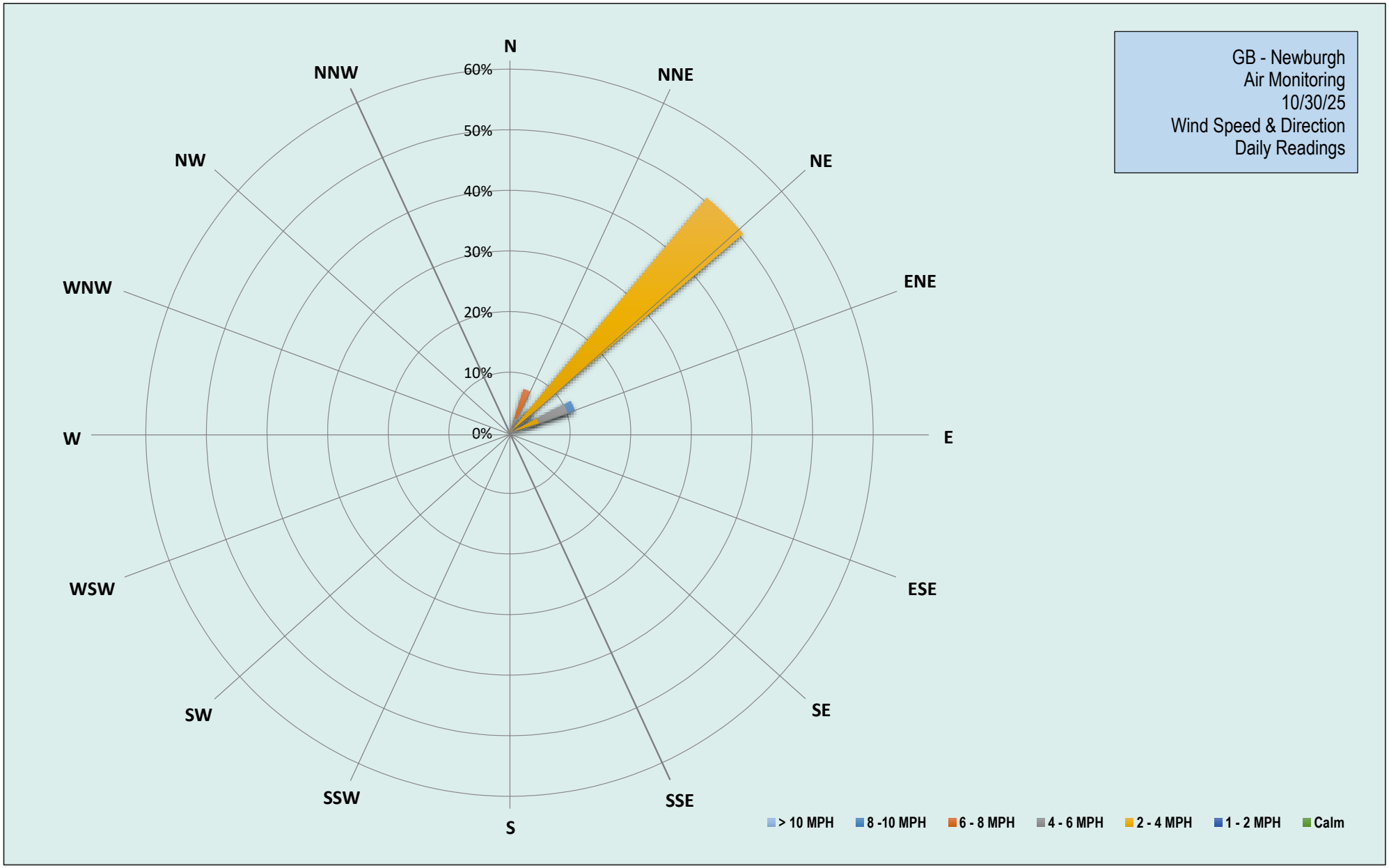


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

Thursday, October 30, 2025						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						276
Start Time:						7:45
End Time:						12:38
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	-
7:23	-	-	7:23	-	-	-
7:24	-	-	7:24	-	-	-
7:25	-	-	7:25	-	-	-
7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	-
7:28	-	-	7:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
7:29	-	-	7:29	-	-	-
7:30	-	-	7:30	-	-	-
7:31	-	-	7:31	-	-	-
7:32	-	-	7:32	-	-	-
7:33	-	-	7:33	-	-	-
7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	-
7:36	-	-	7:36	-	-	-
7:37	-	-	7:37	-	-	-
7:38	-	-	7:38	-	-	-
7:39	-	-	7:39	-	-	-
7:40	-	-	7:40	-	-	-
7:41	-	-	7:41	-	-	-
7:42	-	-	7:42	-	-	-
7:43	-	-	7:43	-	-	-
7:44	-	-	7:44	-	-	-
7:45	0.0	-	7:45	-	-	-
7:46	7.8	-	7:46	-	-	-
7:47	10.5	-	7:47	-	-	-
7:48	12.8	-	7:48	5.0	-	-
7:49	13.0	-	7:49	7.8	-	-
7:50	12.3	-	7:50	6.5	-	-
7:51	12.3	-	7:51	5.5	-	-
7:52	13.0	-	7:52	5.0	-	-
7:53	12.5	-	7:53	6.0	-	-
7:54	12.0	-	7:54	7.5	-	-
7:55	7.8	-	7:55	12.0	-	-
7:56	5.3	-	7:56	12.0	-	-
7:57	5.8	-	7:57	11.0	-	-
7:58	6.0	-	7:58	11.5	-	-
7:59	6.0	-	7:59	11.0	-	-
8:00	11.0	9.9	8:00	5.5	-	-
8:01	10.8	10.1	8:01	5.3	-	-
8:02	10.0	10.0	8:02	5.0	-	-
8:03	10.8	9.9	8:03	4.3	7.7	-
8:04	10.3	9.7	8:04	4.8	7.5	-
8:05	10.0	9.6	8:05	8.5	7.7	-
8:06	10.3	9.4	8:06	7.0	7.8	-
8:07	11.0	9.3	8:07	7.5	7.9	-
8:08	10.5	9.2	8:08	10.0	8.2	-
8:09	9.5	9.0	8:09	25.8	9.4	-
8:10	9.0	9.1	8:10	40.3	11.3	-
8:11	8.0	9.3	8:11	10.0	11.2	-
8:12	8.0	9.4	8:12	6.0	10.8	-
8:13	8.0	9.5	8:13	5.5	10.4	-
8:14	7.8	9.7	8:14	5.5	10.1	-
8:15	7.8	9.4	8:15	5.0	10.0	-
8:16	8.0	9.3	8:16	4.8	10.0	-
8:17	7.3	9.1	8:17	4.0	9.9	-
8:18	7.0	8.8	8:18	5.5	10.0	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:19	6.3	8.6	8:19	6.3	10.1	-
8:20	6.0	8.3	8:20	7.3	10.0	-
8:21	6.0	8.0	8:21	6.8	10.0	-
8:22	6.0	7.7	8:22	5.3	9.9	-
8:23	6.0	7.4	8:23	5.0	9.5	-
8:24	6.0	7.1	8:24	5.0	8.1	-
8:25	6.0	6.9	8:25	4.3	5.7	-
8:26	6.0	6.8	8:26	5.0	5.4	-
8:27	5.8	6.7	8:27	5.5	5.4	-
8:28	5.0	6.5	8:28	5.8	5.4	-
8:29	5.0	6.3	8:29	5.5	5.4	-
8:30	4.5	6.1	8:30	4.0	5.3	-
8:31	4.0	5.8	8:31	4.0	5.3	-
8:32	4.0	5.6	8:32	4.3	5.3	-
8:33	4.0	5.4	8:33	4.0	5.2	-
8:34	4.0	5.2	8:34	5.0	5.1	-
8:35	4.0	5.1	8:35	5.8	5.0	-
8:36	4.0	5.0	8:36	5.0	4.9	-
8:37	3.8	4.8	8:37	5.0	4.9	-
8:38	3.0	4.6	8:38	14.0	5.5	-
8:39	3.3	4.4	8:39	41.0	7.9	-
8:40	3.0	4.2	8:40	20.0	8.9	-
8:41	3.0	4.0	8:41	7.8	9.1	-
8:42	3.0	3.8	8:42	5.5	9.1	-
8:43	3.0	3.7	8:43	5.0	9.1	-
8:44	2.8	3.6	8:44	4.5	9.0	-
8:45	2.8	3.4	8:45	4.3	9.0	-
8:46	2.0	3.3	8:46	5.3	9.1	-
8:47	2.0	3.2	8:47	5.0	9.1	-
8:48	2.0	3.0	8:48	4.5	9.2	-
8:49	2.0	2.9	8:49	5.3	9.2	-
8:50	2.0	2.8	8:50	5.8	9.2	-
8:51	2.0	2.6	8:51	8.8	9.4	-
8:52	2.0	2.5	8:52	10.0	9.8	-
8:53	2.0	2.5	8:53	6.5	9.3	-
8:54	2.0	2.4	8:54	4.0	6.8	-
8:55	2.0	2.3	8:55	3.3	5.7	-
8:56	2.0	2.2	8:56	3.5	5.4	-
8:57	2.0	2.2	8:57	3.3	5.3	-
8:58	2.0	2.1	8:58	3.0	5.1	-
8:59	1.5	2.0	8:59	3.0	5.0	-
9:00	1.0	1.9	9:00	5.3	5.1	-
9:01	1.0	1.8	9:01	4.5	5.0	-
9:02	1.0	1.8	9:02	3.0	4.9	-
9:03	1.0	1.7	9:03	5.0	4.9	-
9:04	1.0	1.6	9:04	6.8	5.0	-
9:05	0.0	1.5	9:05	5.3	5.0	-
9:06	0.0	1.4	9:06	4.5	4.7	-
9:07	0.0	1.2	9:07	2.8	4.2	-
9:08	0.0	1.1	9:08	2.3	4.0	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:09	0.0	1.0	9:09	4.5	4.0	-
9:10	0.0	0.8	9:10	11.5	4.5	-
9:11	0.0	0.7	9:11	15.8	5.4	-
9:12	0.0	0.6	9:12	12.3	6.0	-
9:13	0.0	0.4	9:13	5.0	6.1	-
9:14	0.3	0.4	9:14	3.0	6.1	-
9:15	0.8	0.3	9:15	3.8	6.0	-
9:16	0.0	0.3	9:16	6.8	6.1	-
9:17	0.0	0.2	9:17	4.5	6.2	-
9:18	0.0	0.1	9:18	3.5	6.1	-
9:19	0.0	0.1	9:19	9.3	6.3	-
9:20	0.0	0.1	9:20	5.8	6.3	-
9:21	0.0	0.1	9:21	5.0	6.4	-
9:22	0.0	0.1	9:22	2.8	6.4	-
9:23	0.0	0.1	9:23	3.5	6.5	-
9:24	0.0	0.1	9:24	3.0	6.4	-
9:25	0.0	0.1	9:25	3.0	5.8	-
9:26	0.0	0.1	9:26	10.0	5.4	-
9:27	0.0	0.1	9:27	4.5	4.9	-
9:28	0.0	0.1	9:28	4.3	4.8	-
9:29	0.0	0.1	9:29	7.5	5.1	-
9:30	0.0	0.0	9:30	5.0	5.2	-
9:31	0.0	0.0	9:31	3.8	5.0	-
9:32	0.0	0.0	9:32	3.0	4.9	-
9:33	0.0	0.0	9:33	2.5	4.9	-
9:34	0.0	0.0	9:34	3.0	4.4	-
9:35	0.0	0.0	9:35	4.8	4.4	-
9:36	0.0	0.0	9:36	4.3	4.3	-
9:37	0.0	0.0	9:37	4.8	4.5	-
9:38	0.0	0.0	9:38	4.3	4.5	-
9:39	0.0	0.0	9:39	3.0	4.5	-
9:40	0.0	0.0	9:40	2.3	4.5	-
9:41	0.0	0.0	9:41	2.0	3.9	-
9:42	0.0	0.0	9:42	4.3	3.9	-
9:43	0.0	0.0	9:43	5.3	4.0	-
9:44	0.0	0.0	9:44	5.3	3.8	-
9:45	0.0	0.0	9:45	3.0	3.7	-
9:46	0.0	0.0	9:46	2.0	3.6	-
9:47	0.0	0.0	9:47	2.0	3.5	-
9:48	0.0	0.0	9:48	3.5	3.6	-
9:49	0.0	0.0	9:49	6.5	3.8	-
9:50	0.0	0.0	9:50	3.0	3.7	-
9:51	0.0	0.0	9:51	1.5	3.5	-
9:52	0.0	0.0	9:52	2.8	3.4	-
9:53	0.0	0.0	9:53	2.8	3.3	-
9:54	0.0	0.0	9:54	3.8	3.3	-
9:55	0.0	0.0	9:55	5.5	3.5	-
9:56	0.0	0.0	9:56	3.5	3.6	-
9:57	0.0	0.0	9:57	1.5	3.5	-
9:58	0.0	0.0	9:58	1.0	3.2	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:59	0.0	0.0	9:59	1.0	2.9	-
10:00	0.0	0.0	10:00	1.0	2.8	-
10:01	0.0	0.0	10:01	1.8	2.7	-
10:02	0.0	0.0	10:02	1.3	2.7	-
10:03	0.0	0.0	10:03	1.0	2.5	-
10:04	0.0	0.0	10:04	1.0	2.2	-
10:05	0.0	0.0	10:05	0.8	2.0	-
10:06	0.0	0.0	10:06	0.0	1.9	-
10:07	0.0	0.0	10:07	1.0	1.8	-
10:08	0.0	0.0	10:08	0.5	1.6	-
10:09	0.0	0.0	10:09	1.3	1.5	-
10:10	0.0	0.0	10:10	2.3	1.3	-
10:11	0.0	0.0	10:11	1.3	1.1	-
10:12	0.0	0.0	10:12	1.0	1.1	-
10:13	0.0	0.0	10:13	1.0	1.1	-
10:14	0.0	0.0	10:14	1.5	1.1	-
10:15	0.0	0.0	10:15	2.8	1.2	-
10:16	0.0	0.0	10:16	3.5	1.3	-
10:17	0.0	0.0	10:17	2.0	1.4	-
10:18	0.0	0.0	10:18	1.0	1.4	-
10:19	0.0	0.0	10:19	1.3	1.4	-
10:20	0.0	0.0	10:20	2.0	1.5	-
10:21	0.0	0.0	10:21	2.0	1.6	-
10:22	0.0	0.0	10:22	2.4	1.7	-
10:23	0.0	0.0	10:23	3.2	1.9	-
10:24	0.0	0.0	10:24	1.6	1.9	-
10:25	0.0	0.0	10:25	1.0	1.8	-
10:26	0.0	0.0	10:26	1.4	1.8	-
10:27	0.0	0.0	10:27	3.2	2.0	-
10:28	0.0	0.0	10:28	3.8	2.2	-
10:29	0.0	0.0	10:29	3.2	2.3	-
10:30	0.0	0.0	10:30	3.2	2.3	-
10:31	0.0	0.0	10:31	3.2	2.3	-
10:32	0.0	0.0	10:32	6.6	2.6	-
10:33	0.5	0.0	10:33	5.6	2.9	-
10:34	0.5	0.1	10:34	3.8	3.1	-
10:35	0.0	0.1	10:35	4.2	3.2	-
10:36	0.0	0.1	10:36	4.0	3.4	-
10:37	0.0	0.1	10:37	4.2	3.5	-
10:38	0.0	0.1	10:38	6.2	3.7	-
10:39	0.0	0.1	10:39	7.4	4.1	-
10:40	0.0	0.1	10:40	4.2	4.3	-
10:41	0.0	0.1	10:41	2.6	4.4	-
10:42	0.0	0.1	10:42	3.6	4.4	-
10:43	0.0	0.1	10:43	2.6	4.3	-
10:44	0.0	0.1	10:44	2.2	4.2	-
10:45	0.0	0.1	10:45	1.8	4.1	-
10:46	0.0	0.1	10:46	1.4	4.0	-
10:47	0.0	0.1	10:47	1.8	3.7	-
10:48	0.0	0.0	10:48	2.8	3.5	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
10:49	0.0	0.0	10:49	2.0	3.4	-
10:50	0.0	0.0	10:50	1.4	3.2	-
10:51	0.0	0.0	10:51	1.0	3.0	-
10:52	0.0	0.0	10:52	1.0	2.8	-
10:53	0.0	0.0	10:53	1.0	2.5	-
10:54	0.0	0.0	10:54	1.6	2.1	-
10:55	0.0	0.0	10:55	1.8	1.9	-
10:56	0.0	0.0	10:56	1.8	1.9	-
10:57	0.0	0.0	10:57	2.0	1.7	-
10:58	0.0	0.0	10:58	1.4	1.7	-
10:59	0.0	0.0	10:59	0.2	1.5	-
11:00	0.0	0.0	11:00	0.0	1.4	-
11:01	0.0	0.0	11:01	0.0	1.3	-
11:02	-0.3	0.0	11:02	0.0	1.2	-
11:03	0.0	0.0	11:03	0.0	1.0	-
11:04	0.0	0.0	11:04	0.0	0.9	-
11:05	0.0	0.0	11:05	0.0	0.8	-
11:06	0.0	0.0	11:06	0.0	0.7	-
11:07	0.0	0.0	11:07	0.0	0.7	-
11:08	0.0	0.0	11:08	0.6	0.6	-
11:09	0.0	0.0	11:09	1.6	0.6	-
11:10	0.0	0.0	11:10	0.4	0.5	-
11:11	0.0	0.0	11:11	0.0	0.4	-
11:12	0.0	0.0	11:12	0.0	0.3	-
11:13	0.0	0.0	11:13	0.0	0.2	-
11:14	-0.3	0.0	11:14	0.0	0.2	-
11:15	0.0	0.0	11:15	0.0	0.2	-
11:16	-0.3	-0.1	11:16	0.0	0.2	-
11:17	0.0	0.0	11:17	0.0	0.2	-
11:18	0.0	0.0	11:18	0.0	0.2	-
11:19	0.0	0.0	11:19	0.0	0.2	-
11:20	-0.3	-0.1	11:20	0.0	0.2	-
11:21	-0.5	-0.1	11:21	0.0	0.2	-
11:22	-0.8	-0.1	11:22	0.0	0.2	-
11:23	-1.0	-0.2	11:23	0.2	0.1	-
11:24	-1.0	-0.3	11:24	0.8	0.1	-
11:25	-0.8	-0.3	11:25	0.0	0.1	-
11:26	-1.0	-0.4	11:26	0.0	0.1	-
11:27	-1.0	-0.5	11:27	0.0	0.1	-
11:28	-1.0	-0.5	11:28	0.0	0.1	-
11:29	-1.0	-0.6	11:29	0.0	0.1	-
11:30	-1.0	-0.6	11:30	0.0	0.1	-
11:31	-1.0	-0.7	11:31	0.2	0.1	-
11:32	-0.8	-0.7	11:32	0.8	0.1	-
11:33	0.0	-0.7	11:33	0.0	0.1	-
11:34	-1.0	-0.8	11:34	0.0	0.1	-
11:35	-1.0	-0.9	11:35	0.0	0.1	-
11:36	-1.0	-0.9	11:36	0.0	0.1	-
11:37	-1.0	-0.9	11:37	0.0	0.1	-
11:38	-1.0	-0.9	11:38	0.0	0.1	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:39	-0.8	-0.9	11:39	0.0	0.1	-
11:40	-0.8	-0.9	11:40	0.0	0.1	-
11:41	-0.5	-0.9	11:41	0.0	0.1	-
11:42	0.5	-0.8	11:42	0.0	0.1	-
11:43	-1.0	-0.8	11:43	0.0	0.1	-
11:44	-1.0	-0.8	11:44	0.0	0.1	-
11:45	-1.5	-0.8	11:45	0.0	0.1	-
11:46	-1.0	-0.8	11:46	0.0	0.1	-
11:47	-1.8	-0.9	11:47	0.0	0.0	-
11:48	-1.8	-1.0	11:48	0.0	0.0	-
11:49	-2.0	-1.0	11:49	0.0	0.0	-
11:50	-2.0	-1.1	11:50	0.0	0.0	-
11:51	-2.0	-1.2	11:51	0.0	0.0	-
11:52	-2.0	-1.2	11:52	0.0	0.0	-
11:53	-2.0	-1.3	11:53	0.0	0.0	-
11:54	-2.0	-1.4	11:54	0.0	0.0	-
11:55	-2.0	-1.5	11:55	0.0	0.0	-
11:56	-2.0	-1.6	11:56	0.0	0.0	-
11:57	-2.0	-1.7	11:57	0.0	0.0	-
11:58	-2.0	-1.8	11:58	0.3	0.0	-
11:59	-2.0	-1.9	11:59	0.8	0.1	-
12:00	-2.0	-1.9	12:00	0.0	0.1	-
12:01	-1.8	-2.0	12:01	0.0	0.1	-
12:02	1.3	-1.8	12:02	5.0	0.4	-
12:03	-0.3	-1.7	12:03	2.8	0.6	-
12:04	-1.5	-1.6	12:04	0.3	0.6	-
12:05	-2.0	-1.6	12:05	0.0	0.6	-
12:06	-2.0	-1.6	12:06	0.0	0.6	-
12:07	-2.0	-1.6	12:07	0.0	0.6	-
12:08	-2.0	-1.6	12:08	0.0	0.6	-
12:09	-2.0	-1.6	12:09	0.0	0.6	-
12:10	-2.0	-1.6	12:10	0.0	0.6	-
12:11	-2.0	-1.6	12:11	0.0	0.6	-
12:12	-2.0	-1.6	12:12	0.0	0.6	-
12:13	-2.0	-1.6	12:13	0.0	0.6	-
12:14	-2.0	-1.6	12:14	0.0	0.5	-
12:15	-1.8	-1.6	12:15	0.0	0.5	-
12:16	-2.0	-1.6	12:16	0.0	0.5	-
12:17	-2.0	-1.8	12:17	0.0	0.2	-
12:18	-2.0	-2.0	12:18	0.0	0.0	-
12:19	-2.0	-2.0	12:19	0.0	0.0	-
12:20	-2.0	-2.0	12:20	0.0	0.0	-
12:21	-2.0	-2.0	12:21	0.0	0.0	-
12:22	-2.0	-2.0	12:22	0.0	0.0	-
12:23	-2.0	-2.0	12:23	0.0	0.0	-
12:24	-2.0	-2.0	12:24	0.0	0.0	-
12:25	-1.5	-2.0	12:25	0.0	0.0	-
12:26	-1.8	-1.9	12:26	0.0	0.0	-
12:27	-2.0	-1.9	12:27	0.0	0.0	-
12:28	-1.5	-1.9	12:28	0.0	0.0	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:29	-1.8	-1.9	12:29	0.0	0.0	-
12:30	-2.0	-1.9	12:30	0.0	0.0	-
12:31	-2.0	-1.9	12:31	0.0	0.0	-
12:32	-2.0	-1.9	12:32	0.0	0.0	-
12:33	-2.0	-1.9	12:33	0.0	0.0	-
12:34	-2.0	-1.9	12:34	0.0	0.0	-
12:35	-2.0	-1.9	12:35	0.0	0.0	-
12:36	0.0	-1.8	12:36	0.0	0.0	-
12:37	0.0	-1.6	12:37	0.0	0.0	-
12:38	0.0	-1.5	12:38	0.0	0.0	-
12:39	-	-	12:39	-	-	-
12:40	-	-	12:40	-	-	-
12:41	-	-	12:41	-	-	-
12:42	-	-	12:42	-	-	-
12:43	-	-	12:43	-	-	-
12:44	-	-	12:44	-	-	-
12:45	-	-	12:45	-	-	-
12:46	-	-	12:46	-	-	-
12:47	-	-	12:47	-	-	-
12:48	-	-	12:48	-	-	-
12:49	-	-	12:49	-	-	-
12:50	-	-	12:50	-	-	-
12:51	-	-	12:51	-	-	-
12:52	-	-	12:52	-	-	-
12:53	-	-	12:53	-	-	-
12:54	-	-	12:54	-	-	-
12:55	-	-	12:55	-	-	-
12:56	-	-	12:56	-	-	-
12:57	-	-	12:57	-	-	-
12:58	-	-	12:58	-	-	-
12:59	-	-	12:59	-	-	-
13:00	-	-	13:00	-	-	-
13:01	-	-	13:01	-	-	-
13:02	-	-	13:02	-	-	-
13:03	-	-	13:03	-	-	-
13:04	-	-	13:04	-	-	-
13:05	-	-	13:05	-	-	-
13:06	-	-	13:06	-	-	-
13:07	-	-	13:07	-	-	-
13:08	-	-	13:08	-	-	-
13:09	-	-	13:09	-	-	-
13:10	-	-	13:10	-	-	-
13:11	-	-	13:11	-	-	-
13:12	-	-	13:12	-	-	-
13:13	-	-	13:13	-	-	-
13:14	-	-	13:14	-	-	-
13:15	-	-	13:15	-	-	-
13:16	-	-	13:16	-	-	-
13:17	-	-	13:17	-	-	-
13:18	-	-	13:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
13:19	-	-	13:19	-	-	-
13:20	-	-	13:20	-	-	-
13:21	-	-	13:21	-	-	-
13:22	-	-	13:22	-	-	-
13:23	-	-	13:23	-	-	-
13:24	-	-	13:24	-	-	-
13:25	-	-	13:25	-	-	-
13:26	-	-	13:26	-	-	-
13:27	-	-	13:27	-	-	-
13:28	-	-	13:28	-	-	-
13:29	-	-	13:29	-	-	-
13:30	-	-	13:30	-	-	-
13:31	-	-	13:31	-	-	-
13:32	-	-	13:32	-	-	-
13:33	-	-	13:33	-	-	-
13:34	-	-	13:34	-	-	-
13:35	-	-	13:35	-	-	-
13:36	-	-	13:36	-	-	-
13:37	-	-	13:37	-	-	-
13:38	-	-	13:38	-	-	-
13:39	-	-	13:39	-	-	-
13:40	-	-	13:40	-	-	-
13:41	-	-	13:41	-	-	-
13:42	-	-	13:42	-	-	-
13:43	-	-	13:43	-	-	-
13:44	-	-	13:44	-	-	-
13:45	-	-	13:45	-	-	-
13:46	-	-	13:46	-	-	-
13:47	-	-	13:47	-	-	-
13:48	-	-	13:48	-	-	-
13:49	-	-	13:49	-	-	-
13:50	-	-	13:50	-	-	-
13:51	-	-	13:51	-	-	-
13:52	-	-	13:52	-	-	-
13:53	-	-	13:53	-	-	-
13:54	-	-	13:54	-	-	-
13:55	-	-	13:55	-	-	-
13:56	-	-	13:56	-	-	-
13:57	-	-	13:57	-	-	-
13:58	-	-	13:58	-	-	-
13:59	-	-	13:59	-	-	-
14:00	-	-	14:00	-	-	-
14:01	-	-	14:01	-	-	-
14:02	-	-	14:02	-	-	-
14:03	-	-	14:03	-	-	-
14:04	-	-	14:04	-	-	-
14:05	-	-	14:05	-	-	-
14:06	-	-	14:06	-	-	-
14:07	-	-	14:07	-	-	-
14:08	-	-	14:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:09	-	-	14:09	-	-	-
14:10	-	-	14:10	-	-	-
14:11	-	-	14:11	-	-	-
14:12	-	-	14:12	-	-	-
14:13	-	-	14:13	-	-	-
14:14	-	-	14:14	-	-	-
14:15	-	-	14:15	-	-	-
14:16	-	-	14:16	-	-	-
14:17	-	-	14:17	-	-	-
14:18	-	-	14:18	-	-	-
14:19	-	-	14:19	-	-	-
14:20	-	-	14:20	-	-	-
14:21	-	-	14:21	-	-	-
14:22	-	-	14:22	-	-	-
14:23	-	-	14:23	-	-	-
14:24	-	-	14:24	-	-	-
14:25	-	-	14:25	-	-	-
14:26	-	-	14:26	-	-	-
14:27	-	-	14:27	-	-	-
14:28	-	-	14:28	-	-	-
14:29	-	-	14:29	-	-	-
14:30	-	-	14:30	-	-	-
14:31	-	-	14:31	-	-	-
14:32	-	-	14:32	-	-	-
14:33	-	-	14:33	-	-	-
14:34	-	-	14:34	-	-	-
14:35	-	-	14:35	-	-	-
14:36	-	-	14:36	-	-	-
14:37	-	-	14:37	-	-	-
14:38	-	-	14:38	-	-	-
14:39	-	-	14:39	-	-	-
14:40	-	-	14:40	-	-	-
14:41	-	-	14:41	-	-	-
14:42	-	-	14:42	-	-	-
14:43	-	-	14:43	-	-	-
14:44	-	-	14:44	-	-	-
14:45	-	-	14:45	-	-	-
14:46	-	-	14:46	-	-	-
14:47	-	-	14:47	-	-	-
14:48	-	-	14:48	-	-	-
14:49	-	-	14:49	-	-	-
14:50	-	-	14:50	-	-	-
14:51	-	-	14:51	-	-	-
14:52	-	-	14:52	-	-	-
14:53	-	-	14:53	-	-	-
14:54	-	-	14:54	-	-	-
14:55	-	-	14:55	-	-	-
14:56	-	-	14:56	-	-	-
14:57	-	-	14:57	-	-	-
14:58	-	-	14:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:59	-	-	14:59	-	-	-
15:00	-	-	15:00	-	-	-
15:01	-	-	15:01	-	-	-
15:02	-	-	15:02	-	-	-
15:03	-	-	15:03	-	-	-
15:04	-	-	15:04	-	-	-
15:05	-	-	15:05	-	-	-
15:06	-	-	15:06	-	-	-
15:07	-	-	15:07	-	-	-
15:08	-	-	15:08	-	-	-
15:09	-	-	15:09	-	-	-
15:10	-	-	15:10	-	-	-
15:11	-	-	15:11	-	-	-
15:12	-	-	15:12	-	-	-
15:13	-	-	15:13	-	-	-
15:14	-	-	15:14	-	-	-
15:15	-	-	15:15	-	-	-
15:16	-	-	15:16	-	-	-
15:17	-	-	15:17	-	-	-
15:18	-	-	15:18	-	-	-
15:19	-	-	15:19	-	-	-
15:20	-	-	15:20	-	-	-
15:21	-	-	15:21	-	-	-
15:22	-	-	15:22	-	-	-
15:23	-	-	15:23	-	-	-
15:24	-	-	15:24	-	-	-
15:25	-	-	15:25	-	-	-
15:26	-	-	15:26	-	-	-
15:27	-	-	15:27	-	-	-
15:28	-	-	15:28	-	-	-
15:29	-	-	15:29	-	-	-
15:30	-	-	15:30	-	-	-
15:31	-	-	15:31	-	-	-
15:32	-	-	15:32	-	-	-
15:33	-	-	15:33	-	-	-
15:34	-	-	15:34	-	-	-
15:35	-	-	15:35	-	-	-
15:36	-	-	15:36	-	-	-
15:37	-	-	15:37	-	-	-
15:38	-	-	15:38	-	-	-
15:39	-	-	15:39	-	-	-
15:40	-	-	15:40	-	-	-
15:41	-	-	15:41	-	-	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PARTICULATE DATA						
Upwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-

Thursday, October 30, 2025						
					Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =	0
					Number of Comparable Data Points =	276
					Start Time:	7:45
					End Time:	12:38
PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
6:45	-	-	6:45	-	-	-
6:46	-	-	6:46	-	-	-
6:47	-	-	6:47	-	-	-
6:48	-	-	6:48	-	-	-
6:49	-	-	6:49	-	-	-
6:50	-	-	6:50	-	-	-
6:51	-	-	6:51	-	-	-
6:52	-	-	6:52	-	-	-
6:53	-	-	6:53	-	-	-
6:54	-	-	6:54	-	-	-
6:55	-	-	6:55	-	-	-
6:56	-	-	6:56	-	-	-
6:57	-	-	6:57	-	-	-
6:58	-	-	6:58	-	-	-
6:59	-	-	6:59	-	-	-
7:00	-	-	7:00	-	-	-
7:01	-	-	7:01	-	-	-
7:02	-	-	7:02	-	-	-
7:03	-	-	7:03	-	-	-
7:04	-	-	7:04	-	-	-
7:05	-	-	7:05	-	-	-
7:06	-	-	7:06	-	-	-
7:07	-	-	7:07	-	-	-
7:08	-	-	7:08	-	-	-
7:09	-	-	7:09	-	-	-
7:10	-	-	7:10	-	-	-
7:11	-	-	7:11	-	-	-
7:12	-	-	7:12	-	-	-
7:13	-	-	7:13	-	-	-
7:14	-	-	7:14	-	-	-
7:15	-	-	7:15	-	-	-
7:16	-	-	7:16	-	-	-
7:17	-	-	7:17	-	-	-
7:18	-	-	7:18	-	-	-
7:19	-	-	7:19	-	-	-
7:20	-	-	7:20	-	-	-
7:21	-	-	7:21	-	-	-
7:22	-	-	7:22	-	-	-
7:23	-	-	7:23	-	-	-
7:24	-	-	7:24	-	-	-
7:25	-	-	7:25	-	-	-
7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	-
7:28	-	-	7:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
7:29	-	-	7:29	-	-	-
7:30	-	-	7:30	-	-	-
7:31	-	-	7:31	-	-	-
7:32	-	-	7:32	-	-	-
7:33	-	-	7:33	-	-	-
7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	-
7:36	-	-	7:36	-	-	-
7:37	-	-	7:37	-	-	-
7:38	-	-	7:38	-	-	-
7:39	-	-	7:39	-	-	-
7:40	-	-	7:40	-	-	-
7:41	-	-	7:41	-	-	-
7:42	-	-	7:42	-	-	-
7:43	-	-	7:43	-	-	-
7:44	-	-	7:44	-	-	-
7:45	0.0	-	7:45	-	-	-
7:46	0.0	-	7:46	-	-	-
7:47	0.0	-	7:47	-	-	-
7:48	0.0	-	7:48	0.9	-	-
7:49	0.0	-	7:49	0.8	-	-
7:50	0.0	-	7:50	0.7	-	-
7:51	0.0	-	7:51	0.6	-	-
7:52	0.0	-	7:52	0.6	-	-
7:53	0.0	-	7:53	0.5	-	-
7:54	0.0	-	7:54	0.5	-	-
7:55	0.4	-	7:55	0.0	-	-
7:56	0.4	-	7:56	0.0	-	-
7:57	0.4	-	7:57	0.0	-	-
7:58	0.5	-	7:58	0.0	-	-
7:59	0.5	-	7:59	0.0	-	-
8:00	0.0	0.1	8:00	0.5	-	-
8:01	0.0	0.1	8:01	0.5	-	-
8:02	0.0	0.1	8:02	0.5	-	-
8:03	0.0	0.1	8:03	0.5	0.4	-
8:04	0.0	0.1	8:04	0.5	0.4	-
8:05	0.0	0.1	8:05	0.5	0.3	-
8:06	0.0	0.1	8:06	0.5	0.3	-
8:07	0.0	0.1	8:07	0.5	0.3	-
8:08	0.0	0.1	8:08	0.5	0.3	-
8:09	0.0	0.1	8:09	0.5	0.3	-
8:10	0.0	0.1	8:10	0.5	0.4	-
8:11	0.0	0.1	8:11	0.5	0.4	-
8:12	0.0	0.1	8:12	0.5	0.4	-
8:13	0.0	0.0	8:13	0.5	0.5	-
8:14	0.0	0.0	8:14	0.5	0.5	-
8:15	0.0	0.0	8:15	0.5	0.5	-
8:16	0.0	0.0	8:16	0.5	0.5	-
8:17	0.0	0.0	8:17	0.5	0.5	-
8:18	0.0	0.0	8:18	0.5	0.5	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
8:19	0.0	0.0	8:19	0.5	0.5	-
8:20	0.0	0.0	8:20	0.5	0.5	-
8:21	0.0	0.0	8:21	0.5	0.5	-
8:22	0.0	0.0	8:22	0.5	0.5	-
8:23	0.0	0.0	8:23	0.5	0.5	-
8:24	0.0	0.0	8:24	0.5	0.5	-
8:25	0.0	0.0	8:25	0.5	0.5	-
8:26	0.0	0.0	8:26	0.5	0.5	-
8:27	0.0	0.0	8:27	0.5	0.5	-
8:28	0.0	0.0	8:28	0.5	0.5	-
8:29	0.0	0.0	8:29	0.5	0.5	-
8:30	0.0	0.0	8:30	0.5	0.5	-
8:31	0.0	0.0	8:31	0.5	0.5	-
8:32	0.0	0.0	8:32	0.5	0.5	-
8:33	0.0	0.0	8:33	0.5	0.5	-
8:34	0.0	0.0	8:34	0.5	0.5	-
8:35	0.0	0.0	8:35	0.6	0.5	-
8:36	0.0	0.0	8:36	0.6	0.5	-
8:37	0.0	0.0	8:37	0.6	0.5	-
8:38	0.0	0.0	8:38	0.6	0.5	-
8:39	0.0	0.0	8:39	0.6	0.5	-
8:40	0.0	0.0	8:40	0.6	0.5	-
8:41	0.0	0.0	8:41	0.6	0.5	-
8:42	0.0	0.0	8:42	0.6	0.6	-
8:43	0.0	0.0	8:43	0.6	0.6	-
8:44	0.0	0.0	8:44	0.6	0.6	-
8:45	0.0	0.0	8:45	0.6	0.6	-
8:46	0.0	0.0	8:46	0.6	0.6	-
8:47	0.0	0.0	8:47	0.6	0.6	-
8:48	0.0	0.0	8:48	0.6	0.6	-
8:49	0.0	0.0	8:49	0.6	0.6	-
8:50	0.0	0.0	8:50	0.6	0.6	-
8:51	0.0	0.0	8:51	0.6	0.6	-
8:52	0.0	0.0	8:52	0.6	0.6	-
8:53	0.0	0.0	8:53	0.6	0.6	-
8:54	0.0	0.0	8:54	0.6	0.6	-
8:55	0.0	0.0	8:55	0.6	0.6	-
8:56	0.0	0.0	8:56	0.6	0.6	-
8:57	0.0	0.0	8:57	0.6	0.6	-
8:58	0.0	0.0	8:58	0.6	0.6	-
8:59	0.0	0.0	8:59	0.6	0.6	-
9:00	0.0	0.0	9:00	0.6	0.6	-
9:01	0.0	0.0	9:01	0.6	0.6	-
9:02	0.0	0.0	9:02	0.6	0.6	-
9:03	0.0	0.0	9:03	0.6	0.6	-
9:04	0.0	0.0	9:04	0.6	0.6	-
9:05	0.0	0.0	9:05	0.6	0.6	-
9:06	0.0	0.0	9:06	0.6	0.6	-
9:07	0.0	0.0	9:07	0.6	0.6	-
9:08	0.0	0.0	9:08	0.6	0.6	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:09	0.0	0.0	9:09	0.5	0.6	-
9:10	0.0	0.0	9:10	0.5	0.6	-
9:11	0.0	0.0	9:11	0.5	0.6	-
9:12	0.0	0.0	9:12	0.5	0.6	-
9:13	0.0	0.0	9:13	0.5	0.6	-
9:14	0.0	0.0	9:14	0.5	0.6	-
9:15	0.0	0.0	9:15	0.5	0.5	-
9:16	0.0	0.0	9:16	0.5	0.5	-
9:17	0.0	0.0	9:17	0.5	0.5	-
9:18	0.0	0.0	9:18	0.5	0.5	-
9:19	0.0	0.0	9:19	0.4	0.5	-
9:20	0.0	0.0	9:20	0.4	0.5	-
9:21	0.0	0.0	9:21	0.4	0.5	-
9:22	0.0	0.0	9:22	0.4	0.5	-
9:23	0.0	0.0	9:23	0.4	0.5	-
9:24	0.0	0.0	9:24	0.4	0.5	-
9:25	0.0	0.0	9:25	0.4	0.5	-
9:26	0.0	0.0	9:26	0.4	0.5	-
9:27	0.0	0.0	9:27	0.4	0.4	-
9:28	0.0	0.0	9:28	0.4	0.4	-
9:29	0.0	0.0	9:29	0.4	0.4	-
9:30	0.0	0.0	9:30	0.3	0.4	-
9:31	0.0	0.0	9:31	0.3	0.4	-
9:32	0.0	0.0	9:32	0.3	0.4	-
9:33	0.0	0.0	9:33	0.3	0.4	-
9:34	0.0	0.0	9:34	0.3	0.4	-
9:35	0.0	0.0	9:35	0.3	0.4	-
9:36	0.0	0.0	9:36	0.3	0.3	-
9:37	0.0	0.0	9:37	0.2	0.3	-
9:38	0.0	0.0	9:38	0.2	0.3	-
9:39	0.0	0.0	9:39	0.2	0.3	-
9:40	0.0	0.0	9:40	0.2	0.3	-
9:41	0.0	0.0	9:41	0.2	0.3	-
9:42	0.0	0.0	9:42	0.2	0.3	-
9:43	0.0	0.0	9:43	0.2	0.3	-
9:44	0.0	0.0	9:44	0.2	0.2	-
9:45	0.0	0.0	9:45	0.2	0.2	-
9:46	0.0	0.0	9:46	0.2	0.2	-
9:47	0.0	0.0	9:47	0.2	0.2	-
9:48	0.0	0.0	9:48	0.1	0.2	-
9:49	0.0	0.0	9:49	0.1	0.2	-
9:50	0.0	0.0	9:50	0.1	0.2	-
9:51	0.0	0.0	9:51	0.1	0.2	-
9:52	0.0	0.0	9:52	0.1	0.2	-
9:53	0.0	0.0	9:53	0.1	0.2	-
9:54	0.0	0.0	9:54	0.1	0.2	-
9:55	0.0	0.0	9:55	0.1	0.1	-
9:56	0.0	0.0	9:56	0.1	0.1	-
9:57	0.0	0.0	9:57	0.1	0.1	-
9:58	0.0	0.0	9:58	0.1	0.1	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
9:59	0.0	0.0	9:59	0.1	0.1	-
10:00	0.0	0.0	10:00	0.1	0.1	-
10:01	0.0	0.0	10:01	0.1	0.1	-
10:02	0.0	0.0	10:02	0.1	0.1	-
10:03	0.0	0.0	10:03	0.1	0.1	-
10:04	0.0	0.0	10:04	0.0	0.1	-
10:05	0.0	0.0	10:05	0.0	0.1	-
10:06	0.0	0.0	10:06	0.0	0.1	-
10:07	0.0	0.0	10:07	0.0	0.1	-
10:08	0.0	0.0	10:08	0.0	0.1	-
10:09	0.0	0.0	10:09	0.0	0.1	-
10:10	0.0	0.0	10:10	0.0	0.1	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.1	0.0	-
11:01	0.0	0.0	11:01	0.1	0.0	-
11:02	0.0	0.0	11:02	0.1	0.0	-
11:03	0.0	0.0	11:03	0.1	0.0	-
11:04	0.0	0.0	11:04	0.2	0.0	-
11:05	0.0	0.0	11:05	0.2	0.1	-
11:06	0.0	0.0	11:06	0.2	0.1	-
11:07	0.0	0.0	11:07	0.2	0.1	-
11:08	0.0	0.0	11:08	0.3	0.1	-
11:09	0.0	0.0	11:09	0.3	0.1	-
11:10	0.0	0.0	11:10	0.3	0.1	-
11:11	0.0	0.0	11:11	0.4	0.2	-
11:12	0.0	0.0	11:12	0.4	0.2	-
11:13	0.0	0.0	11:13	0.4	0.2	-
11:14	0.0	0.0	11:14	0.4	0.2	-
11:15	0.0	0.0	11:15	0.4	0.3	-
11:16	0.0	0.0	11:16	0.4	0.3	-
11:17	0.0	0.0	11:17	0.4	0.3	-
11:18	0.0	0.0	11:18	0.5	0.3	-
11:19	0.0	0.0	11:19	0.5	0.4	-
11:20	0.0	0.0	11:20	0.5	0.4	-
11:21	0.0	0.0	11:21	0.5	0.4	-
11:22	0.0	0.0	11:22	0.6	0.4	-
11:23	0.0	0.0	11:23	0.7	0.4	-
11:24	0.0	0.0	11:24	0.8	0.5	-
11:25	0.0	0.0	11:25	0.9	0.5	-
11:26	0.0	0.0	11:26	1.1	0.6	-
11:27	0.0	0.0	11:27	1.2	0.6	-
11:28	0.0	0.0	11:28	1.2	0.7	-
11:29	0.0	0.0	11:29	1.3	0.7	-
11:30	0.0	0.0	11:30	1.4	0.8	-
11:31	0.0	0.0	11:31	1.3	0.9	-
11:32	0.0	0.0	11:32	1.3	0.9	-
11:33	0.0	0.0	11:33	1.2	1.0	-
11:34	0.0	0.0	11:34	1.2	1.0	-
11:35	0.0	0.0	11:35	1.4	1.1	-
11:36	0.0	0.0	11:36	1.5	1.1	-
11:37	0.0	0.0	11:37	1.7	1.2	-
11:38	0.0	0.0	11:38	1.6	1.3	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
11:39	0.0	0.0	11:39	1.7	1.3	-
11:40	0.0	0.0	11:40	1.7	1.4	-
11:41	0.0	0.0	11:41	1.6	1.4	-
11:42	0.0	0.0	11:42	1.7	1.4	-
11:43	0.0	0.0	11:43	1.6	1.5	-
11:44	0.0	0.0	11:44	1.7	1.5	-
11:45	0.0	0.0	11:45	1.8	1.5	-
11:46	0.0	0.0	11:46	1.9	1.6	-
11:47	0.0	0.0	11:47	1.9	1.6	-
11:48	0.0	0.0	11:48	1.9	1.7	-
11:49	0.0	0.0	11:49	1.9	1.7	-
11:50	0.0	0.0	11:50	1.7	1.7	-
11:51	0.0	0.0	11:51	1.7	1.7	-
11:52	0.0	0.0	11:52	1.7	1.7	-
11:53	0.0	0.0	11:53	1.6	1.7	-
11:54	0.0	0.0	11:54	1.7	1.7	-
11:55	0.0	0.0	11:55	1.7	1.7	-
11:56	0.0	0.0	11:56	1.7	1.7	-
11:57	0.0	0.0	11:57	1.6	1.7	-
11:58	0.0	0.0	11:58	1.6	1.7	-
11:59	0.0	0.0	11:59	1.6	1.7	-
12:00	0.0	0.0	12:00	1.6	1.7	-
12:01	0.0	0.0	12:01	1.4	1.7	-
12:02	0.0	0.0	12:02	1.2	1.6	-
12:03	0.0	0.0	12:03	1.2	1.6	-
12:04	0.0	0.0	12:04	1.2	1.6	-
12:05	0.0	0.0	12:05	1.2	1.5	-
12:06	0.0	0.0	12:06	1.1	1.5	-
12:07	0.0	0.0	12:07	1.0	1.4	-
12:08	0.0	0.0	12:08	1.0	1.4	-
12:09	0.0	0.0	12:09	0.9	1.3	-
12:10	0.0	0.0	12:10	0.8	1.3	-
12:11	0.0	0.0	12:11	0.7	1.2	-
12:12	0.0	0.0	12:12	0.6	1.1	-
12:13	0.0	0.0	12:13	0.5	1.1	-
12:14	0.0	0.0	12:14	0.6	1.0	-
12:15	0.0	0.0	12:15	0.6	0.9	-
12:16	0.0	0.0	12:16	0.5	0.9	-
12:17	0.0	0.0	12:17	0.4	0.8	-
12:18	0.0	0.0	12:18	0.3	0.8	-
12:19	0.0	0.0	12:19	0.3	0.7	-
12:20	0.0	0.0	12:20	0.3	0.6	-
12:21	0.0	0.0	12:21	0.2	0.6	-
12:22	0.0	0.0	12:22	0.1	0.5	-
12:23	0.0	0.0	12:23	0.1	0.5	-
12:24	0.0	0.0	12:24	0.1	0.4	-
12:25	0.0	0.0	12:25	0.1	0.4	-
12:26	0.0	0.0	12:26	0.1	0.3	-
12:27	0.0	0.0	12:27	0.0	0.3	-
12:28	0.0	0.0	12:28	0.0	0.2	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
12:29	0.0	0.0	12:29	0.0	0.2	-
12:30	0.0	0.0	12:30	0.0	0.2	-
12:31	0.0	0.0	12:31	0.0	0.1	-
12:32	0.0	0.0	12:32	0.0	0.1	-
12:33	0.0	0.0	12:33	0.0	0.1	-
12:34	0.0	0.0	12:34	0.0	0.1	-
12:35	0.0	0.0	12:35	0.0	0.1	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	-	-	12:39	-	-	-
12:40	-	-	12:40	-	-	-
12:41	-	-	12:41	-	-	-
12:42	-	-	12:42	-	-	-
12:43	-	-	12:43	-	-	-
12:44	-	-	12:44	-	-	-
12:45	-	-	12:45	-	-	-
12:46	-	-	12:46	-	-	-
12:47	-	-	12:47	-	-	-
12:48	-	-	12:48	-	-	-
12:49	-	-	12:49	-	-	-
12:50	-	-	12:50	-	-	-
12:51	-	-	12:51	-	-	-
12:52	-	-	12:52	-	-	-
12:53	-	-	12:53	-	-	-
12:54	-	-	12:54	-	-	-
12:55	-	-	12:55	-	-	-
12:56	-	-	12:56	-	-	-
12:57	-	-	12:57	-	-	-
12:58	-	-	12:58	-	-	-
12:59	-	-	12:59	-	-	-
13:00	-	-	13:00	-	-	-
13:01	-	-	13:01	-	-	-
13:02	-	-	13:02	-	-	-
13:03	-	-	13:03	-	-	-
13:04	-	-	13:04	-	-	-
13:05	-	-	13:05	-	-	-
13:06	-	-	13:06	-	-	-
13:07	-	-	13:07	-	-	-
13:08	-	-	13:08	-	-	-
13:09	-	-	13:09	-	-	-
13:10	-	-	13:10	-	-	-
13:11	-	-	13:11	-	-	-
13:12	-	-	13:12	-	-	-
13:13	-	-	13:13	-	-	-
13:14	-	-	13:14	-	-	-
13:15	-	-	13:15	-	-	-
13:16	-	-	13:16	-	-	-
13:17	-	-	13:17	-	-	-
13:18	-	-	13:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
13:19	-	-	13:19	-	-	-
13:20	-	-	13:20	-	-	-
13:21	-	-	13:21	-	-	-
13:22	-	-	13:22	-	-	-
13:23	-	-	13:23	-	-	-
13:24	-	-	13:24	-	-	-
13:25	-	-	13:25	-	-	-
13:26	-	-	13:26	-	-	-
13:27	-	-	13:27	-	-	-
13:28	-	-	13:28	-	-	-
13:29	-	-	13:29	-	-	-
13:30	-	-	13:30	-	-	-
13:31	-	-	13:31	-	-	-
13:32	-	-	13:32	-	-	-
13:33	-	-	13:33	-	-	-
13:34	-	-	13:34	-	-	-
13:35	-	-	13:35	-	-	-
13:36	-	-	13:36	-	-	-
13:37	-	-	13:37	-	-	-
13:38	-	-	13:38	-	-	-
13:39	-	-	13:39	-	-	-
13:40	-	-	13:40	-	-	-
13:41	-	-	13:41	-	-	-
13:42	-	-	13:42	-	-	-
13:43	-	-	13:43	-	-	-
13:44	-	-	13:44	-	-	-
13:45	-	-	13:45	-	-	-
13:46	-	-	13:46	-	-	-
13:47	-	-	13:47	-	-	-
13:48	-	-	13:48	-	-	-
13:49	-	-	13:49	-	-	-
13:50	-	-	13:50	-	-	-
13:51	-	-	13:51	-	-	-
13:52	-	-	13:52	-	-	-
13:53	-	-	13:53	-	-	-
13:54	-	-	13:54	-	-	-
13:55	-	-	13:55	-	-	-
13:56	-	-	13:56	-	-	-
13:57	-	-	13:57	-	-	-
13:58	-	-	13:58	-	-	-
13:59	-	-	13:59	-	-	-
14:00	-	-	14:00	-	-	-
14:01	-	-	14:01	-	-	-
14:02	-	-	14:02	-	-	-
14:03	-	-	14:03	-	-	-
14:04	-	-	14:04	-	-	-
14:05	-	-	14:05	-	-	-
14:06	-	-	14:06	-	-	-
14:07	-	-	14:07	-	-	-
14:08	-	-	14:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:09	-	-	14:09	-	-	-
14:10	-	-	14:10	-	-	-
14:11	-	-	14:11	-	-	-
14:12	-	-	14:12	-	-	-
14:13	-	-	14:13	-	-	-
14:14	-	-	14:14	-	-	-
14:15	-	-	14:15	-	-	-
14:16	-	-	14:16	-	-	-
14:17	-	-	14:17	-	-	-
14:18	-	-	14:18	-	-	-
14:19	-	-	14:19	-	-	-
14:20	-	-	14:20	-	-	-
14:21	-	-	14:21	-	-	-
14:22	-	-	14:22	-	-	-
14:23	-	-	14:23	-	-	-
14:24	-	-	14:24	-	-	-
14:25	-	-	14:25	-	-	-
14:26	-	-	14:26	-	-	-
14:27	-	-	14:27	-	-	-
14:28	-	-	14:28	-	-	-
14:29	-	-	14:29	-	-	-
14:30	-	-	14:30	-	-	-
14:31	-	-	14:31	-	-	-
14:32	-	-	14:32	-	-	-
14:33	-	-	14:33	-	-	-
14:34	-	-	14:34	-	-	-
14:35	-	-	14:35	-	-	-
14:36	-	-	14:36	-	-	-
14:37	-	-	14:37	-	-	-
14:38	-	-	14:38	-	-	-
14:39	-	-	14:39	-	-	-
14:40	-	-	14:40	-	-	-
14:41	-	-	14:41	-	-	-
14:42	-	-	14:42	-	-	-
14:43	-	-	14:43	-	-	-
14:44	-	-	14:44	-	-	-
14:45	-	-	14:45	-	-	-
14:46	-	-	14:46	-	-	-
14:47	-	-	14:47	-	-	-
14:48	-	-	14:48	-	-	-
14:49	-	-	14:49	-	-	-
14:50	-	-	14:50	-	-	-
14:51	-	-	14:51	-	-	-
14:52	-	-	14:52	-	-	-
14:53	-	-	14:53	-	-	-
14:54	-	-	14:54	-	-	-
14:55	-	-	14:55	-	-	-
14:56	-	-	14:56	-	-	-
14:57	-	-	14:57	-	-	-
14:58	-	-	14:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
14:59	-	-	14:59	-	-	-
15:00	-	-	15:00	-	-	-
15:01	-	-	15:01	-	-	-
15:02	-	-	15:02	-	-	-
15:03	-	-	15:03	-	-	-
15:04	-	-	15:04	-	-	-
15:05	-	-	15:05	-	-	-
15:06	-	-	15:06	-	-	-
15:07	-	-	15:07	-	-	-
15:08	-	-	15:08	-	-	-
15:09	-	-	15:09	-	-	-
15:10	-	-	15:10	-	-	-
15:11	-	-	15:11	-	-	-
15:12	-	-	15:12	-	-	-
15:13	-	-	15:13	-	-	-
15:14	-	-	15:14	-	-	-
15:15	-	-	15:15	-	-	-
15:16	-	-	15:16	-	-	-
15:17	-	-	15:17	-	-	-
15:18	-	-	15:18	-	-	-
15:19	-	-	15:19	-	-	-
15:20	-	-	15:20	-	-	-
15:21	-	-	15:21	-	-	-
15:22	-	-	15:22	-	-	-
15:23	-	-	15:23	-	-	-
15:24	-	-	15:24	-	-	-
15:25	-	-	15:25	-	-	-
15:26	-	-	15:26	-	-	-
15:27	-	-	15:27	-	-	-
15:28	-	-	15:28	-	-	-
15:29	-	-	15:29	-	-	-
15:30	-	-	15:30	-	-	-
15:31	-	-	15:31	-	-	-
15:32	-	-	15:32	-	-	-
15:33	-	-	15:33	-	-	-
15:34	-	-	15:34	-	-	-
15:35	-	-	15:35	-	-	-
15:36	-	-	15:36	-	-	-
15:37	-	-	15:37	-	-	-
15:38	-	-	15:38	-	-	-
15:39	-	-	15:39	-	-	-
15:40	-	-	15:40	-	-	-
15:41	-	-	15:41	-	-	-
15:42	-	-	15:42	-	-	-
15:43	-	-	15:43	-	-	-
15:44	-	-	15:44	-	-	-
15:45	-	-	15:45	-	-	-
15:46	-	-	15:46	-	-	-
15:47	-	-	15:47	-	-	-
15:48	-	-	15:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
15:49	-	-	15:49	-	-	-
15:50	-	-	15:50	-	-	-
15:51	-	-	15:51	-	-	-
15:52	-	-	15:52	-	-	-
15:53	-	-	15:53	-	-	-
15:54	-	-	15:54	-	-	-
15:55	-	-	15:55	-	-	-
15:56	-	-	15:56	-	-	-
15:57	-	-	15:57	-	-	-
15:58	-	-	15:58	-	-	-
15:59	-	-	15:59	-	-	-
16:00	-	-	16:00	-	-	-
16:01	-	-	16:01	-	-	-
16:02	-	-	16:02	-	-	-
16:03	-	-	16:03	-	-	-
16:04	-	-	16:04	-	-	-
16:05	-	-	16:05	-	-	-
16:06	-	-	16:06	-	-	-
16:07	-	-	16:07	-	-	-
16:08	-	-	16:08	-	-	-
16:09	-	-	16:09	-	-	-
16:10	-	-	16:10	-	-	-
16:11	-	-	16:11	-	-	-
16:12	-	-	16:12	-	-	-
16:13	-	-	16:13	-	-	-
16:14	-	-	16:14	-	-	-
16:15	-	-	16:15	-	-	-
16:16	-	-	16:16	-	-	-
16:17	-	-	16:17	-	-	-
16:18	-	-	16:18	-	-	-
16:19	-	-	16:19	-	-	-
16:20	-	-	16:20	-	-	-
16:21	-	-	16:21	-	-	-
16:22	-	-	16:22	-	-	-
16:23	-	-	16:23	-	-	-
16:24	-	-	16:24	-	-	-
16:25	-	-	16:25	-	-	-
16:26	-	-	16:26	-	-	-
16:27	-	-	16:27	-	-	-
16:28	-	-	16:28	-	-	-
16:29	-	-	16:29	-	-	-
16:30	-	-	16:30	-	-	-
16:31	-	-	16:31	-	-	-
16:32	-	-	16:32	-	-	-
16:33	-	-	16:33	-	-	-
16:34	-	-	16:34	-	-	-
16:35	-	-	16:35	-	-	-
16:36	-	-	16:36	-	-	-
16:37	-	-	16:37	-	-	-
16:38	-	-	16:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
16:39	-	-	16:39	-	-	-
16:40	-	-	16:40	-	-	-
16:41	-	-	16:41	-	-	-
16:42	-	-	16:42	-	-	-
16:43	-	-	16:43	-	-	-
16:44	-	-	16:44	-	-	-
16:45	-	-	16:45	-	-	-
16:46	-	-	16:46	-	-	-
16:47	-	-	16:47	-	-	-
16:48	-	-	16:48	-	-	-
16:49	-	-	16:49	-	-	-
16:50	-	-	16:50	-	-	-
16:51	-	-	16:51	-	-	-
16:52	-	-	16:52	-	-	-
16:53	-	-	16:53	-	-	-
16:54	-	-	16:54	-	-	-
16:55	-	-	16:55	-	-	-
16:56	-	-	16:56	-	-	-
16:57	-	-	16:57	-	-	-
16:58	-	-	16:58	-	-	-
16:59	-	-	16:59	-	-	-
17:00	-	-	17:00	-	-	-
17:01	-	-	17:01	-	-	-
17:02	-	-	17:02	-	-	-
17:03	-	-	17:03	-	-	-
17:04	-	-	17:04	-	-	-
17:05	-	-	17:05	-	-	-
17:06	-	-	17:06	-	-	-
17:07	-	-	17:07	-	-	-
17:08	-	-	17:08	-	-	-
17:09	-	-	17:09	-	-	-
17:10	-	-	17:10	-	-	-
17:11	-	-	17:11	-	-	-
17:12	-	-	17:12	-	-	-
17:13	-	-	17:13	-	-	-
17:14	-	-	17:14	-	-	-
17:15	-	-	17:15	-	-	-
17:16	-	-	17:16	-	-	-
17:17	-	-	17:17	-	-	-
17:18	-	-	17:18	-	-	-
17:19	-	-	17:19	-	-	-
17:20	-	-	17:20	-	-	-
17:21	-	-	17:21	-	-	-
17:22	-	-	17:22	-	-	-
17:23	-	-	17:23	-	-	-
17:24	-	-	17:24	-	-	-
17:25	-	-	17:25	-	-	-
17:26	-	-	17:26	-	-	-
17:27	-	-	17:27	-	-	-
17:28	-	-	17:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
17:29	-	-	17:29	-	-	-
17:30	-	-	17:30	-	-	-
17:31	-	-	17:31	-	-	-
17:32	-	-	17:32	-	-	-
17:33	-	-	17:33	-	-	-
17:34	-	-	17:34	-	-	-
17:35	-	-	17:35	-	-	-
17:36	-	-	17:36	-	-	-
17:37	-	-	17:37	-	-	-
17:38	-	-	17:38	-	-	-
17:39	-	-	17:39	-	-	-
17:40	-	-	17:40	-	-	-
17:41	-	-	17:41	-	-	-
17:42	-	-	17:42	-	-	-
17:43	-	-	17:43	-	-	-
17:44	-	-	17:44	-	-	-
17:45	-	-	17:45	-	-	-
17:46	-	-	17:46	-	-	-
17:47	-	-	17:47	-	-	-
17:48	-	-	17:48	-	-	-
17:49	-	-	17:49	-	-	-
17:50	-	-	17:50	-	-	-
17:51	-	-	17:51	-	-	-
17:52	-	-	17:52	-	-	-
17:53	-	-	17:53	-	-	-
17:54	-	-	17:54	-	-	-
17:55	-	-	17:55	-	-	-
17:56	-	-	17:56	-	-	-
17:57	-	-	17:57	-	-	-
17:58	-	-	17:58	-	-	-
17:59	-	-	17:59	-	-	-
18:00	-	-	18:00	-	-	-
18:01	-	-	18:01	-	-	-
18:02	-	-	18:02	-	-	-
18:03	-	-	18:03	-	-	-
18:04	-	-	18:04	-	-	-
18:05	-	-	18:05	-	-	-
18:06	-	-	18:06	-	-	-
18:07	-	-	18:07	-	-	-
18:08	-	-	18:08	-	-	-
18:09	-	-	18:09	-	-	-
18:10	-	-	18:10	-	-	-
18:11	-	-	18:11	-	-	-
18:12	-	-	18:12	-	-	-
18:13	-	-	18:13	-	-	-
18:14	-	-	18:14	-	-	-
18:15	-	-	18:15	-	-	-
18:16	-	-	18:16	-	-	-
18:17	-	-	18:17	-	-	-
18:18	-	-	18:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
18:19	-	-	18:19	-	-	-
18:20	-	-	18:20	-	-	-
18:21	-	-	18:21	-	-	-
18:22	-	-	18:22	-	-	-
18:23	-	-	18:23	-	-	-
18:24	-	-	18:24	-	-	-
18:25	-	-	18:25	-	-	-
18:26	-	-	18:26	-	-	-
18:27	-	-	18:27	-	-	-
18:28	-	-	18:28	-	-	-
18:29	-	-	18:29	-	-	-
18:30	-	-	18:30	-	-	-
18:31	-	-	18:31	-	-	-
18:32	-	-	18:32	-	-	-
18:33	-	-	18:33	-	-	-
18:34	-	-	18:34	-	-	-
18:35	-	-	18:35	-	-	-
18:36	-	-	18:36	-	-	-
18:37	-	-	18:37	-	-	-
18:38	-	-	18:38	-	-	-
18:39	-	-	18:39	-	-	-
18:40	-	-	18:40	-	-	-
18:41	-	-	18:41	-	-	-
18:42	-	-	18:42	-	-	-
18:43	-	-	18:43	-	-	-
18:44	-	-	18:44	-	-	-
18:45	-	-	18:45	-	-	-
18:46	-	-	18:46	-	-	-
18:47	-	-	18:47	-	-	-
18:48	-	-	18:48	-	-	-
18:49	-	-	18:49	-	-	-
18:50	-	-	18:50	-	-	-
18:51	-	-	18:51	-	-	-
18:52	-	-	18:52	-	-	-
18:53	-	-	18:53	-	-	-
18:54	-	-	18:54	-	-	-
18:55	-	-	18:55	-	-	-
18:56	-	-	18:56	-	-	-
18:57	-	-	18:57	-	-	-
18:58	-	-	18:58	-	-	-
18:59	-	-	18:59	-	-	-
19:00	-	-	19:00	-	-	-
19:01	-	-	19:01	-	-	-
19:02	-	-	19:02	-	-	-
19:03	-	-	19:03	-	-	-
19:04	-	-	19:04	-	-	-
19:05	-	-	19:05	-	-	-
19:06	-	-	19:06	-	-	-
19:07	-	-	19:07	-	-	-
19:08	-	-	19:08	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:09	-	-	19:09	-	-	-
19:10	-	-	19:10	-	-	-
19:11	-	-	19:11	-	-	-
19:12	-	-	19:12	-	-	-
19:13	-	-	19:13	-	-	-
19:14	-	-	19:14	-	-	-
19:15	-	-	19:15	-	-	-
19:16	-	-	19:16	-	-	-
19:17	-	-	19:17	-	-	-
19:18	-	-	19:18	-	-	-
19:19	-	-	19:19	-	-	-
19:20	-	-	19:20	-	-	-
19:21	-	-	19:21	-	-	-
19:22	-	-	19:22	-	-	-
19:23	-	-	19:23	-	-	-
19:24	-	-	19:24	-	-	-
19:25	-	-	19:25	-	-	-
19:26	-	-	19:26	-	-	-
19:27	-	-	19:27	-	-	-
19:28	-	-	19:28	-	-	-
19:29	-	-	19:29	-	-	-
19:30	-	-	19:30	-	-	-
19:31	-	-	19:31	-	-	-
19:32	-	-	19:32	-	-	-
19:33	-	-	19:33	-	-	-
19:34	-	-	19:34	-	-	-
19:35	-	-	19:35	-	-	-
19:36	-	-	19:36	-	-	-
19:37	-	-	19:37	-	-	-
19:38	-	-	19:38	-	-	-
19:39	-	-	19:39	-	-	-
19:40	-	-	19:40	-	-	-
19:41	-	-	19:41	-	-	-
19:42	-	-	19:42	-	-	-
19:43	-	-	19:43	-	-	-
19:44	-	-	19:44	-	-	-
19:45	-	-	19:45	-	-	-
19:46	-	-	19:46	-	-	-
19:47	-	-	19:47	-	-	-
19:48	-	-	19:48	-	-	-
19:49	-	-	19:49	-	-	-
19:50	-	-	19:50	-	-	-
19:51	-	-	19:51	-	-	-
19:52	-	-	19:52	-	-	-
19:53	-	-	19:53	-	-	-
19:54	-	-	19:54	-	-	-
19:55	-	-	19:55	-	-	-
19:56	-	-	19:56	-	-	-
19:57	-	-	19:57	-	-	-
19:58	-	-	19:58	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
19:59	-	-	19:59	-	-	-
20:00	-	-	20:00	-	-	-
20:01	-	-	20:01	-	-	-
20:02	-	-	20:02	-	-	-
20:03	-	-	20:03	-	-	-
20:04	-	-	20:04	-	-	-
20:05	-	-	20:05	-	-	-
20:06	-	-	20:06	-	-	-
20:07	-	-	20:07	-	-	-
20:08	-	-	20:08	-	-	-
20:09	-	-	20:09	-	-	-
20:10	-	-	20:10	-	-	-
20:11	-	-	20:11	-	-	-
20:12	-	-	20:12	-	-	-
20:13	-	-	20:13	-	-	-
20:14	-	-	20:14	-	-	-
20:15	-	-	20:15	-	-	-
20:16	-	-	20:16	-	-	-
20:17	-	-	20:17	-	-	-
20:18	-	-	20:18	-	-	-
20:19	-	-	20:19	-	-	-
20:20	-	-	20:20	-	-	-
20:21	-	-	20:21	-	-	-
20:22	-	-	20:22	-	-	-
20:23	-	-	20:23	-	-	-
20:24	-	-	20:24	-	-	-
20:25	-	-	20:25	-	-	-
20:26	-	-	20:26	-	-	-
20:27	-	-	20:27	-	-	-
20:28	-	-	20:28	-	-	-
20:29	-	-	20:29	-	-	-
20:30	-	-	20:30	-	-	-
20:31	-	-	20:31	-	-	-
20:32	-	-	20:32	-	-	-
20:33	-	-	20:33	-	-	-
20:34	-	-	20:34	-	-	-
20:35	-	-	20:35	-	-	-
20:36	-	-	20:36	-	-	-
20:37	-	-	20:37	-	-	-
20:38	-	-	20:38	-	-	-
20:39	-	-	20:39	-	-	-
20:40	-	-	20:40	-	-	-
20:41	-	-	20:41	-	-	-
20:42	-	-	20:42	-	-	-
20:43	-	-	20:43	-	-	-
20:44	-	-	20:44	-	-	-
20:45	-	-	20:45	-	-	-
20:46	-	-	20:46	-	-	-
20:47	-	-	20:47	-	-	-
20:48	-	-	20:48	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
20:49	-	-	20:49	-	-	-
20:50	-	-	20:50	-	-	-
20:51	-	-	20:51	-	-	-
20:52	-	-	20:52	-	-	-
20:53	-	-	20:53	-	-	-
20:54	-	-	20:54	-	-	-
20:55	-	-	20:55	-	-	-
20:56	-	-	20:56	-	-	-
20:57	-	-	20:57	-	-	-
20:58	-	-	20:58	-	-	-
20:59	-	-	20:59	-	-	-
21:00	-	-	21:00	-	-	-
21:01	-	-	21:01	-	-	-
21:02	-	-	21:02	-	-	-
21:03	-	-	21:03	-	-	-
21:04	-	-	21:04	-	-	-
21:05	-	-	21:05	-	-	-
21:06	-	-	21:06	-	-	-
21:07	-	-	21:07	-	-	-
21:08	-	-	21:08	-	-	-
21:09	-	-	21:09	-	-	-
21:10	-	-	21:10	-	-	-
21:11	-	-	21:11	-	-	-
21:12	-	-	21:12	-	-	-
21:13	-	-	21:13	-	-	-
21:14	-	-	21:14	-	-	-
21:15	-	-	21:15	-	-	-
21:16	-	-	21:16	-	-	-
21:17	-	-	21:17	-	-	-
21:18	-	-	21:18	-	-	-
21:19	-	-	21:19	-	-	-
21:20	-	-	21:20	-	-	-
21:21	-	-	21:21	-	-	-
21:22	-	-	21:22	-	-	-
21:23	-	-	21:23	-	-	-
21:24	-	-	21:24	-	-	-
21:25	-	-	21:25	-	-	-
21:26	-	-	21:26	-	-	-
21:27	-	-	21:27	-	-	-
21:28	-	-	21:28	-	-	-
21:29	-	-	21:29	-	-	-
21:30	-	-	21:30	-	-	-
21:31	-	-	21:31	-	-	-
21:32	-	-	21:32	-	-	-
21:33	-	-	21:33	-	-	-
21:34	-	-	21:34	-	-	-
21:35	-	-	21:35	-	-	-
21:36	-	-	21:36	-	-	-
21:37	-	-	21:37	-	-	-
21:38	-	-	21:38	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
21:39	-	-	21:39	-	-	-
21:40	-	-	21:40	-	-	-
21:41	-	-	21:41	-	-	-
21:42	-	-	21:42	-	-	-
21:43	-	-	21:43	-	-	-
21:44	-	-	21:44	-	-	-
21:45	-	-	21:45	-	-	-
21:46	-	-	21:46	-	-	-
21:47	-	-	21:47	-	-	-
21:48	-	-	21:48	-	-	-
21:49	-	-	21:49	-	-	-
21:50	-	-	21:50	-	-	-
21:51	-	-	21:51	-	-	-
21:52	-	-	21:52	-	-	-
21:53	-	-	21:53	-	-	-
21:54	-	-	21:54	-	-	-
21:55	-	-	21:55	-	-	-
21:56	-	-	21:56	-	-	-
21:57	-	-	21:57	-	-	-
21:58	-	-	21:58	-	-	-
21:59	-	-	21:59	-	-	-
22:00	-	-	22:00	-	-	-
22:01	-	-	22:01	-	-	-
22:02	-	-	22:02	-	-	-
22:03	-	-	22:03	-	-	-
22:04	-	-	22:04	-	-	-
22:05	-	-	22:05	-	-	-
22:06	-	-	22:06	-	-	-
22:07	-	-	22:07	-	-	-
22:08	-	-	22:08	-	-	-
22:09	-	-	22:09	-	-	-
22:10	-	-	22:10	-	-	-
22:11	-	-	22:11	-	-	-
22:12	-	-	22:12	-	-	-
22:13	-	-	22:13	-	-	-
22:14	-	-	22:14	-	-	-
22:15	-	-	22:15	-	-	-
22:16	-	-	22:16	-	-	-
22:17	-	-	22:17	-	-	-
22:18	-	-	22:18	-	-	-
22:19	-	-	22:19	-	-	-
22:20	-	-	22:20	-	-	-
22:21	-	-	22:21	-	-	-
22:22	-	-	22:22	-	-	-
22:23	-	-	22:23	-	-	-
22:24	-	-	22:24	-	-	-
22:25	-	-	22:25	-	-	-
22:26	-	-	22:26	-	-	-
22:27	-	-	22:27	-	-	-
22:28	-	-	22:28	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
22:29	-	-	22:29	-	-	-
22:30	-	-	22:30	-	-	-
22:31	-	-	22:31	-	-	-
22:32	-	-	22:32	-	-	-
22:33	-	-	22:33	-	-	-
22:34	-	-	22:34	-	-	-
22:35	-	-	22:35	-	-	-
22:36	-	-	22:36	-	-	-
22:37	-	-	22:37	-	-	-
22:38	-	-	22:38	-	-	-
22:39	-	-	22:39	-	-	-
22:40	-	-	22:40	-	-	-
22:41	-	-	22:41	-	-	-
22:42	-	-	22:42	-	-	-
22:43	-	-	22:43	-	-	-
22:44	-	-	22:44	-	-	-
22:45	-	-	22:45	-	-	-
22:46	-	-	22:46	-	-	-
22:47	-	-	22:47	-	-	-
22:48	-	-	22:48	-	-	-
22:49	-	-	22:49	-	-	-
22:50	-	-	22:50	-	-	-
22:51	-	-	22:51	-	-	-
22:52	-	-	22:52	-	-	-
22:53	-	-	22:53	-	-	-
22:54	-	-	22:54	-	-	-
22:55	-	-	22:55	-	-	-
22:56	-	-	22:56	-	-	-
22:57	-	-	22:57	-	-	-
22:58	-	-	22:58	-	-	-
22:59	-	-	22:59	-	-	-
23:00	-	-	23:00	-	-	-
23:01	-	-	23:01	-	-	-
23:02	-	-	23:02	-	-	-
23:03	-	-	23:03	-	-	-
23:04	-	-	23:04	-	-	-
23:05	-	-	23:05	-	-	-
23:06	-	-	23:06	-	-	-
23:07	-	-	23:07	-	-	-
23:08	-	-	23:08	-	-	-
23:09	-	-	23:09	-	-	-
23:10	-	-	23:10	-	-	-
23:11	-	-	23:11	-	-	-
23:12	-	-	23:12	-	-	-
23:13	-	-	23:13	-	-	-
23:14	-	-	23:14	-	-	-
23:15	-	-	23:15	-	-	-
23:16	-	-	23:16	-	-	-
23:17	-	-	23:17	-	-	-
23:18	-	-	23:18	-	-	-

PID DATA						
Upwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds VOC Alarm Limit
23:19	-	-	23:19	-	-	-
23:20	-	-	23:20	-	-	-
23:21	-	-	23:21	-	-	-
23:22	-	-	23:22	-	-	-
23:23	-	-	23:23	-	-	-
23:24	-	-	23:24	-	-	-
23:25	-	-	23:25	-	-	-
23:26	-	-	23:26	-	-	-
23:27	-	-	23:27	-	-	-
23:28	-	-	23:28	-	-	-
23:29	-	-	23:29	-	-	-
23:30	-	-	23:30	-	-	-
23:31	-	-	23:31	-	-	-
23:32	-	-	23:32	-	-	-
23:33	-	-	23:33	-	-	-
23:34	-	-	23:34	-	-	-
23:35	-	-	23:35	-	-	-
23:36	-	-	23:36	-	-	-
23:37	-	-	23:37	-	-	-
23:38	-	-	23:38	-	-	-
23:39	-	-	23:39	-	-	-
23:40	-	-	23:40	-	-	-
23:41	-	-	23:41	-	-	-
23:42	-	-	23:42	-	-	-
23:43	-	-	23:43	-	-	-
23:44	-	-	23:44	-	-	-
23:45	-	-	23:45	-	-	-
23:46	-	-	23:46	-	-	-
23:47	-	-	23:47	-	-	-
23:48	-	-	23:48	-	-	-
23:49	-	-	23:49	-	-	-
23:50	-	-	23:50	-	-	-
23:51	-	-	23:51	-	-	-
23:52	-	-	23:52	-	-	-
23:53	-	-	23:53	-	-	-
23:54	-	-	23:54	-	-	-
23:55	-	-	23:55	-	-	-
23:56	-	-	23:56	-	-	-
23:57	-	-	23:57	-	-	-
23:58	-	-	23:58	-	-	-
23:59	-	-	23:59	-	-	-



1. **Site viewed from the corner of South Street and Montgomery Street**



2. **Clearing selected portions of the Site in preparation for fieldwork**



3. **Typical CAMP setup, upwind**



4. **Typical CAMP setup, downwind**

Photographic Log



5. Utility mark-out/clearing boring locations



6. Geoprobe extending soil boring



7. Typical boring sleeves



8. Typical groundwater monitoring well installation



9. Typical groundwater sampling setup



10. Typical soil vapor sampling setup



11. Tracer gas test during soil vapor sampling



12. Geophysical survey work, southern portion of Site

APPENDIX B: Data Usability Summary Reports

(pending, to be provided in final RIR)

APPENDIX C: Laboratory Reports

Wednesday, November 26, 2025

Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Project ID: **22003-0092**
SDG ID: **GCU40202**
Sample ID#s: CU40202 - CU40223

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Gallagher Basset Technical Services

Project: 22003-0092

Laboratory Project: GCU40202

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU40202**

Gallagher Basset Technical Services 22003-0092

Methodology Summary

1,4 Dioxane in Water

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8270-MOD (SIM)

EPA method 522 Ver 1 Sept 2008

Massachusetts Compendium of Analytical Procecures (CAM) Method 8270 Appendix IIB

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 3545A.

Chlorinated Herbicides:

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8151A.

Hexavalent Chromium in Soils

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Alkaline Digestion Method 3060A and Colorimetric method 7196A.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

PAH by 8270 SIM

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E (SIM).

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU40202**

Gallagher Basset Technical Services 22003-0092

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Total Cyanide

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 9010B and SW9012B

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU40202**

Gallagher Basset Technical Services 22003-0092

Laboratory Chronicle

The samples in this delivery group were received at 1.7°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CU40202	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40202	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40202	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40202	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40202	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40202	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40202	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40202	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40202	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40202	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40202	Polychlorinated Biphenyls	10/01/25	10/10/25	10/13/25	SC	Y
CU40202	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40202	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Semivolatiles	10/01/25	10/11/25	10/13/25	MR	Y
CU40202	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y

Environmental Laboratories, Inc.
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CU40202	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Total Cyanide (SW9010C Distill.)	10/01/25	10/07/25	10/07/25	EG	Y
CU40202	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40202	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40202	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40203	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40203	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40203	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40203	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40203	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40203	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40203	PFAS (40) by EPA 1633 (Re-extracti	10/01/25	10/11/25	10/11/25		Y
CU40203	PFAS (40) by EPA 1633A	10/01/25	10/11/25	10/11/25		Y
CU40203	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40203	PFOA/PFOS - Soil Re-Extraction 1	10/01/25	10/10/25	10/10/25		Y
CU40203	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40203	Polychlorinated Biphenyls	10/01/25	10/10/25	10/11/25	SC	Y
CU40203	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40203	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Semivolatiles	10/01/25	10/11/25	10/11/25	MR	Y

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CU40203	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40203	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40203	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40203	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40204	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40204	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40204	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40204	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40204	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40204	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40204	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40204	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40204	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40204	Polychlorinated Biphenyls	10/01/25	10/10/25	10/11/25	SC	Y
CU40204	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40204	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Semivolatiles	10/01/25	10/11/25	10/11/25	MR	Y

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CU40204	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40204	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40204	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40204	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40205	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40205	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40205	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40205	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40205	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40205	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40205	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40205	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40205	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40205	Polychlorinated Biphenyls	10/01/25	10/10/25	10/11/25	SC	Y
CU40205	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40205	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y

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CU40205	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40205	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40205	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40205	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40206	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40206	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40206	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40206	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40206	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40206	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40206	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40206	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40206	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40206	Polychlorinated Biphenyls	10/01/25	10/10/25	10/11/25	SC	Y
CU40206	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40206	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y

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CU40206	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40206	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40206	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40206	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40207	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40207	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40207	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40207	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40207	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40207	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40207	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40207	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40207	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40207	Polychlorinated Biphenyls	10/01/25	10/10/25	10/12/25	SC	Y
CU40207	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40207	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y

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CU40207	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40207	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40207	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40207	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40208	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40208	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40208	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40208	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40208	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40208	Pesticides - Soil	10/01/25	10/10/25	10/12/25	KCA	Y
CU40208	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40208	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40208	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40208	Polychlorinated Biphenyls	10/01/25	10/10/25	10/11/25	SC	Y
CU40208	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40208	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y

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CU40208	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40208	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40208	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40208	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40209	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40209	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40209	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40209	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40209	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40209	Pesticides - Soil	10/01/25	10/13/25	10/14/25	KCA	Y
CU40209	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40209	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40209	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40209	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40209	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40209	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y

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CU40209	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40209	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40209	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40209	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40210	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40210	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40210	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40210	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40210	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40210	Pesticides - Soil	10/01/25	10/13/25	10/14/25	KCA	Y
CU40210	PFAS (40) by EPA 1633A	10/01/25	10/11/25	10/11/25		Y
CU40210	PFOA/PFOS - Soil Extraction	10/01/25	10/10/25	10/10/25		Y
CU40210	PFOA/PFOS - Soil Re-Extraction 1	10/01/25	10/10/25	10/10/25		Y
CU40210	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40210	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40210	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40210	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40210	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y
CU40210	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40210	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40210	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40210	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40211	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40211	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40211	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40211	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40211	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40211	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40211	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40211	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40211	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40211	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40211	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40211	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40211	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y
CU40211	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40211	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40211	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40211	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40212	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40212	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40212	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40212	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40212	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40212	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40212	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40212	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40212	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40212	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40212	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40212	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40212	Semivolatiles	10/01/25	10/11/25	10/12/25	MR	Y
CU40212	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40212	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40212	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40212	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40213	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40213	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40213	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40213	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40213	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40213	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40213	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40213	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40213	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40213	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40213	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40213	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40213	Semivolatiles	10/01/25	10/13/25	10/13/25	MR	Y
CU40213	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40213	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40213	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40213	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40214	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Chlorinated Herbicides	10/01/25	10/07/25	10/08/25	JRB	Y
CU40214	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40214	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40214	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40214	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40214	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40214	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40214	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40214	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40214	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40214	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40214	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40214	Semivolatiles	10/01/25	10/13/25	10/13/25	MR	Y
CU40214	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40214	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40214	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40214	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	1,4-Dioxane	10/01/25	10/07/25	10/07/25	JLI	Y
CU40215	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Chlorinated Herbicides	10/01/25	10/07/25	10/09/25	JRB	Y
CU40215	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40215	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40215	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40215	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40215	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40215	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40215	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40215	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40215	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40215	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40215	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU40202**

Gallagher Basset Technical Services 22003-0092

CU40215	Semivolatiles	10/01/25	10/13/25	10/13/25	MR	Y
CU40215	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40215	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40215	Volatiles	10/01/25	10/07/25	10/07/25	JLI	Y
CU40215	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40216	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Chlorinated Herbicides	10/01/25	10/07/25	10/09/25	JRB	Y
CU40216	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Chromium, Hex. (SW3060A digestio	10/01/25	10/07/25	10/07/25	NP	Y
CU40216	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40216	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40216	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40216	Pesticides - Soil	10/01/25	10/13/25	10/14/25	KCA	Y
CU40216	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40216	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40216	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40216	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40216	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40216	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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Gallagher Basset Technical Services 22003-0092

CU40216	Semivolatiles	10/01/25	10/13/25	10/14/25	MR	Y
CU40216	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40216	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40216	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40216	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40217	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Chlorinated Herbicides	10/01/25	10/07/25	10/09/25	JRB	Y
CU40217	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Chromium, Hex. (SW3060A digestio	10/01/25	10/08/25	10/08/25	NP	Y
CU40217	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40217	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40217	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40217	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40217	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40217	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40217	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40217	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40217	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40217	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40217	Semivolatiles	10/01/25	10/13/25	10/13/25	MR	Y
CU40217	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40217	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40217	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40217	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	1,4-Dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40218	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Chlorinated Herbicides	10/01/25	10/07/25	10/09/25	JRB	Y
CU40218	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Chromium, Hex. (SW3060A digestio	10/01/25	10/08/25	10/08/25	NP	Y
CU40218	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40218	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40218	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40218	Pesticides - Soil	10/01/25	10/13/25	10/14/25	AW	Y
CU40218	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40218	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40218	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40218	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40218	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40218	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU40202**

Gallagher Basset Technical Services 22003-0092

CU40218	Semivolatiles	10/01/25	10/13/25	10/13/25	MR	Y
CU40218	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40218	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40218	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40218	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	1,4-Dioxane	10/01/25	10/06/25	10/06/25	HM	Y
CU40219	Aluminum	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Antimony	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Arsenic	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Barium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Beryllium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Cadmium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Calcium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Chlorinated Herbicides	10/01/25	10/07/25	10/09/25	JRB	Y
CU40219	Chromium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Chromium, Hex. (SW3060A digestio	10/01/25	10/08/25	10/08/25	NP	Y
CU40219	Cobalt	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Copper	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40219	Iron	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Lead	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Magnesium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Manganese	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Mercury	10/01/25	10/03/25	10/03/25	AJ1	Y
CU40219	Nickel	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Percent Solid	10/01/25	10/02/25	10/02/25	CV	Y
CU40219	Pesticides - Soil	10/01/25	10/13/25	10/14/25	KCA	Y
CU40219	PFAS (40) by EPA 1633A	10/01/25	10/09/25	10/09/25		Y
CU40219	PFOA/PFOS - Soil Extraction	10/01/25	10/09/25	10/09/25		Y
CU40219	pH at 25C - Soil	10/01/25	10/02/25	10/02/25	KG	Y
CU40219	Polychlorinated Biphenyls	10/01/25	10/13/25	10/14/25	SC	Y
CU40219	Potassium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Redox Potential	10/01/25	10/02/25	10/02/25	KG	Y
CU40219	Selenium	10/01/25	10/03/25	10/07/25	CPP	Y

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CU40219	Semivolatiles	10/01/25	10/13/25	10/13/25	MR	Y
CU40219	Silver	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Sodium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Thallium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Total Cyanide (SW9010C Distill.)	10/01/25	10/08/25	10/08/25	EG	Y
CU40219	Vanadium	10/01/25	10/03/25	10/07/25	CPP	Y
CU40219	Volatiles	10/01/25	10/06/25	10/06/25	HM	Y
CU40219	Zinc	10/01/25	10/03/25	10/07/25	CPP	Y
CU40220	1,4-dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40220	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40220	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y
CU40221	PFAS (40) by EPA 1633A	10/01/25	10/07/25	10/07/25		Y
CU40221	PFOA/PFOS - Water Extraction	10/01/25	10/07/25	10/07/25		Y
CU40222	1,4-dioxane	10/01/25	10/06/25	10/08/25	AW	Y
CU40222	PFAS (40) by EPA 1633A	10/01/25	10/07/25	10/07/25		Y
CU40222	PFOA/PFOS - Water Extraction	10/01/25	10/07/25	10/07/25		Y
CU40223	1,4-dioxane	10/01/25	10/05/25	10/05/25	HM	Y
CU40223	Field Extraction	10/01/25	10/01/25	10/01/25		Y
CU40223	Volatiles	10/01/25	10/05/25	10/05/25	HM	Y

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NY # 11301

SDG Comments

November 26, 2025

SDG I.D.: GCU40202

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: This report has been revised to correct PFAS units.

Version 3: Complete report with raw data.

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NY # 11301

Sample Id Cross Reference

November 26, 2025

SDG I.D.: GCU40202

Project ID: 22003-0092

Client Id	Lab Id	Matrix	Col Date
2SB-01 SURF	CU40202	SOIL	10/01/25 10:10
2SB-01 5-7.5	CU40203	SOIL	10/01/25 10:55
2SB-01 7.5-10	CU40204	SOIL	10/01/25 11:00
2SB-02 SURF	CU40205	SOIL	10/01/25 9:10
2SB-02 5-7.5	CU40206	SOIL	10/01/25 10:10
2SB-02 7.5-10	CU40207	SOIL	10/01/25 10:20
2SB-03 SURF	CU40208	SOIL	10/01/25 10:55
2SB-03 10-12.5	CU40209	SOIL	10/01/25 11:35
2SB-03 12.5-15	CU40210	SOIL	10/01/25 11:35
2SB-04 SURF	CU40211	SOIL	10/01/25 15:30
2SB-04 0-5	CU40212	SOIL	10/01/25 14:55
2SB-04 10-15	CU40213	SOIL	10/01/25 14:50
2SB-05 SURF	CU40214	SOIL	10/01/25 12:45
2SB-05 5-7	CU40215	SOIL	10/01/25 14:30
2SB-06 SURF	CU40216	SOIL	10/01/25 11:55
2SB-06 0-2.5	CU40217	SOIL	10/01/25 12:30
2SB-06 7.5-10	CU40218	SOIL	10/01/25 12:38
DUP-20251001	CU40219	SOIL	10/01/25 0:00
TB-20251001 LL	CU40220	SOIL	10/01/25 0:00
FB-20251001	CU40221	WATER	10/01/25 8:45
EB-20251001	CU40222	WATER	10/01/25 8:35
TB-20251001 HL	CU40223	SOIL	10/01/25 0:00

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Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	10:10
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40202

Project ID: 22003-0092
Client ID: 2SB-01 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.41	0.41	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	88			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.50	1.00	1.00	pH Units	1	10/02/25 23:22	KG	SW846 9045D	
Redox Potential	243			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.57	0.284	mg/Kg	1	10/07/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	15000	36	7.2	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	3.51	0.72	0.72	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	72.8	0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.50	0.29	0.14	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	ND	0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	1280		3.6	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	14.6		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	8.93		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
copper	13.4		0.7	0.36	mg/kg	1	10/07/25	CPP	SW6010D
iron	21100		3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
lead	43.3		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	3510		3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	380		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.228		0.085	0.085	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	15.8		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	992	N	72	28	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	50		7	3.1	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	21.7		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	63.6		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	84				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	97				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1221	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1232	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1242	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1248	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1254	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1260	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1262	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
PCB-1268	ND		0.073	0.073	mg/Kg	2	10/13/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	75				%	2	10/13/25	SC	30 - 150 %
% DCBP (Confirmation)	70				%	2	10/13/25	SC	30 - 150 %
% TCMX	77				%	2	10/13/25	SC	30 - 150 %
% TCMX (Confirmation)	75				%	2	10/13/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDE	ND		0.0022	0.0022	mg/Kg	2	10/12/25	KCA	SW8081B

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4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0073	0.0073	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	85			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	64			%	2	10/12/25	KCA	30 - 150 %
% TCMX	74			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	67			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0049	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.074	0.04	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.03	0.0049	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.025	0.0049	mg/Kg	1	10/05/25	HM	SW8260D

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4-methyl-2-pentanone	ND	0.025	0.0049	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.049	0.0049	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0049	0.0025	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0049	0.002	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.049	0.049	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.0099	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.025	0.0049	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.049	0.02	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0049	0.00099	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0049	0.00049	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0049	0.0049	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	98			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	102			%	1	10/05/25	HM	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	94			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND	0.074	0.074	mg/Kg	1	10/06/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.6	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND	0.6	0.26	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.068	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND	0.6	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND	0.6	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND	0.75	0.15	mg/Kg	1	10/13/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.097	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.26	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.75	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.26	0.097	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.26	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.38	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	120			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	54			%	1	10/06/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorophenol	66			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	56			%	1	10/06/25	MR	30 - 130 %	
% Nitrobenzene-d5	73			%	1	10/13/25	MR	30 - 130 %	
% Phenol-d5	70			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	71			%	1	10/06/25	MR	30 - 130 %	
% Terphenyl-d14	52			%	1	10/13/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.599	0.173	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.599	0.176	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.599	0.216	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.599	0.0906	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.749	0.279	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.75	0.659	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.75	0.540	ug/kg	1	10/09/25		EPA 1633A	C

Ver 3

Project ID: 22003-0092
Client ID: 2SB-01 SURF

Phoenix I.D.: CU40202

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.599	0.162	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.599	0.113	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.599	0.136	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.150	0.0502	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.150	0.0450	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.50	0.518	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.300	0.0404	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.150	0.0524	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.150	0.0509	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.50	0.528	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.150	0.0345	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.150	0.0412	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.150	0.0240	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.150	0.0382	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0572	J	0.150	0.0390	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.150	0.0472	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.150	0.0682	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.122	J	0.150	0.0300	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.150	0.00524	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.144	J	0.150	0.0345	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.126	J	0.599	0.123	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.150	0.0397	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0870	J	0.150	0.0105	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.502		0.150	0.0442	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.629		0.150	0.0210	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.150	0.0277	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.210	J	0.300	0.0629	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.150	0.0697	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.150	0.0404	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0400	J	0.150	0.0285	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.300	0.0584	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.300	0.0614	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.300	0.0884	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	86.6				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	87.1				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	79.4				%	1	10/09/25		20 - 130 %	C
% M3PFBS	74.3				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	79.7				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	77.9				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	80.0				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	78.5				%	1	10/09/25		35 - 130 %	C
% M6PFDA	87.3				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	89.6				%	1	10/09/25		40 - 130 %	C
% M8FOSA	79.9				%	1	10/09/25		40 - 130 %	C
% M8PFOA	83.2				%	1	10/09/25		40 - 130 %	C
% M8PFOS	81.3				%	1	10/09/25		40 - 130 %	C
% M9PFNA	82.1				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.6				%	1	10/09/25		8 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-01 SURF

Phoenix I.D.: CU40202

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	87.8			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	52.5			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	108.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	62.7			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	63.1			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	60.9			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	69.1			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	86.3			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	71.0			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	10:55
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40203

Project ID: 22003-0092
Client ID: 2SB-01 5-7.5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
PFAS (40) by EPA 1633 (Re-extraction)	Completed					10/10/25		EPA 1633A	
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.42	0.42	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	83			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.35	1.00	1.00	pH Units	1	10/02/25 23:22	KG	SW846 9045D	
Redox Potential	271			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.60	0.301	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14800	40	7.9	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	6.34	0.79	0.79	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	77.9	0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.69	0.32	0.16	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-01 5-7.5

Phoenix I.D.: CU40203

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
calcium	2320		4.0	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	17.7		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	12.6		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
copper	33.1		0.8	0.40	mg/kg	1	10/07/25	CPP	SW6010D
iron	29700		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
lead	14.6		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5160		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	834		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.09	0.09	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	26.2		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1440	N	79	31	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.6	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	336		8	3.4	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	21.9		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	75.1		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.3	0.3	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.3	0.3	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.3	0.3	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	86				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	97				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1221	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1232	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1242	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1248	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1254	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1260	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1262	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1268	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	76				%	2	10/11/25	SC	30 - 150 %
% DCBP (Confirmation)	69				%	2	10/11/25	SC	30 - 150 %
% TCMX	64				%	2	10/11/25	SC	30 - 150 %
% TCMX (Confirmation)	62				%	2	10/11/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B

Ver 3

Project ID: 22003-0092
Client ID: 2SB-01 5-7.5

Phoenix I.D.: CU40203

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0016	0.0016	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.16	0.16	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	65			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	55			%	2	10/12/25	KCA	30 - 150 %
% TCMX	60			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	65			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0059	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.089	0.047	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.035	0.0059	mg/Kg	1	10/05/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.03	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
4-methyl-2-pentanone	ND	0.03	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.059	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0059	0.003	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0059	0.0024	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.059	0.059	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.03	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.059	0.024	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0059	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	101			%	1	10/05/25	HM	70 - 130 %

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% Dibromofluoromethane	98			%	1	10/05/25	HM	70 - 130 %	
% Toluene-d8	93			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.4	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,4-dioxane	ND	0.08	0.08	mg/Kg	1	10/06/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.64	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.28	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
2-Chlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2-Nitroaniline	ND	0.64	0.28	mg/Kg	1	10/11/25	MR	SW8270E	
2-Nitrophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.4	0.072	mg/Kg	1	10/11/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.48	0.19	mg/Kg	1	10/11/25	MR	SW8270E	
3-Nitroaniline	ND	0.64	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.2	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.4	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
4-Chloroaniline	ND	0.28	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
4-Nitroaniline	ND	0.64	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
4-Nitrophenol	ND	1.2	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
Acenaphthene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Acenaphthylene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Acetophenone	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Aniline	ND	0.4	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
Anthracene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Atrazine	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Benzaldehyde	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Benzidine	ND	0.4	4.6	mg/Kg	1	10/11/25	MR	SW8270E	
benzo(a)anthracene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.8	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
Benzyl Alcohol	ND	0.4	0.4	mg/Kg	1	10/11/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.28	0.1	mg/Kg	1	10/11/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.4	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Caprolactam	ND	0.28	0.2	mg/Kg	1	10/11/25	MR	SW8270E	
Carbazole	ND	0.4	0.2	mg/Kg	1	10/11/25	MR	SW8270E	
Chrysene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.2	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Dibenzofuran	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Diethyl phthalate	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Dimethylphthalate	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.8	0.4	mg/Kg	1	10/11/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.28	0.1	mg/Kg	1	10/11/25	MR	SW8270E	
Fluoranthene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Fluorene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.28	0.28	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachloroethane	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Isophorone	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Naphthalene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Nitrobenzene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.4	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.2	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.4	0.15	mg/Kg	1	10/11/25	MR	SW8270E	
Pentachlorophenol	ND	0.4	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
Phenanthrene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Phenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
Pyrene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	96			%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	38			%	1	10/06/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	68			%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorophenol	56			%	1	10/11/25	MR	30 - 130 %	
% Nitrobenzene-d5	37			%	1	10/06/25	MR	30 - 130 %	
% Nitrobenzene-d5	80			%	1	10/11/25	MR	30 - 130 %	
% Phenol-d5	63			%	1	10/11/25	MR	30 - 130 %	
% Terphenyl-d14	66			%	1	10/06/25	MR	30 - 130 %	
% Terphenyl-d14	57			%	1	10/11/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.743	0.215	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.743	0.218	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.743	0.268	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.743	0.112	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.929	0.346	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	4.65	0.818	ug/kg	1	10/11/25		EPA 1633A	C

Ver 3

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.65	0.670	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.743	0.201	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.743	0.140	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.743	0.169	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.186	0.0622	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.186	0.0558	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.86	0.643	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.372	0.0502	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.186	0.0650	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.186	0.0632	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.86	0.655	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.186	0.0427	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.186	0.0511	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.186	0.0297	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.186	0.0474	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.186	0.0483	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.186	0.0585	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.186	0.0846	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0510	J	0.186	0.0372	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.186	0.00650	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.111	J	0.186	0.0427	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.743	0.152	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.186	0.0492	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.186	0.0130	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.368		0.186	0.0548	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.128	J	0.186	0.0260	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.186	0.0344	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.113	J	0.372	0.0780	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.186	0.0864	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.186	0.0502	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.186	0.0353	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.372	0.0725	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.372	0.0762	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.372	0.110	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	63.5				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	57.0				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	52.3				%	1	10/11/25		20 - 130 %	C
% M3PFBS	68.4				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	66.0				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	63.8				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	60.8				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	65.0				%	1	10/11/25		35 - 130 %	C
% M6PFDA	63.0				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	66.2				%	1	10/11/25		40 - 130 %	C
% M8FOSA	58.9				%	1	10/11/25		40 - 130 %	C
% M8PFOA	62.0				%	1	10/11/25		40 - 130 %	C
% M8PFOS	66.9				%	1	10/11/25		40 - 130 %	C
% M9PFNA	63.2				%	1	10/11/25		40 - 130 %	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	101.				%	1	10/11/25		8 - 130 %	C
% MPFDoA	56.8				%	1	10/11/25		40 - 130 %	C
PFAS (40) by EPA 1633, Soil										
QA/QC Surrogates										
% d3-N-MeFOSAA	29.2				%	1	10/11/25		40 - 135 %	C,3
% d5-N-EtFOSAA	33.9				%	1	10/11/25		40 - 150 %	C,3
% d7-N-MeFOSE	61.0				%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	61.6				%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	48.8				%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	54.8				%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	61.6				%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	66.1				%	1	10/11/25		40 - 130 %	C
PFAS (40) by EPA 1633, Soil (RE)										
11Cl-PF3OUdS	ND		0.759	0.219	ug/kg	1	10/11/25		EPA 1633A	
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.759	0.223	ug/kg	1	10/11/25		EPA 1633A	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.759	0.273	ug/kg	1	10/11/25		EPA 1633A	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.759	0.115	ug/kg	1	10/11/25		EPA 1633A	
3:3FTCA	ND		0.949	0.353	ug/kg	1	10/11/25		EPA 1633A	
5:3FTCA	ND		4.74	0.835	ug/kg	1	10/11/25		EPA 1633A	
7:3FTCA	ND		4.74	0.684	ug/kg	1	10/11/25		EPA 1633A	
9Cl-PF3ONS	ND		0.759	0.205	ug/kg	1	10/11/25		EPA 1633A	
ADONA	ND		0.759	0.143	ug/kg	1	10/11/25		EPA 1633A	
HFPO-DA	ND		0.759	0.173	ug/kg	1	10/11/25		EPA 1633A	
NEtFOSA	ND		0.190	0.0636	ug/kg	1	10/11/25		EPA 1633A	
NEtFOSAA	ND		0.190	0.0569	ug/kg	1	10/11/25		EPA 1633A	
NEtFOSE	ND		1.90	0.657	ug/kg	1	10/11/25		EPA 1633A	
NFDHA	ND		0.380	0.0512	ug/kg	1	10/11/25		EPA 1633A	
NMeFOSA	ND		0.190	0.0664	ug/kg	1	10/11/25		EPA 1633A	
NMeFOSAA	ND		0.190	0.0645	ug/kg	1	10/11/25		EPA 1633A	
NMeFOSE	ND		1.90	0.669	ug/kg	1	10/11/25		EPA 1633A	
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.190	0.0436	ug/kg	1	10/11/25		EPA 1633A	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.190	0.0522	ug/kg	1	10/11/25		EPA 1633A	
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.190	0.0304	ug/kg	1	10/11/25		EPA 1633A	
Perfluorobutanesulfonic acid (PFBS)	ND		0.190	0.0484	ug/kg	1	10/11/25		EPA 1633A	
Perfluorodecanoic acid (PFDA)	ND		0.190	0.0494	ug/kg	1	10/11/25		EPA 1633A	
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.190	0.0598	ug/kg	1	10/11/25		EPA 1633A	
Perfluorododecanoic acid (PFDoA)	ND		0.190	0.0864	ug/kg	1	10/11/25		EPA 1633A	
Perfluoroheptanoic acid (PFHpA)	0.0665	J	0.190	0.0380	ug/kg	1	10/11/25		EPA 1633A	
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.190	0.00664	ug/kg	1	10/11/25		EPA 1633A	
Perfluorohexanoic acid (PFHxA)	0.130	J	0.190	0.0436	ug/kg	1	10/11/25		EPA 1633A	
Perfluoro-n-butanoic acid (PFBA)	ND		0.759	0.156	ug/kg	1	10/11/25		EPA 1633A	
Perfluorononanesulfonic Acid (PFNS)	ND		0.190	0.0503	ug/kg	1	10/11/25		EPA 1633A	
Perfluorononanoic acid (PFNA)	ND		0.190	0.0133	ug/kg	1	10/11/25		EPA 1633A	
Perfluorooctanesulfonic Acid (PFOS)	0.448		0.190	0.0560	ug/kg	1	10/11/25		EPA 1633A	
Perfluorooctanoic acid (PFOA)	0.163	J	0.190	0.0266	ug/kg	1	10/11/25		EPA 1633A	
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.190	0.0351	ug/kg	1	10/11/25		EPA 1633A	
Perfluoropentanoic acid (PFPeA)	0.103	J	0.380	0.0797	ug/kg	1	10/11/25		EPA 1633A	
Perfluorotetradecanoic acid (PFTA)	ND		0.190	0.0883	ug/kg	1	10/11/25		EPA 1633A	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorotridecanoic acid (PFTrDA)	ND	0.190	0.0512	ug/kg	1	10/11/25		EPA 1633A	
Perfluoroundecanoic acid (PFUnA)	ND	0.190	0.0361	ug/kg	1	10/11/25		EPA 1633A	
PFEESA	ND	0.380	0.0740	ug/kg	1	10/11/25		EPA 1633A	
PFMBA	ND	0.380	0.0778	ug/kg	1	10/11/25		EPA 1633A	
PFMPA	ND	0.380	0.112	ug/kg	1	10/11/25		EPA 1633A	
QA/QC Surrogates									
% M2-6:2FTS	65.9			%	1	10/11/25		40 - 215 %	
% M2-8:2FTS	61.8			%	1	10/11/25		40 - 275 %	
% M2PFTeDA	49.7			%	1	10/11/25		20 - 130 %	
% M3PFBS	66.6			%	1	10/11/25		40 - 135 %	
% M3PFHxS	71.0			%	1	10/11/25		40 - 130 %	
% M4PFHpA	67.6			%	1	10/11/25		40 - 130 %	
% M5PFHxA	59.5			%	1	10/11/25		40 - 130 %	
% M5PFPeA	73.0			%	1	10/11/25		35 - 130 %	
% M6PFDA	63.9			%	1	10/11/25		40 - 130 %	
% M7PFUdA	64.6			%	1	10/11/25		40 - 130 %	
% M8FOSA	67.1			%	1	10/11/25		40 - 130 %	
% M8PFOA	66.5			%	1	10/11/25		40 - 130 %	
% M8PFOS	76.6			%	1	10/11/25		40 - 130 %	
% M9PFNA	69.8			%	1	10/11/25		40 - 130 %	
% MPFBA	107.			%	1	10/11/25		8 - 130 %	
% MPFDoA	55.8			%	1	10/11/25		40 - 130 %	

PFAS (40) by EPA 1633, Soil (RE)

QA/QC Surrogates									
% d3-N-MeFOSAA	27.3			%	1	10/11/25		40 - 135 %	3
% d5-N-EtFOSAA	33.2			%	1	10/11/25		40 - 150 %	3
% d7-N-MeFOSE	64.9			%	1	10/11/25		20 - 130 %	
% d9-N-EtFOSE	71.3			%	1	10/11/25		15 - 130 %	
% d-N-EtFOSA	45.7			%	1	10/11/25		10 - 130 %	
% d-N-MeFOSA	52.7			%	1	10/11/25		10 - 130 %	
% M2-4:2 FTS	65.4			%	1	10/11/25		40 - 165 %	
% M3HFPO-DA	86.4			%	1	10/11/25		40 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

Low recoveries that were outside criteria are reported for the extracted internal standards (EIS): M-NEtFOSAA-D5 and M-NMeFOSAA-D3. Sample was re-extracted within hold time with similar results and are reported for review.

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	11:00
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40204

Project ID: 22003-0092
Client ID: 2SB-01 7.5-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.43	0.43	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	83			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.13	1.00	1.00	pH Units	1	10/02/25 23:22	KG	SW846 9045D	
Redox Potential	269			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.60	0.301	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	9390	38	7.5	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.8	3.8	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	4.00	0.75	0.75	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	28.8	0.8	0.38	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.40	0.30	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	ND	0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	1110		3.8	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	11.7		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	8.82		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
copper	20.7		0.8	0.38	mg/kg	1	10/07/25	CPP	SW6010D
iron	21000		3.8	3.8	mg/Kg	1	10/07/25	CPP	SW6010D
lead	9.4		0.8	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	4220		3.8	3.8	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	621		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.09	0.09	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	17.6		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1250	N	75	29	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	197		8	3.2	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	14.5		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	59.1		0.8	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	91				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	108				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1221	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1232	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1242	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1248	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1254	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1260	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1262	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1268	ND		0.079	0.079	mg/Kg	2	10/11/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	76				%	2	10/11/25	SC	30 - 150 %
% DCBP (Confirmation)	71				%	2	10/11/25	SC	30 - 150 %
% TCMX	78				%	2	10/11/25	SC	30 - 150 %
% TCMX (Confirmation)	77				%	2	10/11/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0024	0.0024	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDE	ND		0.0024	0.0024	mg/Kg	2	10/12/25	KCA	SW8081B

Ver 3

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Phoenix I.D.: CU40204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0024	0.0024	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.004	0.004	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.004	0.004	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.004	0.004	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.04	0.04	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.004	0.004	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0016	0.0016	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	ND	0.004	0.004	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0079	0.0079	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.04	0.04	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.16	0.16	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	76			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	63			%	2	10/12/25	KCA	30 - 150 %
% TCMX	68			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	67			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0053	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.08	0.042	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.032	0.0053	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.027	0.0053	mg/Kg	1	10/05/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.027	0.0053	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.053	0.0053	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0053	0.0027	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0053	0.0021	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.053	0.053	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.027	0.0053	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.053	0.021	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0053	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0053	0.00053	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0053	0.0053	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	98			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	97			%	1	10/05/25	HM	70 - 130 %

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% Toluene-d8	93			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.4	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
1,4-dioxane	ND	0.08	0.08	mg/Kg	1	10/06/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.64	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.28	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
2-Chlorophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
2-Nitroaniline	ND	0.64	0.28	mg/Kg	1	10/11/25	MR	SW8270E	
2-Nitrophenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.4	0.072	mg/Kg	1	10/11/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.48	0.19	mg/Kg	1	10/11/25	MR	SW8270E	
3-Nitroaniline	ND	0.64	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.2	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.4	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
4-Chloroaniline	ND	0.28	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
4-Nitroaniline	ND	0.64	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
4-Nitrophenol	ND	1.2	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
Acenaphthene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Acenaphthylene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Acetophenone	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Aniline	ND	0.4	0.16	mg/Kg	1	10/11/25	MR	SW8270E	
Anthracene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Atrazine	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Benzaldehyde	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Benzidine	ND	0.4	4.6	mg/Kg	1	10/11/25	MR	SW8270E	
benzo(a)anthracene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Benzoic acid	ND	0.8	0.16	mg/Kg	1	10/11/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.4	0.4	mg/Kg	1	10/11/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.28	0.1	mg/Kg	1	10/11/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.4	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Caprolactam	ND	0.28	0.2	mg/Kg	1	10/11/25	MR	SW8270E	
Carbazole	ND	0.4	0.2	mg/Kg	1	10/11/25	MR	SW8270E	
Chrysene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.2	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Dibenzofuran	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Diethyl phthalate	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Dimethylphthalate	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.8	0.4	mg/Kg	1	10/11/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.28	0.1	mg/Kg	1	10/11/25	MR	SW8270E	
Fluoranthene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Fluorene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachlorobenzene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.28	0.28	mg/Kg	1	10/11/25	MR	SW8270E	
Hexachloroethane	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.28	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
Isophorone	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Naphthalene	ND	0.28	0.12	mg/Kg	1	10/11/25	MR	SW8270E	
Nitrobenzene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.4	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.2	0.13	mg/Kg	1	10/11/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.4	0.15	mg/Kg	1	10/11/25	MR	SW8270E	
Pentachlorophenol	ND	0.4	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
Phenanthrene	ND	0.28	0.11	mg/Kg	1	10/11/25	MR	SW8270E	
Phenol	ND	0.28	0.072	mg/Kg	1	10/11/25	MR	SW8270E	
Pyrene	ND	0.28	0.14	mg/Kg	1	10/11/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	95			%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	42			%	1	10/06/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	72			%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorophenol	61			%	1	10/11/25	MR	30 - 130 %	
% Nitrobenzene-d5	51			%	1	10/06/25	MR	30 - 130 %	
% Nitrobenzene-d5	86			%	1	10/11/25	MR	30 - 130 %	
% Phenol-d5	68			%	1	10/11/25	MR	30 - 130 %	
% Terphenyl-d14	64			%	1	10/06/25	MR	30 - 130 %	
% Terphenyl-d14	60			%	1	10/11/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.525	0.152	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.525	0.154	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.525	0.189	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.525	0.0794	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.656	0.244	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.28	0.577	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.28	0.473	ug/kg	1	10/09/25		EPA 1633A	C

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9Cl-PF3ONS	ND		0.525	0.142	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.525	0.0991	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.525	0.119	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.131	0.0440	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.131	0.0394	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.31	0.454	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.262	0.0354	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.131	0.0459	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.131	0.0446	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.31	0.462	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.131	0.0302	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.131	0.0361	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.131	0.0210	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.131	0.0334	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.131	0.0341	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.131	0.0413	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.131	0.0597	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.112	J	0.131	0.0262	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.131	0.00459	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0957	J	0.131	0.0302	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.525	0.108	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.131	0.0348	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.131	0.00918	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.532		0.131	0.0387	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.227		0.131	0.0184	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.131	0.0243	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0694	J	0.262	0.0551	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.131	0.0610	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.131	0.0354	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.131	0.0249	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.262	0.0512	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.262	0.0538	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.262	0.0774	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	80.2				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	79.4				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	63.0				%	1	10/09/25		20 - 130 %	C
% M3PFBS	79.8				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	79.9				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	73.0				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	77.0				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	82.2				%	1	10/09/25		35 - 130 %	C
% M6PFDA	79.1				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	76.7				%	1	10/09/25		40 - 130 %	C
% M8FOSA	77.5				%	1	10/09/25		40 - 130 %	C
% M8PFOA	79.7				%	1	10/09/25		40 - 130 %	C
% M8PFOS	76.4				%	1	10/09/25		40 - 130 %	C
% M9PFNA	78.7				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.5				%	1	10/09/25		8 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-01 7.5-10

Phoenix I.D.: CU40204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	71.0			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	43.3			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	83.8			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	59.2			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	55.4			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	51.6			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	59.7			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	84.0			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	77.5			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	9:10
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40205

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.42	0.42	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	84			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.50	1.00	1.00	pH Units	1	10/02/25 23:22	KG	SW846 9045D	
Redox Potential	269			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	0.78	0.60	0.298	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14100	39	7.7	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	16.6	0.77	0.77	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	264	0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.62	0.31	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.90	0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	4920		3.9	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	19.9		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	10.8		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
copper	50.8		0.8	0.39	mg/kg	1	10/07/25	CPP	SW6010D
iron	24800		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
lead	745		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5450		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	750		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.837		0.089	0.089	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	27.8		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1470	N	77	30	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	107		8	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	33.4		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	363		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.3	0.3	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.3	0.3	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.3	0.3	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	84				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	100				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1221	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1232	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1242	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1248	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1254	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1260	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1262	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1268	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	49				%	2	10/11/25	SC	30 - 150 %
% DCBP (Confirmation)	45				%	2	10/11/25	SC	30 - 150 %
% TCMX	55				%	2	10/11/25	SC	30 - 150 %
% TCMX (Confirmation)	55				%	2	10/11/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDE	ND		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.031	0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	52			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	51			%	2	10/12/25	KCA	30 - 150 %
% TCMX	52			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	55			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0058	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.088	0.047	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.035	0.0058	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.029	0.0058	mg/Kg	1	10/05/25	HM	SW8260D

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.029	0.0058	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.058	0.0058	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0058	0.0029	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0058	0.0023	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.058	0.058	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.029	0.0058	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.058	0.023	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0058	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0058	0.00058	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0058	0.0058	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	92			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	91			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	102			%	1	10/05/25	HM	70 - 130 %

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	91				%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.28	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND		0.4	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND		0.078	0.078	mg/Kg	1	10/07/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND		0.28	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND		0.63	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND		0.28	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND		0.63	0.28	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.4	0.071	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.48	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND		0.63	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.2	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND		0.4	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND		0.28	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND		0.63	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND		1.2	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	0.25	J	0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND		0.4	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	0.17	J	0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND		0.4	4.6	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	1.1		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	1		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	1.6		0.28	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	0.53		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	0.58		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND		0.79	0.16	mg/Kg	1	10/12/25	MR	SW8270E	

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND		0.4	0.4	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND		0.28	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND		0.4	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	1.5		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND		0.28	0.2	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND		0.4	0.2	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	1		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	0.13	J	0.2	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND		0.79	0.4	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND		0.28	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	1.5		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND		0.28	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND		0.28	0.28	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND		0.28	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	0.55		0.28	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND		0.28	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND		0.4	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.2	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND		0.4	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND		0.4	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	0.63		0.28	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND		0.28	0.071	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	1.3		0.28	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	89				%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	48				%	1	10/07/25	KCA	30 - 130 %	
% 2-Fluorobiphenyl	65				%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorophenol	54				%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	50				%	1	10/07/25	KCA	30 - 130 %	
% Nitrobenzene-d5	80				%	1	10/12/25	MR	30 - 130 %	
% Phenol-d5	63				%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	55				%	1	10/07/25	KCA	30 - 130 %	
% Terphenyl-d14	53				%	1	10/12/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.666	0.192	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.666	0.196	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.666	0.240	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.666	0.101	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND		0.833	0.310	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND		4.16	0.733	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND		4.16	0.600	ug/kg	1	10/09/25		EPA 1633A	C

Ver 3

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.666	0.180	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.666	0.126	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.666	0.152	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.166	0.0558	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.166	0.0500	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.66	0.576	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.333	0.0450	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.166	0.0583	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.166	0.0566	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.66	0.587	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.166	0.0383	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.166	0.0458	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.166	0.0266	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.166	0.0425	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.211		0.166	0.0433	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.166	0.0524	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.101	J	0.166	0.0758	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.136	J	0.166	0.0333	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.166	0.00583	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.154	J	0.166	0.0383	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.223	J	0.666	0.136	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.166	0.0441	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.226		0.166	0.0116	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.68		0.166	0.0491	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.370		0.166	0.0233	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.166	0.0308	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.258	J	0.333	0.0699	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.166	0.0774	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.0700	J	0.166	0.0450	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.151	J	0.166	0.0316	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.333	0.0649	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.333	0.0683	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.333	0.0982	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	97.7				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	160.				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	108.				%	1	10/09/25		20 - 130 %	C
% M3PFBS	98.0				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	93.4				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	85.7				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	90.7				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	93.2				%	1	10/09/25		35 - 130 %	C
% M6PFDA	94.5				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	102.				%	1	10/09/25		40 - 130 %	C
% M8FOSA	91.1				%	1	10/09/25		40 - 130 %	C
% M8PFOA	93.0				%	1	10/09/25		40 - 130 %	C
% M8PFOS	93.3				%	1	10/09/25		40 - 130 %	C
% M9PFNA	96.4				%	1	10/09/25		40 - 130 %	C
% MPFBA	99.0				%	1	10/09/25		8 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-02 SURF

Phoenix I.D.: CU40205

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	103.			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	74.6			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	140.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	70.1			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	66.0			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	59.4			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	64.2			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	106.			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	77.4			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

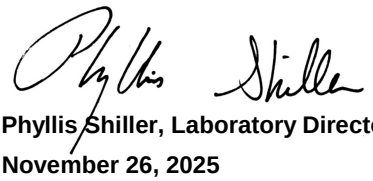
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	10:10
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40206

Project ID: 22003-0092
Client ID: 2SB-02 5-7.5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.43	0.43	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	84			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.20	1.00	1.00	pH Units	1	10/02/25 23:22	KG	SW846 9045D	
Redox Potential	272			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.60	0.298	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	15500	39	7.7	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	10.5	0.77	0.77	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	75.0	0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.84	0.31	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.43	0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-02 5-7.5

Phoenix I.D.: CU40206

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	2260		3.9	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	21.0		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	15.0		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
copper	33.8		0.8	0.39	mg/kg	1	10/07/25	CPP	SW6010D
iron	36900		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
lead	21.7		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5130		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	853		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.089	0.089	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	27.1		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1940	N	77	30	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	156		8	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	24.3		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	73.6		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	76				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	88				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1221	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1232	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1242	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1248	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1254	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1260	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1262	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1268	ND		0.077	0.077	mg/Kg	2	10/11/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	80				%	2	10/11/25	SC	30 - 150 %
% DCBP (Confirmation)	73				%	2	10/11/25	SC	30 - 150 %
% TCMX	69				%	2	10/11/25	SC	30 - 150 %
% TCMX (Confirmation)	65				%	2	10/11/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDE	ND		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0077	0.0077	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	67			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	58			%	2	10/12/25	KCA	30 - 150 %
% TCMX	59			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	62			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0063	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.094	0.05	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.038	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.063	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0063	0.0031	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0063	0.0025	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.063	0.063	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.063	0.025	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0063	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	98			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	102			%	1	10/05/25	HM	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	92			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.39	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND	0.078	0.078	mg/Kg	1	10/06/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.62	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.27	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND	0.62	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.39	0.07	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.47	0.18	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND	0.62	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.39	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND	0.27	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND	0.62	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND	0.39	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND	0.39	4.5	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND	0.78	0.16	mg/Kg	1	10/12/25	MR	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.39	0.39	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.27	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.39	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND	0.27	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND	0.39	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.78	0.39	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.27	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.27	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND	0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.39	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.39	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND	0.39	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	114			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	45			%	1	10/06/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	74			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorophenol	58			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	42			%	1	10/06/25	MR	30 - 130 %	
% Nitrobenzene-d5	91			%	1	10/12/25	MR	30 - 130 %	
% Phenol-d5	72			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	67			%	1	10/06/25	MR	30 - 130 %	
% Terphenyl-d14	71			%	1	10/12/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.540	0.156	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.540	0.158	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.540	0.194	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.540	0.0816	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.675	0.251	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.37	0.594	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.37	0.486	ug/kg	1	10/09/25		EPA 1633A	C

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Phoenix I.D.: CU40206

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.540	0.146	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.540	0.102	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.540	0.123	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.135	0.0452	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.135	0.0405	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.35	0.467	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.270	0.0364	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.135	0.0472	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.135	0.0459	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.35	0.476	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.135	0.0310	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.135	0.0371	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.135	0.0216	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.135	0.0344	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0356	J	0.135	0.0351	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.135	0.0425	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.135	0.0614	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0316	J	0.135	0.0270	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.135	0.00472	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0437	J	0.135	0.0310	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.540	0.111	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.135	0.0358	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0393	J	0.135	0.00944	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.388		0.135	0.0398	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0833	J	0.135	0.0189	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.135	0.0250	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0738	J	0.270	0.0567	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.135	0.0627	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.135	0.0364	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0270	J	0.135	0.0256	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.270	0.0526	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.270	0.0553	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.270	0.0796	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	81.4				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	78.6				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	69.2				%	1	10/09/25		20 - 130 %	C
% M3PFBS	85.6				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	83.1				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	73.9				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	77.3				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	80.9				%	1	10/09/25		35 - 130 %	C
% M6PFDA	83.1				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	82.9				%	1	10/09/25		40 - 130 %	C
% M8FOSA	76.5				%	1	10/09/25		40 - 130 %	C
% M8PFOA	80.9				%	1	10/09/25		40 - 130 %	C
% M8PFOS	80.1				%	1	10/09/25		40 - 130 %	C
% M9PFNA	79.5				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.6				%	1	10/09/25		8 - 130 %	C

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Phoenix I.D.: CU40206

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	77.9			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	42.6			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	87.2			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	60.9			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	59.8			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	54.1			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	62.6			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	82.4			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	76.8			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	10:20
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40207

Project ID: 22003-0092
Client ID: 2SB-02 7.5-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.46	0.46	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	79			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.09	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	259			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.63	0.316	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14000	37	7.4	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.7	3.7	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	4.57	0.74	0.74	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	67.9	0.7	0.37	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.64	0.30	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.39	0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-02 7.5-10

Phoenix I.D.: CU40207

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	12700		37	34	mg/Kg	10	10/07/25	CPP	SW6010D
chromium	17.4		0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	10.6		0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
copper	33.0		0.7	0.37	mg/kg	1	10/07/25	CPP	SW6010D
iron	26600		3.7	3.7	mg/Kg	1	10/07/25	CPP	SW6010D
lead	12.4		0.7	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5510		3.7	3.7	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	558		0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.095	0.095	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	23.3		0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	2160	N	74	29	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	145		7	3.2	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	21.2		0.37	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	81.5		0.7	0.37	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.31	0.31	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.6	1.6	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.31	0.31	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.31	0.31	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	86				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	100				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1221	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1232	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1242	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1248	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1254	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1260	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1262	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
PCB-1268	ND		0.083	0.083	mg/Kg	2	10/12/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	78				%	2	10/12/25	SC	30 - 150 %
% DCBP (Confirmation)	68				%	2	10/12/25	SC	30 - 150 %
% TCMX	68				%	2	10/12/25	SC	30 - 150 %
% TCMX (Confirmation)	64				%	2	10/12/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0025	0.0025	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDE	ND		0.0025	0.0025	mg/Kg	2	10/12/25	KCA	SW8081B

Project ID: 22003-0092
Client ID: 2SB-02 7.5-10

Phoenix I.D.: CU40207

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0025	0.0025	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.0041	0.0041	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.0041	0.0041	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.0041	0.0041	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.041	0.041	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.0041	0.0041	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0017	0.0017	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	ND	0.0041	0.0041	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0083	0.0083	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.041	0.041	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.17	0.17	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	62			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	55			%	2	10/12/25	KCA	30 - 150 %
% TCMX	58			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	66			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0052	0.0011	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.078	0.042	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.031	0.0052	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.026	0.0052	mg/Kg	1	10/05/25	HM	SW8260D

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4-methyl-2-pentanone	ND	0.026	0.0052	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.052	0.0052	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0052	0.0026	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0052	0.0021	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.052	0.052	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.01	0.001	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.026	0.0052	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.052	0.021	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0052	0.001	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0052	0.00052	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0052	0.0052	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	98			%	1	10/05/25	HM	70 - 130 %

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% Toluene-d8	93			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.29	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.42	0.17	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND	0.084	0.084	mg/Kg	1	10/06/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.29	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.67	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.29	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND	0.67	0.29	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.42	0.075	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.5	0.2	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND	0.67	0.17	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.2	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.42	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND	0.29	0.17	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND	0.67	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND	1.2	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND	0.42	0.17	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND	0.42	4.8	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND	0.83	0.17	mg/Kg	1	10/12/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.42	0.42	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.29	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.29	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.42	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND	0.29	0.21	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND	0.42	0.21	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.21	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.83	0.42	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.29	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND	0.29	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.29	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.29	0.29	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND	0.29	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.42	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.21	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.42	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND	0.42	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	ND	0.29	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND	0.29	0.075	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	ND	0.29	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	103			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	47			%	1	10/06/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorophenol	55			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	52			%	1	10/06/25	MR	30 - 130 %	
% Nitrobenzene-d5	80			%	1	10/12/25	MR	30 - 130 %	
% Phenol-d5	64			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	71			%	1	10/06/25	MR	30 - 130 %	
% Terphenyl-d14	63			%	1	10/12/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.574	0.166	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.574	0.169	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.574	0.207	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.574	0.0869	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.718	0.267	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.59	0.632	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.59	0.518	ug/kg	1	10/09/25		EPA 1633A	C

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9Cl-PF3ONS	ND		0.574	0.155	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.574	0.108	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.574	0.131	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.144	0.0481	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.144	0.0431	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.44	0.497	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.287	0.0388	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.144	0.0502	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.144	0.0488	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.44	0.506	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.144	0.0330	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.144	0.0395	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.144	0.0230	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.144	0.0366	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.144	0.0373	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.144	0.0452	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.144	0.0653	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.144	0.0287	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.144	0.00502	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.144	0.0330	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.574	0.118	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.144	0.0380	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.144	0.0100	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND		0.144	0.0424	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0344	J	0.144	0.0201	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.144	0.0266	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.287	0.0603	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.144	0.0668	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.144	0.0388	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.144	0.0273	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.287	0.0560	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.287	0.0589	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.287	0.0847	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	82.6				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	76.8				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	72.8				%	1	10/09/25		20 - 130 %	C
% M3PFBS	77.4				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	77.2				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	72.2				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	76.0				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	78.7				%	1	10/09/25		35 - 130 %	C
% M6PFDA	80.2				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	81.5				%	1	10/09/25		40 - 130 %	C
% M8FOSA	73.7				%	1	10/09/25		40 - 130 %	C
% M8PFOA	77.5				%	1	10/09/25		40 - 130 %	C
% M8PFOS	77.7				%	1	10/09/25		40 - 130 %	C
% M9PFNA	78.8				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.6				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	74.9			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	45.5			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	87.8			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	58.1			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	52.2			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	47.3			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	57.1			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	82.5			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	69.8			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	10:55
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40208

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/10/25	C/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/10/25	C/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.44	0.44	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	85			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.01	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	274			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.59	0.294	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	15800	36	7.3	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	9.13	0.73	0.73	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	250	0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.66	0.29	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.82	0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	2660		3.6	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	18.9		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	11.1		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
copper	47.9		0.7	0.36	mg/kg	1	10/07/25	CPP	SW6010D
iron	25300		3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
lead	931		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	4650		3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	701		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.837		0.088	0.088	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	22.6		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1310	N	73	28	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		2.0	2.0	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	51		7	3.1	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	27.5		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	328		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	84				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	99				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1221	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1232	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1242	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1248	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1254	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1260	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1262	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
PCB-1268	ND		0.078	0.078	mg/Kg	2	10/11/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	91				%	2	10/11/25	SC	30 - 150 %
% DCBP (Confirmation)	78				%	2	10/11/25	SC	30 - 150 %
% TCMX	82				%	2	10/11/25	SC	30 - 150 %
% TCMX (Confirmation)	75				%	2	10/11/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
4,4' -DDE	0.0028		0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B

Ver 3

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.012	0.0023	0.0023	mg/Kg	2	10/12/25	KCA	SW8081B
a-BHC	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
a-Chlordane	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Alachlor	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Aldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
b-BHC	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Chlordane	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
d-BHC	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Dieldrin	ND	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan I	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan II	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin aldehyde	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Endrin ketone	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
g-BHC	ND	0.0016	0.0016	mg/Kg	2	10/12/25	KCA	SW8081B
g-Chlordane	0.0045	0.0039	0.0039	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0078	0.0078	mg/Kg	2	10/12/25	KCA	SW8081B
Methoxychlor	ND	0.039	0.039	mg/Kg	2	10/12/25	KCA	SW8081B
Toxaphene	ND	0.16	0.16	mg/Kg	2	10/12/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	81			%	2	10/12/25	KCA	30 - 150 %
% DCBP (Confirmation)	65			%	2	10/12/25	KCA	30 - 150 %
% TCMX	75			%	2	10/12/25	KCA	30 - 150 %
% TCMX (Confirmation)	64			%	2	10/12/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0059	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.089	0.048	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.036	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.03	0.0059	mg/Kg	1	10/05/25	HM	SW8260D

Ver 3

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.03	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.059	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0059	0.003	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0059	0.0024	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.059	0.059	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.03	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.059	0.024	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0059	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0059	0.00059	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0059	0.0059	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	92			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	106			%	1	10/05/25	HM	70 - 130 %

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	91				%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND		0.39	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND		0.077	0.077	mg/Kg	1	10/07/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND		0.62	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND		0.62	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.39	0.07	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.47	0.18	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND		0.62	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND		0.39	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND		0.27	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND		0.62	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND		1.1	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND		0.39	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND		0.39	4.5	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	0.27	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	0.28		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	0.42		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	0.17	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	0.16	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND		0.78	0.16	mg/Kg	1	10/12/25	MR	SW8270E	

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND		0.39	0.39	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND		0.27	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND		0.39	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND		0.27	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND		0.39	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	0.28		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND		0.19	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND		0.78	0.39	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND		0.27	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	0.41		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND		0.27	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	0.17	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND		0.39	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND		0.39	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND		0.39	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	0.27	J	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	0.36		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	97				%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	72				%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	60				%	1	10/07/25	KCA	30 - 130 %	
% 2-Fluorophenol	57				%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	88				%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	60				%	1	10/07/25	KCA	30 - 130 %	
% Phenol-d5	69				%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	60				%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	74				%	1	10/07/25	KCA	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.665	0.192	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.665	0.195	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.665	0.239	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.665	0.100	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND		0.831	0.309	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND		4.16	0.731	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND		4.16	0.599	ug/kg	1	10/09/25		EPA 1633A	C

Ver 3

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.665	0.180	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.665	0.125	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.665	0.151	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.166	0.0557	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.166	0.0499	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.66	0.575	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.332	0.0449	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.166	0.0582	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.166	0.0565	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.66	0.586	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.166	0.0382	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.166	0.0457	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.166	0.0266	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.166	0.0424	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0679	J	0.166	0.0432	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.166	0.0524	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.166	0.0756	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.153	J	0.166	0.0332	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.166	0.00582	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.133	J	0.166	0.0382	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.245	J	0.665	0.136	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.166	0.0440	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.143	J	0.166	0.0116	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.893		0.166	0.0490	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.851		0.166	0.0233	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.166	0.0307	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.264	J	0.332	0.0698	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.166	0.0773	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.166	0.0449	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0646	J	0.166	0.0316	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.332	0.0648	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.332	0.0681	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.332	0.0981	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	100.				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	134.				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	116.				%	1	10/09/25		20 - 130 %	C
% M3PFBS	97.5				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	92.7				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	89.0				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	94.9				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	95.5				%	1	10/09/25		35 - 130 %	C
% M6PFDA	102.				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	110.				%	1	10/09/25		40 - 130 %	C
% M8FOSA	88.1				%	1	10/09/25		40 - 130 %	C
% M8PFOA	95.7				%	1	10/09/25		40 - 130 %	C
% M8PFOS	95.8				%	1	10/09/25		40 - 130 %	C
% M9PFNA	98.6				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.7				%	1	10/09/25		8 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-03 SURF

Phoenix I.D.: CU40208

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	107.			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	70.4			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	125.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	74.5			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	71.3			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	64.6			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	71.3			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	102.			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	84.2			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

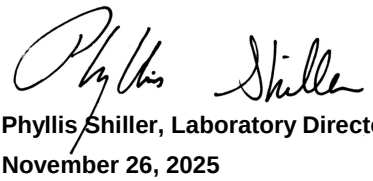
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	11:35
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40209

Project ID: 22003-0092
Client ID: 2SB-03 10-12.5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.45	0.45	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	87			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.63	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	273			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.57	0.287	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	20800	40	8.1	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	7.63	0.81	0.81	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	90.0	0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	1.20	0.32	0.16	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.57	0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-03 10-12.5

Phoenix I.D.: CU40209

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	3170		4.0	3.7	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	25.8		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	18.4		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
copper	53.9		0.8	0.40	mg/kg	1	10/07/25	CPP	SW6010D
iron	44300		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
lead	25.1		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	6630		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	835		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.086	0.086	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	36.3		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	2210	N	81	32	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.6	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	253		8	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	29.1		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	122		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	81				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	92				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	65				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	62				%	2	10/14/25	SC	30 - 150 %
% TCMX	69				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	69				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
4,4' -DDE	ND		0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
a-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
b-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
d-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan I	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan II	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin aldehyde	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin ketone	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	KCA	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	79			%	2	10/14/25	KCA	30 - 150 %
% DCBP (Confirmation)	65			%	2	10/14/25	KCA	30 - 150 %
% TCMX	66			%	2	10/14/25	KCA	30 - 150 %
% TCMX (Confirmation)	69			%	2	10/14/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0048	0.001	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.072	0.038	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.029	0.0048	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.024	0.0048	mg/Kg	1	10/05/25	HM	SW8260D

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4-methyl-2-pentanone	ND	0.024	0.0048	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.048	0.0048	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0048	0.0024	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0048	0.0019	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.048	0.048	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.0095	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.024	0.0048	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.048	0.019	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0048	0.00095	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0048	0.00048	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0048	0.0048	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	101			%	1	10/05/25	HM	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	92			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND	0.076	0.076	mg/Kg	1	10/06/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.6	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND	0.6	0.26	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.068	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND	0.6	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND	0.6	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND	0.76	0.15	mg/Kg	1	10/12/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.097	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND	0.26	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.76	0.38	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.26	0.097	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.26	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND	0.38	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND	0.26	0.068	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	109			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	46			%	1	10/06/25	MR	30 - 130 %	
% 2-Fluorophenol	56			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	85			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	45			%	1	10/06/25	MR	30 - 130 %	
% Phenol-d5	67			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	69			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	71			%	1	10/06/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.505	0.146	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.505	0.148	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.505	0.182	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.505	0.0763	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.631	0.235	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.15	0.555	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.15	0.455	ug/kg	1	10/09/25		EPA 1633A	C

Ver 3

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.505	0.136	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.505	0.0953	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.505	0.115	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.126	0.0423	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.126	0.0378	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.26	0.436	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.252	0.0341	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.126	0.0442	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.126	0.0429	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.26	0.445	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.126	0.0290	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.126	0.0347	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.126	0.0202	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.126	0.0322	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.126	0.0328	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.126	0.0397	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.126	0.0574	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.126	0.0252	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.126	0.00442	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.126	0.0290	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.505	0.103	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.126	0.0334	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.126	0.00883	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND		0.126	0.0372	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0345	J	0.126	0.0177	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.126	0.0233	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.252	0.0530	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.126	0.0587	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.126	0.0341	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.126	0.0240	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.252	0.0492	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.252	0.0517	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.252	0.0744	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	97.4				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	88.2				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	84.4				%	1	10/09/25		20 - 130 %	C
% M3PFBS	89.3				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	91.3				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	85.9				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	89.9				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	93.4				%	1	10/09/25		35 - 130 %	C
% M6PFDA	95.8				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	94.9				%	1	10/09/25		40 - 130 %	C
% M8FOSA	89.1				%	1	10/09/25		40 - 130 %	C
% M8PFOA	91.8				%	1	10/09/25		40 - 130 %	C
% M8PFOS	92.9				%	1	10/09/25		40 - 130 %	C
% M9PFNA	91.8				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.8				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	92.1			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	52.2			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	101.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	71.7			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	68.8			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	63.7			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	71.2			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	93.2			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	79.3			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	11:35
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40210

Project ID: 22003-0092
Client ID: 2SB-03 12.5-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
PFAS (40) by EPA 1633 (Re-extraction)	Completed					10/10/25		EPA 1633A	
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.42	0.42	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	88			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.01	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	276			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.57	0.284	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	17400	38	7.6	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.8	3.8	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	5.78	0.76	0.76	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	148	0.8	0.38	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.97	0.30	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.57		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
calcium	3300		3.8	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	22.8		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	16.2		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
copper	46.5		0.8	0.38	mg/kg	1	10/07/25	CPP	SW6010D
iron	39100		3.8	3.8	mg/Kg	1	10/07/25	CPP	SW6010D
lead	19.8		0.8	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	6130		3.8	3.8	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	1310		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.085	0.085	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	32.5		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1930	N	76	30	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	199		8	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	24.8		0.38	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	127		0.8	0.38	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	87				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	102				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	74				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	79				%	2	10/14/25	SC	30 - 150 %
% TCMX	78				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	68				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
a-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
b-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
d-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan I	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan II	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin aldehyde	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin ketone	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	KCA	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	78			%	2	10/14/25	KCA	30 - 150 %
% DCBP (Confirmation)	63			%	2	10/14/25	KCA	30 - 150 %
% TCMX	68			%	2	10/14/25	KCA	30 - 150 %
% TCMX (Confirmation)	71			%	2	10/14/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0043	0.00093	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.064	0.034	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.026	0.0043	mg/Kg	1	10/05/25	HM	SW8260D

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Client ID: 2SB-03 12.5-15

Phoenix I.D.: CU40210

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.021	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
4-methyl-2-pentanone	ND	0.021	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.043	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0043	0.0021	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0043	0.0017	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.043	0.043	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.0085	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.021	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.043	0.017	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0043	0.00085	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0043	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	94			%	1	10/05/25	HM	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	99			%	1	10/05/25	HM	70 - 130 %	
% Toluene-d8	92			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.37	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/06/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.59	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND	0.59	0.26	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.37	0.067	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND	0.59	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.37	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND	0.59	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND	0.37	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND	0.37	4.3	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	

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Benzoic acid	ND	0.74	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl Alcohol	ND	0.37	0.37	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.096	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.37	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND	0.26	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND	0.37	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.74	0.37	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.26	0.096	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND	0.26	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.37	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.37	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND	0.37	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND	0.26	0.067	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	95			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	43			%	1	10/06/25	KCA	30 - 130 %	
% 2-Fluorophenol	60			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	87			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	43			%	1	10/06/25	KCA	30 - 130 %	
% Phenol-d5	68			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	60			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	75			%	1	10/06/25	KCA	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.543	0.157	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.543	0.160	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.543	0.196	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.543	0.0821	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.679	0.252	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	3.39	0.597	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		3.39	0.489	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.543	0.147	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.543	0.102	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.543	0.124	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.136	0.0455	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.136	0.0407	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.36	0.470	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.272	0.0367	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.136	0.0475	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.136	0.0462	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.36	0.479	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.136	0.0312	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.136	0.0373	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.136	0.0217	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.136	0.0346	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.136	0.0353	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.136	0.0428	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.136	0.0618	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.136	0.0272	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.136	0.00475	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.136	0.0312	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.543	0.111	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.136	0.0360	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.136	0.00950	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND		0.136	0.0400	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0278	J	0.136	0.0190	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.136	0.0251	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.272	0.0570	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.136	0.0631	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.136	0.0367	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.136	0.0258	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.272	0.0530	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.272	0.0557	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.272	0.0801	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	82.3				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	71.5				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	60.4				%	1	10/11/25		20 - 130 %	C
% M3PFBS	74.3				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	78.2				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	77.7				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	68.4				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	85.4				%	1	10/11/25		35 - 130 %	C
% M6PFDA	76.2				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	73.0				%	1	10/11/25		40 - 130 %	C
% M8FOSA	70.0				%	1	10/11/25		40 - 130 %	C
% M8PFOA	76.3				%	1	10/11/25		40 - 130 %	C
% M8PFOS	75.9				%	1	10/11/25		40 - 130 %	C
% M9PFNA	79.4				%	1	10/11/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	106.			%	1	10/11/25		8 - 130 %	C
% MPFDoA	67.5			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	51.8			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	54.9			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	59.7			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	62.0			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	42.8			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	52.4			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	80.7			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	87.7			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	15:30
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40211

Project ID: 22003-0092
Client ID: 2SB-04 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.44	0.44	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	84			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.22	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	273			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.60	0.298	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14700	39	7.8	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	8.98	0.78	0.78	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	237	0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.55	0.31	0.16	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.80	0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	

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Phoenix I.D.: CU40211

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	33200		39	36	mg/Kg	10	10/07/25	CPP	SW6010D
chromium	17.6		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	9.01		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
copper	39.6		0.8	0.39	mg/kg	1	10/07/25	CPP	SW6010D
iron	23100		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
lead	1350		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	8930		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	574		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.935		0.089	0.089	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	21.0		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1410	N	78	31	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.6	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	137		8	3.4	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	34.1		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	377		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	85				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	100				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.079	0.079	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	55				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	58				%	2	10/14/25	SC	30 - 150 %
% TCMX	61				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	51				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0024	0.0024	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	0.042		0.0024	0.0024	mg/Kg	2	10/14/25	AW	SW8081B

Project ID: 22003-0092
Client ID: 2SB-04 SURF

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.039	0.0024	0.0024	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	0.02	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	0.11	0.039	0.039	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	0.006	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0016	0.0016	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	0.027	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0079	0.0079	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.039	0.039	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.16	0.16	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	49			%	2	10/14/25	AW	30 - 150 %
% TCMX	52			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0062	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.093	0.05	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.037	0.0062	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.031	0.0062	mg/Kg	1	10/05/25	HM	SW8260D

Project ID: 22003-0092
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Phoenix I.D.: CU40211

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.031	0.0062	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.062	0.0062	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0062	0.0031	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0062	0.0025	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.062	0.062	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.031	0.0062	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.062	0.025	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0062	0.0012	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0062	0.00062	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0062	0.0062	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	92			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	101			%	1	10/05/25	HM	70 - 130 %

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Client ID: 2SB-04 SURF

Phoenix I.D.: CU40211

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	91				%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND		0.39	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND		0.079	0.079	mg/Kg	1	10/07/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND		0.62	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND		0.62	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.39	0.07	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.47	0.18	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND		0.62	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND		0.39	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND		0.27	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND		0.62	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND		1.1	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND		0.39	0.16	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND		0.39	4.5	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	0.48		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	0.46		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	0.69		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	0.25	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	0.23	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND		0.78	0.16	mg/Kg	1	10/12/25	MR	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.39	0.39	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.27	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.39	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND	0.27	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND	0.39	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	0.44	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.78	0.39	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.27	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	0.77	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.27	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND	0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	0.28	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND	0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.39	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.39	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND	0.39	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	0.43	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND	0.27	0.07	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	0.66	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	94			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	52			%	1	10/07/25	KCA	30 - 130 %	
% 2-Fluorophenol	53			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	80			%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	52			%	1	10/07/25	KCA	30 - 130 %	
% Phenol-d5	62			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	58			%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	69			%	1	10/07/25	KCA	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.699	0.202	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.699	0.205	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.699	0.252	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.699	0.106	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.873	0.325	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	4.37	0.769	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	4.37	0.630	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.699	0.189	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.699	0.132	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.699	0.159	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.175	0.0585	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.175	0.0524	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.75	0.604	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.349	0.0472	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.175	0.0611	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.175	0.0594	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.75	0.616	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.175	0.0402	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.175	0.0480	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.175	0.0279	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.175	0.0445	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.104	J	0.175	0.0454	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.175	0.0550	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.175	0.0795	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.140	J	0.175	0.0349	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.175	0.00611	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.126	J	0.175	0.0402	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.176	J	0.699	0.143	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.175	0.0463	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.243		0.175	0.0122	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.10		0.175	0.0515	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.768		0.175	0.0244	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.175	0.0323	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.158	J	0.349	0.0734	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.175	0.0812	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.175	0.0472	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.101	J	0.175	0.0332	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.349	0.0681	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.349	0.0716	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.349	0.103	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	93.2				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	107.				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	92.8				%	1	10/09/25		20 - 130 %	C
% M3PFBS	90.4				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	86.0				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	82.7				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	86.7				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	86.6				%	1	10/09/25		35 - 130 %	C
% M6PFDA	90.9				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	91.3				%	1	10/09/25		40 - 130 %	C
% M8FOSA	85.7				%	1	10/09/25		40 - 130 %	C
% M8PFOA	88.2				%	1	10/09/25		40 - 130 %	C
% M8PFOS	89.4				%	1	10/09/25		40 - 130 %	C
% M9PFNA	86.4				%	1	10/09/25		40 - 130 %	C
% MPFBA	98.9				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	93.2			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	65.6			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	116.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	68.9			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	59.1			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	60.4			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	69.6			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	94.0			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	80.2			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	14:55
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40212

Project ID: 22003-0092
Client ID: 2SB-04 0-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/13/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.44	0.44	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	85			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.06	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	276			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/11/25	ND/A	SW3546	
Total Cyanide	ND	0.59	0.294	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	11000	41	8.3	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	5.8	5.8	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	16.7	0.83	0.83	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	276	0.8	0.41	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.44	0.33	0.17	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	2.35	0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	22300		41	38	mg/Kg	10	10/07/25	CPP	SW6010D
chromium	15.5		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	19.9		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
copper	82.6		0.8	0.41	mg/kg	1	10/07/25	CPP	SW6010D
iron	154000		41	41	mg/Kg	10	10/07/25	CPP	SW6010D
lead	1410		0.8	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	6060		4.1	4.1	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	454		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	1.34		0.088	0.088	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	29.4		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1150	N	83	32	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.7	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	244		8	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.7	1.7	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	38.1		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	436		0.8	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	83				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	96				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.077	0.077	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	62				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	63				%	2	10/14/25	SC	30 - 150 %
% TCMX	68				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	55				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	0.023		0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B

Project ID: 22003-0092
Client ID: 2SB-04 0-5

Phoenix I.D.: CU40212

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.049	0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	0.018	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	0.087	0.039	0.039	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	0.013	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	0.02	0.0039	0.0039	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0077	0.0077	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.039	0.039	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	54			%	2	10/14/25	AW	30 - 150 %
% TCMX	61			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	63			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0069	0.0015	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.1	0.055	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.041	0.0069	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.034	0.0069	mg/Kg	1	10/05/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.034	0.0069	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.069	0.0069	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0069	0.0034	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0069	0.0028	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.069	0.069	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.014	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.034	0.0069	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.069	0.028	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0069	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0069	0.00069	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0069	0.0069	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	89			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	101			%	1	10/05/25	HM	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	91				%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND		0.38	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
1,4-dioxane	ND		0.076	0.076	mg/Kg	1	10/07/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrophenol	ND		0.61	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Chlorophenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylnaphthalene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitroaniline	ND		0.61	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
2-Nitrophenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.38	0.069	mg/Kg	1	10/12/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.46	0.18	mg/Kg	1	10/12/25	MR	SW8270E	
3-Nitroaniline	ND		0.61	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND		0.38	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chloroaniline	ND		0.27	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitroaniline	ND		0.61	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
4-Nitrophenol	ND		1.1	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Acenaphthylene	0.14	J	0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Aniline	ND		0.38	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Anthracene	0.25	J	0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Atrazine	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzaldehyde	ND		0.27	0.2	mg/Kg	1	10/12/25	MR	SW8270E	
Benzidine	ND		0.38	4.5	mg/Kg	1	10/12/25	MR	SW8270E	
benzo(a)anthracene	0.97		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(a)pyrene	0.91		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(b)fluoranthene	1.4		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(ghi)perylene	0.53		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Benzo(k)fluoranthene	0.48		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Benzoic acid	ND		0.77	0.15	mg/Kg	1	10/12/25	MR	SW8270E	

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Benzyl Alcohol	ND		0.38	0.38	mg/Kg	1	10/12/25	MR	SW8270E	
Benzyl butyl phthalate	ND		0.27	0.099	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND		0.38	0.1	mg/Kg	1	10/12/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	2.6		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Caprolactam	ND		0.27	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Carbazole	ND		0.38	0.19	mg/Kg	1	10/12/25	MR	SW8270E	
Chrysene	0.9		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenz(a,h)anthracene	0.13	J	0.19	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dibenzofuran	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Diethyl phthalate	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Dimethylphthalate	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-butylphthalate	ND		0.77	0.38	mg/Kg	1	10/12/25	MR	SW8270E	
Di-n-octylphthalate	ND		0.27	0.099	mg/Kg	1	10/12/25	MR	SW8270E	
Fluoranthene	2.2		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Fluorene	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobenzene	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorobutadiene	ND		0.27	0.14	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND		0.27	0.27	mg/Kg	1	10/12/25	MR	SW8270E	
Hexachloroethane	ND		0.27	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	0.55		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
Isophorone	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Naphthalene	ND		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Nitrobenzene	ND		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodimethylamine	ND		0.38	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/12/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND		0.38	0.15	mg/Kg	1	10/12/25	MR	SW8270E	
Pentachlorophenol	ND		0.38	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
Phenanthrene	1.3		0.27	0.11	mg/Kg	1	10/12/25	MR	SW8270E	
Phenol	ND		0.27	0.069	mg/Kg	1	10/12/25	MR	SW8270E	
Pyrene	1.7		0.27	0.13	mg/Kg	1	10/12/25	MR	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	101				%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	69				%	1	10/12/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	58				%	1	10/07/25	KCA	30 - 130 %	
% 2-Fluorophenol	55				%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	83				%	1	10/12/25	MR	30 - 130 %	
% Nitrobenzene-d5	59				%	1	10/07/25	KCA	30 - 130 %	
% Phenol-d5	66				%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	64				%	1	10/12/25	MR	30 - 130 %	
% Terphenyl-d14	62				%	1	10/07/25	KCA	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.716	0.207	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.716	0.210	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.716	0.258	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.716	0.108	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND		0.894	0.333	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND		4.47	0.787	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND		4.47	0.645	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.716	0.193	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.716	0.135	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.716	0.163	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.179	0.0599	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.179	0.0537	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.79	0.619	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.358	0.0483	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.179	0.0626	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.179	0.0608	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.79	0.631	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.179	0.0412	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.179	0.0492	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.179	0.0286	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.179	0.0456	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0539	J	0.179	0.0465	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.179	0.0564	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.179	0.0814	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.109	J	0.179	0.0358	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.179	0.00626	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.107	J	0.179	0.0412	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.163	J	0.716	0.147	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.179	0.0474	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.161	J	0.179	0.0125	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.16		0.179	0.0528	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.579		0.179	0.0250	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.179	0.0331	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.157	J	0.358	0.0751	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.179	0.0832	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.179	0.0483	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.179	0.0340	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.358	0.0698	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.358	0.0734	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.358	0.106	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	94.6				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	105.				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	100.				%	1	10/09/25		20 - 130 %	C
% M3PFBS	83.1				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	83.9				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	80.1				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	87.1				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	84.0				%	1	10/09/25		35 - 130 %	C
% M6PFDA	92.1				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	92.9				%	1	10/09/25		40 - 130 %	C
% M8FOSA	80.5				%	1	10/09/25		40 - 130 %	C
% M8PFOA	88.2				%	1	10/09/25		40 - 130 %	C
% M8PFOS	84.6				%	1	10/09/25		40 - 130 %	C
% M9PFNA	86.2				%	1	10/09/25		40 - 130 %	C
% MPFBA	99.9				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	92.2			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	58.2			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	107.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	66.7			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	67.4			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	63.7			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	70.3			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	92.7			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	77.3			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	14:50
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40213

Project ID: 22003-0092
Client ID: 2SB-04 10-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.38	0.38	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	92			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.61	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	247			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	ND	0.54	0.272	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14800	35	7.0	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	5.22	0.70	0.70	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	44.8	0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.73	0.28	0.14	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.46	0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	27300		35	32	mg/Kg	10	10/07/25	CPP	SW6010D
chromium	18.2		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	12.2		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
copper	46.1		0.7	0.35	mg/kg	1	10/07/25	CPP	SW6010D
iron	30700		3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
lead	17.2		0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	6990		3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	435		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.082	0.082	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	26.9		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1890	N	70	27	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	354		7	3.0	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	22.1		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	115		0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	82				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	93				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	65				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	63				%	2	10/14/25	SC	30 - 150 %
% TCMX	78				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	77				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/14/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	76			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	62			%	2	10/14/25	AW	30 - 150 %
% TCMX	69			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	68			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0043	0.00094	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.064	0.034	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.026	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.021	0.0043	mg/Kg	1	10/05/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.021	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.043	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0043	0.0021	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0043	0.0017	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.043	0.043	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.0086	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.021	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.043	0.017	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0043	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0043	0.00043	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0043	0.0043	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	95			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	98			%	1	10/05/25	HM	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	93			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND	0.072	0.072	mg/Kg	1	10/07/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.58	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND	0.58	0.25	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.065	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND	0.58	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND	0.58	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND	1	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/13/25	MR	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.093	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.25	0.093	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.36	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.25	0.065	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	73			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	58			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	46			%	1	10/07/25	KCA	30 - 130 %	
% 2-Fluorophenol	60			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	61			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	47			%	1	10/07/25	KCA	30 - 130 %	
% Phenol-d5	60			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	66			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	72			%	1	10/07/25	KCA	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.664	0.192	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.664	0.195	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.664	0.239	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.664	0.100	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.830	0.309	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	4.15	0.731	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	4.15	0.599	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND	0.664	0.179	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND	0.664	0.125	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND	0.664	0.151	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND	0.166	0.0556	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND	0.166	0.0498	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND	1.66	0.575	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND	0.332	0.0448	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND	0.166	0.0581	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND	0.166	0.0565	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND	1.66	0.585	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.166	0.0382	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.166	0.0457	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.166	0.0266	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.166	0.0424	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.166	0.0432	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.166	0.0523	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.166	0.0756	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.166	0.0332	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.166	0.00581	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.166	0.0382	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.664	0.136	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.166	0.0440	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.166	0.0116	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.166	0.0490	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.166	0.0232	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.166	0.0307	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.332	0.0698	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.166	0.0772	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.166	0.0448	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.166	0.0316	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND	0.332	0.0648	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND	0.332	0.0681	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND	0.332	0.0980	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	99.1			%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	83.3			%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	91.7			%	1	10/09/25		20 - 130 %	C
% M3PFBS	85.1			%	1	10/09/25		40 - 135 %	C
% M3PFHxS	90.5			%	1	10/09/25		40 - 130 %	C
% M4PFHpA	82.5			%	1	10/09/25		40 - 130 %	C
% M5PFHxA	87.6			%	1	10/09/25		40 - 130 %	C
% M5PFPeA	86.8			%	1	10/09/25		35 - 130 %	C
% M6PFDA	90.6			%	1	10/09/25		40 - 130 %	C
% M7PFUdA	91.5			%	1	10/09/25		40 - 130 %	C
% M8FOSA	87.5			%	1	10/09/25		40 - 130 %	C
% M8PFOA	88.0			%	1	10/09/25		40 - 130 %	C
% M8PFOS	90.4			%	1	10/09/25		40 - 130 %	C
% M9PFNA	84.7			%	1	10/09/25		40 - 130 %	C
% MPFBA	99.4			%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	83.9			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	55.9			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	99.1			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	72.6			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	72.6			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	71.2			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	79.5			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	93.3			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	83.0			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	12:45
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40214

Project ID: 22003-0092
Client ID: 2SB-05 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/03/25	A/A	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.48	0.48	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	80			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.87	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	259			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	0.81	0.63	0.312	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	12700	39	7.7	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	8.17	0.77	0.77	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	717	0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.51	0.31	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	1.12	0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	

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calcium	18700		39	35	mg/Kg	10	10/07/25	CPP	SW6010D
chromium	25.2		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	8.86		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
copper	40.3		0.8	0.39	mg/kg	1	10/07/25	CPP	SW6010D
iron	23400		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
lead	5670		7.7	3.9	mg/Kg	10	10/07/25	CPP	SW6010D
magnesium	6460		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	582		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.833		0.094	0.094	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	22.5		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1430	N	77	30	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	123		8	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	36.3		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	777		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-D	ND		0.31	0.31	mg/Kg	10	10/08/25	JRB	SW8151A
2,4-DB	ND		1.6	1.6	mg/Kg	10	10/08/25	JRB	SW8151A
Dalapon	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
Dicamba	ND		0.16	0.16	mg/Kg	10	10/08/25	JRB	SW8151A
Dichloroprop	ND		0.31	0.31	mg/Kg	10	10/08/25	JRB	SW8151A
Dinoseb	ND		0.31	0.31	mg/Kg	10	10/08/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	89				%	10	10/08/25	JRB	30 - 150 %
% DCAA (Confirmation)	108				%	10	10/08/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.083	0.083	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	55				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	59				%	2	10/14/25	SC	30 - 150 %
% TCMX	60				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	52				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0025	0.0025	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	0.017		0.0025	0.0025	mg/Kg	2	10/14/25	AW	SW8081B

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4,4' -DDT	0.031	0.0025	0.0025	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	0.031	0.0042	0.0042	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0042	0.0042	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0042	0.0042	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	0.19	0.042	0.042	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	ND	0.0042	0.0042	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0017	0.0017	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	0.035	0.0042	0.0042	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0083	0.0083	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.042	0.042	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.17	0.17	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	55			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	48			%	2	10/14/25	AW	30 - 150 %
% TCMX	44			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0063	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.094	0.05	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.038	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D

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4-methyl-2-pentanone	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.063	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0063	0.0031	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0063	0.0025	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.063	0.063	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.063	0.025	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0063	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	87			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	103			%	1	10/05/25	HM	70 - 130 %

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% Toluene-d8	90				%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND		0.28	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND		0.41	0.16	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND		0.083	0.083	mg/Kg	1	10/07/25	KCA	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.28	0.11	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND		0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND		0.65	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND		0.28	0.16	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND		0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND		0.65	0.28	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.41	0.073	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.49	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND		0.65	0.16	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.2	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND		0.41	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND		0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND		0.28	0.16	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND		0.65	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND		1.2	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND		0.28	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND		0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND		0.41	0.16	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND		0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND		0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND		0.41	4.7	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	0.54		0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	0.54		0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	0.76		0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	0.37		0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	0.23	J	0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND		0.81	0.16	mg/Kg	1	10/13/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.41	0.41	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.28	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.28	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.41	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.28	0.2	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.41	0.2	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	0.56	0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.2	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.81	0.41	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.28	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	1.2	0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.28	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.28	0.28	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	0.39	0.28	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.28	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.41	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.2	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.41	0.16	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.41	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	0.71	0.28	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.28	0.073	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	1	0.28	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	68			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	59			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	10/07/25	KCA	30 - 130 %	
% 2-Fluorophenol	58			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	59			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	45			%	1	10/07/25	KCA	30 - 130 %	
% Phenol-d5	60			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	64			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	73			%	1	10/07/25	KCA	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.745	0.215	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.745	0.219	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.745	0.268	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.745	0.113	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.932	0.346	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	4.66	0.820	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	4.66	0.672	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.745	0.201	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.745	0.141	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.745	0.170	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.186	0.0624	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.186	0.0559	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.86	0.645	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.373	0.0503	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.186	0.0652	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.186	0.0633	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.86	0.657	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.186	0.0428	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.186	0.0512	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.186	0.0298	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.186	0.0475	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.344		0.186	0.0484	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.186	0.0587	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.184	J	0.186	0.0848	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.160	J	0.186	0.0373	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.186	0.00652	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.168	J	0.186	0.0428	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.334	J	0.745	0.153	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.186	0.0494	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.400		0.186	0.0130	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.64		0.186	0.0550	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.576		0.186	0.0261	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.186	0.0345	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.271	J	0.373	0.0782	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	0.128	J	0.186	0.0866	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.189		0.186	0.0503	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.353		0.186	0.0354	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.373	0.0727	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.373	0.0764	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.373	0.110	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	98.1				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	181.				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	110.				%	1	10/09/25		20 - 130 %	C
% M3PFBS	86.3				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	84.1				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	82.0				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	89.0				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	84.6				%	1	10/09/25		35 - 130 %	C
% M6PFDA	92.6				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	98.7				%	1	10/09/25		40 - 130 %	C
% M8FOSA	98.1				%	1	10/09/25		40 - 130 %	C
% M8PFOA	86.6				%	1	10/09/25		40 - 130 %	C
% M8PFOS	87.3				%	1	10/09/25		40 - 130 %	C
% M9PFNA	83.1				%	1	10/09/25		40 - 130 %	C
% MPFBA	99.5				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	101.			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	78.4			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	136.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	69.8			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	51.9			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	59.2			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	69.7			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	112.			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	80.5			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	14:30
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40215

Project ID: 22003-0092
Client ID: 2SB-05 5-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/08/25	JLI		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.43	0.43	mg/Kg	1	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	87			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.00	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	253			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	ND	0.57	0.287	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	12900	35	7.1	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	4.42	0.71	0.71	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	57.4	0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.53	0.28	0.14	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	ND	0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	1390		3.5	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	16.4		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	9.12		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
copper	25.2		0.7	0.35	mg/kg	1	10/07/25	CPP	SW6010D
iron	24500		3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
lead	102		0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5280		3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	577		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.086	0.086	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	21.5		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1770	N	71	28	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	253		7	3.1	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	19.7		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	74.6		0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	85				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	104				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	63				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	65				%	2	10/14/25	SC	30 - 150 %
% TCMX	67				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	55				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	ND		0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0076	0.0076	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	54			%	2	10/14/25	AW	30 - 150 %
% TCMX	64			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	59			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,1,1-trichloroethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,1,2-trichloroethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,1-dichloroethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,1-dichloroethylene	ND	0.0047	0.001	mg/Kg	1	10/07/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,2-dibromoethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,2-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,2-dichloroethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,2-dichloropropane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
1,3,5-trimethylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,3-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,4-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
1,4-dioxane	ND	0.071	0.038	mg/Kg	1	10/07/25	JLI	SW8260D
2-butanone (MEK)	ND	0.028	0.0047	mg/Kg	1	10/07/25	JLI	SW8260D
2-hexanone	ND	0.024	0.0047	mg/Kg	1	10/07/25	JLI	SW8260D

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4-methyl-2-pentanone	ND	0.024	0.0047	mg/Kg	1	10/07/25	JLI	SW8260D
acetone	ND	0.047	0.0047	mg/Kg	1	10/07/25	JLI	SW8260D
acrolein	ND	0.0047	0.0024	mg/Kg	1	10/07/25	JLI	SW8260D
acrylonitrile	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
benzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
bromochloromethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
bromodichloromethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
Bromoform	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
bromomethane	ND	0.0047	0.0019	mg/Kg	1	10/07/25	JLI	SW8260D
carbon disulfide	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
carbon tetrachloride	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
chlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
chloroethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
chloroform	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
chloromethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
cis-1,2-dichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
cis-1,3-dichloropropylene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
cyclohexane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
dibromochloromethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
dibromomethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
dichlorodifluoromethane	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
ethyl benzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
hexachlorobutadiene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
isopropylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
methyl acetate	ND	0.047	0.047	mg/Kg	1	10/07/25	JLI	SW8260D
methyl tert-butyl ether	ND	0.0094	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
methylcyclohexane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
methylene chloride	ND	0.024	0.0047	mg/Kg	1	10/07/25	JLI	SW8260D
n-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
n-propylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
o-xylene	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
p- & m- xylenes	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
p-isopropyltoluene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
sec-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
styrene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
tert-butyl alcohol	ND	0.047	0.019	mg/Kg	1	10/07/25	JLI	SW8260D
tert-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
tetrachloroethylene	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
toluene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
trans-1,2-dichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
trans-1,3-dichloropropylene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
trichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
trichlorofluoromethane	ND	0.0047	0.00094	mg/Kg	1	10/07/25	JLI	SW8260D
vinyl chloride	ND	0.0047	0.00047	mg/Kg	1	10/07/25	JLI	SW8260D
xylenes, total	ND	0.0047	0.0047	mg/Kg	1	10/07/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/07/25	JLI	70 - 130 %
% Bromofluorobenzene	102			%	1	10/07/25	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	10/07/25	JLI	70 - 130 %

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% Toluene-d8	100			%	1	10/07/25	JLI	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.61	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.27	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND	0.61	0.27	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.068	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.46	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND	0.61	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND	0.27	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND	0.61	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND	0.76	0.15	mg/Kg	1	10/13/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.27	0.098	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.27	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.27	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.76	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.27	0.098	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.27	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.27	0.27	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.38	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.27	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	63			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	50			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	53			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	50			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	51			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	54			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	50			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	58			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	69			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.612	0.177	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.612	0.180	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.612	0.220	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.612	0.0926	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.765	0.285	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.83	0.673	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.83	0.552	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.612	0.165	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.612	0.116	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.612	0.139	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.153	0.0513	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.153	0.0459	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.53	0.530	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.306	0.0413	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.153	0.0536	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.153	0.0520	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.53	0.540	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.153	0.0352	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.153	0.0421	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.153	0.0245	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.153	0.0390	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.153	0.0398	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.153	0.0482	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.153	0.0696	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0559	J	0.153	0.0306	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.153	0.00536	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0422	J	0.153	0.0352	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.612	0.126	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.153	0.0406	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.153	0.0107	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.144	J	0.153	0.0452	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.108	J	0.153	0.0214	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.153	0.0283	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.306	0.0643	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.153	0.0712	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.153	0.0413	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.153	0.0291	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.306	0.0597	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.306	0.0628	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.306	0.0903	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	92.2				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	83.4				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	91.8				%	1	10/09/25		20 - 130 %	C
% M3PFBS	80.2				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	80.5				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	73.1				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	77.6				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	74.7				%	1	10/09/25		35 - 130 %	C
% M6PFDA	87.4				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	87.2				%	1	10/09/25		40 - 130 %	C
% M8FOSA	78.9				%	1	10/09/25		40 - 130 %	C
% M8PFOA	80.1				%	1	10/09/25		40 - 130 %	C
% M8PFOS	81.7				%	1	10/09/25		40 - 130 %	C
% M9PFNA	77.0				%	1	10/09/25		40 - 130 %	C
% MPFBA	99.3				%	1	10/09/25		8 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-05 5-7

Phoenix I.D.: CU40215

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	86.5			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	46.1			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	90.3			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	65.0			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	64.6			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	58.7			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	66.6			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	90.0			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	73.6			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	11:55
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40216

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	5.8	5.8	mg/Kg	10	10/07/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	69			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.44	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	200			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	ND	0.72	0.362	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14000	48	9.5	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	4.8	4.8	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	5.43	0.95	0.95	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	161	1.0	0.48	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.53	0.38	0.19	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.65	0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	6740		4.8	4.4	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	16.4		0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	8.68		0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
copper	32.9		1.0	0.48	mg/kg	1	10/07/25	CPP	SW6010D
iron	21000		4.8	4.8	mg/Kg	1	10/07/25	CPP	SW6010D
lead	697		1.0	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	4790		4.8	4.8	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	550		0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	1.01		0.11	0.11	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	24.1		0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1590	N	95	37	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.9	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	70		10	4.1	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.9	1.9	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	34.5		0.48	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	275		1.0	0.48	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.18	0.18	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.18	0.18	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.35	0.35	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.8	1.8	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.18	0.18	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.18	0.18	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.35	0.35	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.35	0.35	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	90				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	108				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.096	0.096	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	49				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	53				%	2	10/14/25	SC	30 - 150 %
% TCMX	57				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	48				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0029	0.0029	mg/Kg	2	10/14/25	KCA	SW8081B
4,4' -DDE	ND		0.0029	0.0029	mg/Kg	2	10/14/25	KCA	SW8081B

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0029	0.0029	mg/Kg	2	10/14/25	KCA	SW8081B
a-BHC	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
a-Chlordane	ND	0.0048	0.0048	mg/Kg	2	10/14/25	KCA	SW8081B
Alachlor	ND	0.0048	0.0048	mg/Kg	2	10/14/25	KCA	SW8081B
Aldrin	ND	0.0048	0.0048	mg/Kg	2	10/14/25	KCA	SW8081B
b-BHC	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Chlordane	ND	0.048	0.048	mg/Kg	2	10/14/25	KCA	SW8081B
d-BHC	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Dieldrin	ND	0.0048	0.0048	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan I	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan II	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin aldehyde	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin ketone	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
g-BHC	ND	0.0019	0.0019	mg/Kg	2	10/14/25	KCA	SW8081B
g-Chlordane	ND	0.0048	0.0048	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0096	0.0096	mg/Kg	2	10/14/25	KCA	SW8081B
Methoxychlor	ND	0.048	0.048	mg/Kg	2	10/14/25	KCA	SW8081B
Toxaphene	ND	0.19	0.19	mg/Kg	2	10/14/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	51			%	2	10/14/25	KCA	30 - 150 %
% DCBP (Confirmation)	47			%	2	10/14/25	KCA	30 - 150 %
% TCMX	52			%	2	10/14/25	KCA	30 - 150 %
% TCMX (Confirmation)	68			%	2	10/14/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0078	0.0017	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.12	0.063	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.047	0.0078	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.039	0.0078	mg/Kg	1	10/05/25	HM	SW8260D

Ver 3

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.039	0.0078	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.078	0.0078	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0078	0.0039	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0078	0.0031	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.078	0.078	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.016	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.039	0.0078	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.078	0.031	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0078	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0078	0.00078	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0078	0.0078	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	92			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	83			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	101			%	1	10/05/25	HM	70 - 130 %

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	88			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.33	0.17	mg/Kg	1	10/14/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.33	0.13	mg/Kg	1	10/14/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.48	0.19	mg/Kg	1	10/14/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
1,4-dioxane	ND	0.095	0.095	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.33	0.13	mg/Kg	1	10/14/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.33	0.17	mg/Kg	1	10/14/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.76	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.33	0.19	mg/Kg	1	10/14/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
2-Chlorophenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
2-Nitroaniline	ND	0.76	0.33	mg/Kg	1	10/14/25	MR	SW8270E	
2-Nitrophenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.48	0.086	mg/Kg	1	10/14/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.57	0.22	mg/Kg	1	10/14/25	MR	SW8270E	
3-Nitroaniline	ND	0.76	0.19	mg/Kg	1	10/14/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.4	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.48	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
4-Chloroaniline	ND	0.33	0.19	mg/Kg	1	10/14/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
4-Nitroaniline	ND	0.76	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
4-Nitrophenol	ND	1.4	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
Acenaphthene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Acenaphthylene	ND	0.33	0.13	mg/Kg	1	10/14/25	MR	SW8270E	
Acetophenone	ND	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Aniline	ND	0.48	0.19	mg/Kg	1	10/14/25	MR	SW8270E	
Anthracene	ND	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Atrazine	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Benzaldehyde	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Benzidine	ND	0.48	5.5	mg/Kg	1	10/14/25	MR	SW8270E	
benzo(a)anthracene	0.52	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Benzo(a)pyrene	0.52	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Benzo(b)fluoranthene	0.72	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Benzo(ghi)perylene	0.34	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Benzo(k)fluoranthene	0.21 J	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Benzoic acid	ND	0.95	0.19	mg/Kg	1	10/14/25	MR	SW8270E	

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Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.48	0.48	mg/Kg	1	10/14/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.33	0.12	mg/Kg	1	10/14/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.33	0.13	mg/Kg	1	10/14/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.48	0.13	mg/Kg	1	10/14/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Caprolactam	ND	0.33	0.24	mg/Kg	1	10/14/25	MR	SW8270E	
Carbazole	ND	0.48	0.24	mg/Kg	1	10/14/25	MR	SW8270E	
Chrysene	0.53	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.24	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Dibenzofuran	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Diethyl phthalate	ND	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Dimethylphthalate	ND	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.95	0.48	mg/Kg	1	10/14/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.33	0.12	mg/Kg	1	10/14/25	MR	SW8270E	
Fluoranthene	1.3	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Fluorene	ND	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Hexachlorobenzene	ND	0.33	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.33	0.17	mg/Kg	1	10/14/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.33	0.33	mg/Kg	1	10/14/25	MR	SW8270E	
Hexachloroethane	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	0.35	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
Isophorone	ND	0.33	0.13	mg/Kg	1	10/14/25	MR	SW8270E	
Naphthalene	ND	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Nitrobenzene	ND	0.33	0.17	mg/Kg	1	10/14/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.48	0.13	mg/Kg	1	10/14/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.24	0.15	mg/Kg	1	10/14/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.48	0.18	mg/Kg	1	10/14/25	MR	SW8270E	
Pentachlorophenol	ND	0.48	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
Phenanthrene	0.85	0.33	0.14	mg/Kg	1	10/14/25	MR	SW8270E	
Phenol	ND	0.33	0.086	mg/Kg	1	10/14/25	MR	SW8270E	
Pyrene	1.1	0.33	0.16	mg/Kg	1	10/14/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	71			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	56			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	46			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	54			%	1	10/14/25	MR	30 - 130 %	
% Nitrobenzene-d5	50			%	1	10/14/25	MR	30 - 130 %	
% Nitrobenzene-d5	56			%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	57			%	1	10/14/25	MR	30 - 130 %	
% Terphenyl-d14	65			%	1	10/14/25	MR	30 - 130 %	
% Terphenyl-d14	62			%	1	10/14/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.748	0.216	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.748	0.220	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.748	0.269	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.748	0.113	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.935	0.348	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	4.68	0.823	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	4.68	0.674	ug/kg	1	10/09/25		EPA 1633A	C

Ver 3

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.748	0.202	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.748	0.141	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.748	0.170	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.187	0.0627	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.187	0.0561	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.87	0.647	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.374	0.0505	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.187	0.0655	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.187	0.0636	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.87	0.659	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.187	0.0430	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.187	0.0514	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.187	0.0299	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.187	0.0477	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.431		0.187	0.0486	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.187	0.0589	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.246		0.187	0.0851	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.162	J	0.187	0.0374	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.187	0.00655	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.189		0.187	0.0430	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.404	J	0.748	0.153	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.187	0.0496	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.394		0.187	0.0131	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.80		0.187	0.0552	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.500		0.187	0.0262	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.187	0.0346	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.305	J	0.374	0.0786	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	0.0927	J	0.187	0.0870	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.189		0.187	0.0505	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.548		0.187	0.0355	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.374	0.0729	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.374	0.0767	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.374	0.110	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	87.3				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	161.				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	102.				%	1	10/09/25		20 - 130 %	C
% M3PFBS	80.7				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	79.0				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	73.8				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	77.7				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	74.5				%	1	10/09/25		35 - 130 %	C
% M6PFDA	81.7				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	83.1				%	1	10/09/25		40 - 130 %	C
% M8FOSA	85.9				%	1	10/09/25		40 - 130 %	C
% M8PFOA	78.0				%	1	10/09/25		40 - 130 %	C
% M8PFOS	81.4				%	1	10/09/25		40 - 130 %	C
% M9PFNA	76.8				%	1	10/09/25		40 - 130 %	C
% MPFBA	99.6				%	1	10/09/25		8 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-06 SURF

Phoenix I.D.: CU40216

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	87.4			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	69.9			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	122.			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	59.3			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	55.0			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	56.6			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	63.2			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	107.			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	71.3			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	12:30
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40217

Project ID: 22003-0092
Client ID: 2SB-06 0-2.5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/08/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	87			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	6.97	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	232			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	ND	0.57	0.287	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14700	40	8.1	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	4.78	0.81	0.81	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	70.3	0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.55	0.32	0.16	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	ND	0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-06 0-2.5

Phoenix I.D.: CU40217

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	1160		4.0	3.7	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	15.8		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	9.16		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
copper	25.2		0.8	0.40	mg/kg	1	10/07/25	CPP	SW6010D
iron	24000		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
lead	129		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	4760		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	508		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.157		0.086	0.086	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	20.1		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1570	N	81	32	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.6	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	41		8	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	22.2		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	79.1		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	89				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	108				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	67				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	67				%	2	10/14/25	SC	30 - 150 %
% TCMX	78				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	77				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	ND		0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B

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4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0075	0.0075	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	79			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	57			%	2	10/14/25	AW	30 - 150 %
% TCMX	81			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	65			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0063	0.0014	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.094	0.05	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.038	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D

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4-methyl-2-pentanone	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.063	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0063	0.0031	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0063	0.0025	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.063	0.063	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.031	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.063	0.025	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0063	0.0013	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0063	0.00063	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0063	0.0063	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	99			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	99			%	1	10/05/25	HM	70 - 130 %

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% Toluene-d8	93			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.6	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND	0.6	0.26	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.068	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND	0.6	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND	0.6	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND	0.76	0.15	mg/Kg	1	10/13/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.097	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.2	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.26	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.76	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.26	0.097	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.26	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.38	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.26	0.068	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	70			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	57			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	53			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	57			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	58			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	54			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	58			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	64			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	70			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.574	0.166	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.574	0.169	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.574	0.207	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.574	0.0868	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.718	0.267	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.59	0.632	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.59	0.518	ug/kg	1	10/09/25		EPA 1633A	C

Ver 3

Project ID: 22003-0092
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Phoenix I.D.: CU40217

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.574	0.155	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.574	0.108	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.574	0.131	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.144	0.0481	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.144	0.0431	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.44	0.497	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.287	0.0388	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.144	0.0502	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.144	0.0488	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.44	0.506	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.144	0.0330	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.144	0.0395	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.144	0.0230	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.144	0.0366	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0631	J	0.144	0.0373	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.144	0.0452	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.144	0.0653	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.143	J	0.144	0.0287	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.144	0.00502	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.142	J	0.144	0.0330	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.229	J	0.574	0.118	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.144	0.0380	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.197		0.144	0.0100	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.591		0.144	0.0424	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.733		0.144	0.0201	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.144	0.0266	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.251	J	0.287	0.0603	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.144	0.0668	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.144	0.0388	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0483	J	0.144	0.0273	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.287	0.0560	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.287	0.0589	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.287	0.0847	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	95.9				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	88.5				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	101.				%	1	10/09/25		20 - 130 %	C
% M3PFBS	83.0				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	83.6				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	76.1				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	82.0				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	78.5				%	1	10/09/25		35 - 130 %	C
% M6PFDA	88.8				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	89.8				%	1	10/09/25		40 - 130 %	C
% M8FOSA	78.9				%	1	10/09/25		40 - 130 %	C
% M8PFOA	82.6				%	1	10/09/25		40 - 130 %	C
% M8PFOS	82.3				%	1	10/09/25		40 - 130 %	C
% M9PFNA	80.7				%	1	10/09/25		40 - 130 %	C
% MPFBA	100.				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	87.0			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	53.5			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	95.6			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	65.0			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	65.5			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	51.5			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	56.9			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	100.			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	79.2			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	12:38
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40218

Project ID: 22003-0092
Client ID: 2SB-06 7.5-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/08/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	90			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	8.74	1.00	1.00	pH Units	1	10/02/25 23:23	KG	SW846 9045D	
Redox Potential	215			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	ND	0.56	0.278	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	16300	40	7.9	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	5.33	0.79	0.79	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	62.7	0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.82	0.32	0.16	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	0.49	0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
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Phoenix I.D.: CU40218

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	29500		40	37	mg/Kg	10	10/07/25	CPP	SW6010D
chromium	20.3		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	14.7		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
copper	36.8		0.8	0.40	mg/kg	1	10/07/25	CPP	SW6010D
iron	32800		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
lead	15.6		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	6900		4.0	4.0	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	644		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.083	0.083	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	29.5		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	2230	N	79	31	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.6	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	225		8	3.4	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	23.9		0.40	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	94.1		0.8	0.40	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	88				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	102				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.072	0.072	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	70				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	75				%	2	10/14/25	SC	30 - 150 %
% TCMX	74				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	65				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/14/25	AW	SW8081B
4,4' -DDE	ND		0.0022	0.0022	mg/Kg	2	10/14/25	AW	SW8081B

Project ID: 22003-0092
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Phoenix I.D.: CU40218

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/14/25	AW	SW8081B
a-BHC	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
b-BHC	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/14/25	AW	SW8081B
d-BHC	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan I	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan II	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Endosulfan sulfate	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Endrin	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Endrin aldehyde	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Endrin ketone	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/14/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Heptachlor epoxide	ND	0.0072	0.0072	mg/Kg	2	10/14/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/14/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/14/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	76			%	2	10/14/25	AW	30 - 150 %
% DCBP (Confirmation)	58			%	2	10/14/25	AW	30 - 150 %
% TCMX	70			%	2	10/14/25	AW	30 - 150 %
% TCMX (Confirmation)	64			%	2	10/14/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0039	0.00086	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dibromoethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloroethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,2-dichloropropane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
1,4-dioxane	ND	0.059	0.032	mg/Kg	1	10/05/25	HM	SW8260D
2-butanone (MEK)	ND	0.024	0.0039	mg/Kg	1	10/05/25	HM	SW8260D
2-hexanone	ND	0.02	0.0039	mg/Kg	1	10/05/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.02	0.0039	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.039	0.0039	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.0039	0.002	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.0039	0.0016	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.039	0.039	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.0079	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.02	0.0039	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.039	0.016	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.0039	0.00079	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.0039	0.00039	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.0039	0.0039	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	10/05/25	HM	70 - 130 %
% Dibromofluoromethane	103			%	1	10/05/25	HM	70 - 130 %

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% Toluene-d8	92			%	1	10/05/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.37	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND	0.073	0.073	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.59	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND	0.59	0.26	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.37	0.066	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.44	0.17	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND	0.59	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.37	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND	0.59	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND	0.37	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND	0.37	4.3	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND	0.74	0.15	mg/Kg	1	10/13/25	MR	SW8270E	

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Benzyl Alcohol	ND	0.37	0.37	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.095	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.37	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.26	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.37	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.74	0.37	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.26	0.095	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.26	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.37	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.37	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.37	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.26	0.066	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	51			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	61			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorophenol	63			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	50			%	1	10/10/25	MR	30 - 130 %	
% Nitrobenzene-d5	64			%	1	10/13/25	MR	30 - 130 %	
% Phenol-d5	64			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	70			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	73			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.489	0.141	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.489	0.144	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.489	0.176	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.489	0.0740	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.611	0.227	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.06	0.538	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.06	0.441	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND	0.489	0.132	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND	0.489	0.0923	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND	0.489	0.111	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND	0.122	0.0410	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND	0.122	0.0367	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND	1.22	0.423	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND	0.244	0.0330	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND	0.122	0.0428	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND	0.122	0.0416	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND	1.22	0.431	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.122	0.0281	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.122	0.0336	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.122	0.0196	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.122	0.0312	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.122	0.0318	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.122	0.0385	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.122	0.0556	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.122	0.0244	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.122	0.00428	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.122	0.0281	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.489	0.100	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.122	0.0324	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.122	0.00856	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.122	0.0361	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.122	0.0171	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.122	0.0226	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.244	0.0513	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.122	0.0568	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.122	0.0330	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.122	0.0232	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND	0.244	0.0477	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND	0.244	0.0501	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND	0.244	0.0721	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	102.			%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	91.1			%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	103.			%	1	10/09/25		20 - 130 %	C
% M3PFBS	83.7			%	1	10/09/25		40 - 135 %	C
% M3PFHxS	86.0			%	1	10/09/25		40 - 130 %	C
% M4PFHpA	83.1			%	1	10/09/25		40 - 130 %	C
% M5PFHxA	88.5			%	1	10/09/25		40 - 130 %	C
% M5PFPeA	83.4			%	1	10/09/25		35 - 130 %	C
% M6PFDA	92.2			%	1	10/09/25		40 - 130 %	C
% M7PFUdA	93.2			%	1	10/09/25		40 - 130 %	C
% M8FOSA	84.8			%	1	10/09/25		40 - 130 %	C
% M8PFOA	87.7			%	1	10/09/25		40 - 130 %	C
% M8PFOS	87.4			%	1	10/09/25		40 - 130 %	C
% M9PFNA	83.0			%	1	10/09/25		40 - 130 %	C
% MPFBA	100.			%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	89.8			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	51.6			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	96.6			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	78.3			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	82.4			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	65.3			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	71.6			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	96.4			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	89.7			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40219

Project ID: 22003-0092
Client ID: DUP-20251001

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/07/25	X/D	SW3546	
Soil Extraction for PCB	Completed					10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/06/25	HM		
SVOA Library Search Top 25	Completed					10/14/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.43	0.43	mg/Kg	1	10/08/25	NP	SW7196A	
Field Extraction	Completed					10/01/25		SW5035A	1
Percent Solid	85			%		10/02/25	CV	SW846-%Solid	
pH at 25C - Soil	7.01	1.00	1.00	pH Units	1	10/02/25 23:24	KG	SW846 9045D	
Redox Potential	258			mV	1	10/02/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/13/25	K/S/U	SW3546	
Total Cyanide	ND	0.59	0.294	mg/Kg	1	10/08/25	EG	SW9012B	
Total Metals Digest	Completed					10/03/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	10900	35	7.1	mg/Kg	10	10/07/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	4.75	0.71	0.71	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	37.3	0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.46	0.28	0.14	mg/Kg	1	10/07/25	CPP	SW6010D	
cadmium	ND	0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	1260		3.5	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	13.6		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	9.39		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
copper	30.4		0.7	0.35	mg/kg	1	10/07/25	CPP	SW6010D
iron	24400		3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
lead	10.7		0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	4520		3.5	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	574		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND		0.088	0.088	mg/Kg	1	10/03/25	AJ1	SW7473
nickel	19.0		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1440	N	71	28	mg/Kg	10	10/07/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	275		7	3.0	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	18.6		0.35	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	63.7		0.7	0.35	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	82				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	92				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	55				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	54				%	2	10/14/25	SC	30 - 150 %
% TCMX	74				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	60				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
4,4' -DDE	ND		0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
a-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
b-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
d-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan I	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan II	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin aldehyde	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin ketone	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	KCA	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	53			%	2	10/14/25	KCA	30 - 150 %
% DCBP (Confirmation)	48			%	2	10/14/25	KCA	30 - 150 %
% TCMX	68			%	2	10/14/25	KCA	30 - 150 %
% TCMX (Confirmation)	68			%	2	10/14/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,1,1-trichloroethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,1,2-trichloroethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,1-dichloroethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,1-dichloroethylene	ND	0.0048	0.0011	mg/Kg	1	10/06/25	HM	SW8260D
1,2,3-Trichlorobenzene	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,2,3-Trichloropropane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,2,4-Trichlorobenzene	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,2,4-Trimethylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,2-dibromoethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,2-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,2-dichloroethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,2-dichloropropane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
1,3,5-trimethylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,3-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,4-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
1,4-dioxane	ND	0.072	0.039	mg/Kg	1	10/06/25	HM	SW8260D
2-butanone (MEK)	ND	0.029	0.0048	mg/Kg	1	10/06/25	HM	SW8260D
2-hexanone	ND	0.024	0.0048	mg/Kg	1	10/06/25	HM	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.024	0.0048	mg/Kg	1	10/06/25	HM	SW8260D
acetone	ND	0.048	0.0048	mg/Kg	1	10/06/25	HM	SW8260D
acrolein	ND	0.0048	0.0024	mg/Kg	1	10/06/25	HM	SW8260D
acrylonitrile	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
benzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
bromochloromethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
bromodichloromethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
Bromoform	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
bromomethane	ND	0.0048	0.0019	mg/Kg	1	10/06/25	HM	SW8260D
carbon disulfide	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
carbon tetrachloride	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
chlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
chloroethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
chloroform	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
chloromethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
cyclohexane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
dibromochloromethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
dibromomethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
dichlorodifluoromethane	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
ethyl benzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
hexachlorobutadiene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
isopropylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
methyl acetate	ND	0.048	0.048	mg/Kg	1	10/06/25	HM	SW8260D
methyl tert-butyl ether	ND	0.0096	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
methylcyclohexane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
methylene chloride	ND	0.024	0.0048	mg/Kg	1	10/06/25	HM	SW8260D
n-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
n-propylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
o-xylene	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
p- & m- xylenes	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
p-isopropyltoluene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
sec-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
styrene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
tert-butyl alcohol	ND	0.048	0.019	mg/Kg	1	10/06/25	HM	SW8260D
tert-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
tetrachloroethylene	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
toluene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
trichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
trichlorofluoromethane	ND	0.0048	0.00096	mg/Kg	1	10/06/25	HM	SW8260D
vinyl chloride	ND	0.0048	0.00048	mg/Kg	1	10/06/25	HM	SW8260D
xylenes, total	ND	0.0048	0.0048	mg/Kg	1	10/06/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/06/25	HM	70 - 130 %
% Bromofluorobenzene	98			%	1	10/06/25	HM	70 - 130 %
% Dibromofluoromethane	102			%	1	10/06/25	HM	70 - 130 %

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Phoenix I.D.: CU40219

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	93			%	1	10/06/25	HM	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
1,4-dioxane	ND	0.078	0.078	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,5-Trichlorophenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dichlorophenol	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dimethylphenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrophenol	ND	0.61	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	0.27	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chloronaphthalene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Chlorophenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylnaphthalene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitroaniline	ND	0.61	0.27	mg/Kg	1	10/13/25	MR	SW8270E	
2-Nitrophenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.069	mg/Kg	1	10/13/25	MR	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.46	0.18	mg/Kg	1	10/13/25	MR	SW8270E	
3-Nitroaniline	ND	0.61	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chloroaniline	ND	0.27	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitroaniline	ND	0.61	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
4-Nitrophenol	ND	1.1	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Acenaphthylene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Acetophenone	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Anthracene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Atrazine	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzaldehyde	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/13/25	MR	SW8270E	
benzo(a)anthracene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(a)pyrene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(ghi)perylene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Benzoic acid	ND	0.76	0.15	mg/Kg	1	10/13/25	MR	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Benzyl butyl phthalate	ND	0.27	0.098	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/13/25	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Caprolactam	ND	0.27	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/13/25	MR	SW8270E	
Chrysene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dibenzofuran	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Diethyl phthalate	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Dimethylphthalate	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-butylphthalate	ND	0.76	0.38	mg/Kg	1	10/13/25	MR	SW8270E	
Di-n-octylphthalate	ND	0.27	0.098	mg/Kg	1	10/13/25	MR	SW8270E	
Fluoranthene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Fluorene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobenzene	ND	0.27	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorobutadiene	ND	0.27	0.14	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachlorocyclopentadiene	ND	0.27	0.27	mg/Kg	1	10/13/25	MR	SW8270E	
Hexachloroethane	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
Isophorone	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Naphthalene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Nitrobenzene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/13/25	MR	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.15	mg/Kg	1	10/13/25	MR	SW8270E	
Pentachlorophenol	ND	0.38	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
Phenanthrene	ND	0.27	0.11	mg/Kg	1	10/13/25	MR	SW8270E	
Phenol	ND	0.27	0.069	mg/Kg	1	10/13/25	MR	SW8270E	
Pyrene	ND	0.27	0.13	mg/Kg	1	10/13/25	MR	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	75			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	61			%	1	10/13/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	49			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	62			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	62			%	1	10/13/25	MR	30 - 130 %	
% Nitrobenzene-d5	52			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	63			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	70			%	1	10/13/25	MR	30 - 130 %	
% Terphenyl-d14	68			%	1	10/10/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.558	0.161	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.558	0.164	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.558	0.201	ug/kg	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.558	0.0844	ug/kg	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	0.698	0.259	ug/kg	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	3.49	0.614	ug/kg	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	3.49	0.503	ug/kg	1	10/09/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.558	0.151	ug/kg	1	10/09/25		EPA 1633A	C
ADONA	ND		0.558	0.105	ug/kg	1	10/09/25		EPA 1633A	C
HFPO-DA	ND		0.558	0.127	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSA	ND		0.140	0.0467	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND		0.140	0.0418	ug/kg	1	10/09/25		EPA 1633A	C
NEtFOSE	ND		1.40	0.483	ug/kg	1	10/09/25		EPA 1633A	C
NFDHA	ND		0.279	0.0377	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSA	ND		0.140	0.0488	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND		0.140	0.0474	ug/kg	1	10/09/25		EPA 1633A	C
NMeFOSE	ND		1.40	0.492	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.140	0.0321	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.140	0.0384	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.140	0.0223	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.140	0.0356	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.140	0.0363	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.140	0.0439	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.140	0.0635	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0618	J	0.140	0.0279	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.140	0.00488	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0461	J	0.140	0.0321	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.558	0.114	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.140	0.0370	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.140	0.00976	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.111	J	0.140	0.0412	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.251		0.140	0.0195	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.140	0.0258	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.279	0.0586	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.140	0.0649	ug/kg	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.140	0.0377	ug/kg	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.140	0.0265	ug/kg	1	10/09/25		EPA 1633A	C
PFEESA	ND		0.279	0.0544	ug/kg	1	10/09/25		EPA 1633A	C
PFMBA	ND		0.279	0.0572	ug/kg	1	10/09/25		EPA 1633A	C
PFMPA	ND		0.279	0.0823	ug/kg	1	10/09/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	102.				%	1	10/09/25		40 - 215 %	C
% M2-8:2FTS	89.3				%	1	10/09/25		40 - 275 %	C
% M2PFTeDA	96.8				%	1	10/09/25		20 - 130 %	C
% M3PFBS	91.6				%	1	10/09/25		40 - 135 %	C
% M3PFHxS	89.1				%	1	10/09/25		40 - 130 %	C
% M4PFHpA	84.5				%	1	10/09/25		40 - 130 %	C
% M5PFHxA	90.9				%	1	10/09/25		40 - 130 %	C
% M5PFPeA	87.8				%	1	10/09/25		35 - 130 %	C
% M6PFDA	91.1				%	1	10/09/25		40 - 130 %	C
% M7PFUdA	94.2				%	1	10/09/25		40 - 130 %	C
% M8FOSA	87.8				%	1	10/09/25		40 - 130 %	C
% M8PFOA	87.8				%	1	10/09/25		40 - 130 %	C
% M8PFOS	86.8				%	1	10/09/25		40 - 130 %	C
% M9PFNA	85.1				%	1	10/09/25		40 - 130 %	C
% MPFBA	101.				%	1	10/09/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	85.0			%	1	10/09/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	49.5			%	1	10/09/25		40 - 135 %	C
% d5-N-EtFOSAA	89.0			%	1	10/09/25		40 - 150 %	C
% d7-N-MeFOSE	73.2			%	1	10/09/25		20 - 130 %	C
% d9-N-EtFOSE	74.5			%	1	10/09/25		15 - 130 %	C
% d-N-EtFOSA	55.4			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	64.0			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	95.8			%	1	10/09/25		40 - 165 %	C
% M3HFPO-DA	90.6			%	1	10/09/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40220

Project ID: 22003-0092
Client ID: TB-20251001 LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatile Library Search Top 10	Completed					10/06/25	HM		
Miscellaneous									
Field Extraction	Completed					10/01/25		SW5035A	1
VOCs, 8260 Soil									
1,1,1,2-tetrachloroethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,1,1-trichloroethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,1,2,2-tetrachloroethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,1,2-trichloroethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,1-dichloroethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,1-dichloroethylene	ND	0.005	0.0011	mg/Kg	1	10/05/25	HM	SW8260D	
1,2,3-Trichlorobenzene	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,2,3-Trichloropropane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,2,4-Trichlorobenzene	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,2,4-Trimethylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,2-dibromoethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,2-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,2-dichloroethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,2-dichloropropane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D	
1,3,5-trimethylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,3-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,4-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D	
1,4-dioxane	ND	0.075	0.04	mg/Kg	1	10/05/25	HM	SW8260D	
2-butanone (MEK)	ND	0.03	0.005	mg/Kg	1	10/05/25	HM	SW8260D	

Project ID: 22003-0092
Client ID: TB-20251001 LL

Phoenix I.D.: CU40220

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.025	0.005	mg/Kg	1	10/05/25	HM	SW8260D
4-methyl-2-pentanone	ND	0.025	0.005	mg/Kg	1	10/05/25	HM	SW8260D
acetone	ND	0.05	0.005	mg/Kg	1	10/05/25	HM	SW8260D
acrolein	ND	0.005	0.0025	mg/Kg	1	10/05/25	HM	SW8260D
acrylonitrile	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
benzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
bromochloromethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
Bromoform	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
bromomethane	ND	0.005	0.002	mg/Kg	1	10/05/25	HM	SW8260D
carbon disulfide	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
chlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
chloroethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
chloroform	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
chloromethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
cyclohexane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
dibromomethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
ethyl benzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
methyl acetate	ND	0.05	0.05	mg/Kg	1	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.01	0.001	mg/Kg	1	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
methylene chloride	ND	0.025	0.005	mg/Kg	1	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
o-xylene	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
styrene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	0.05	0.02	mg/Kg	1	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
toluene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
trichloroethylene	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.005	0.001	mg/Kg	1	10/05/25	HM	SW8260D
vinyl chloride	ND	0.005	0.0005	mg/Kg	1	10/05/25	HM	SW8260D
xylenes, total	ND	0.005	0.005	mg/Kg	1	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95			%	1	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	101			%	1	10/05/25	HM	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251001 LL

Phoenix I.D.: CU40220

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	99			%	1	10/05/25	HM	70 - 130 %
% Toluene-d8	93			%	1	10/05/25	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Sample received was a solid, bulk, or caulk matrix; dry weight is assumed.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		10/01/25	8:45
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40221

Project ID: 22003-0092
Client ID: FB-20251001

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed					10/07/25		EPA 1633A	C
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.44	1.17	ng/L	1	10/07/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.44	1.07	ng/L	1	10/07/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.44	1.99	ng/L	1	10/07/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.44	2.03	ng/L	1	10/07/25		EPA 1633A	C
3:3FTCA	ND	9.30	2.40	ng/L	1	10/07/25		EPA 1633A	C
5:3FTCA	ND	46.5	9.39	ng/L	1	10/07/25		EPA 1633A	C
7:3FTCA	ND	46.5	10.2	ng/L	1	10/07/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.44	1.39	ng/L	1	10/07/25		EPA 1633A	C
ADONA	ND	7.44	2.76	ng/L	1	10/07/25		EPA 1633A	C
HFPO-DA	ND	7.44	3.67	ng/L	1	10/07/25		EPA 1633A	C
NEtFOSA	ND	1.86	0.167	ng/L	1	10/07/25		EPA 1633A	C
NEtFOSAA	ND	1.86	0.688	ng/L	1	10/07/25		EPA 1633A	C
NEtFOSE	ND	18.6	4.77	ng/L	1	10/07/25		EPA 1633A	C
NFDHA	ND	3.72	1.39	ng/L	1	10/07/25		EPA 1633A	C
NMeFOSA	ND	1.86	0.214	ng/L	1	10/07/25		EPA 1633A	C
NMeFOSAA	ND	1.86	0.725	ng/L	1	10/07/25		EPA 1633A	C
NMeFOSE	ND	18.6	5.52	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.86	0.390	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.86	0.362	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.86	0.660	ng/L	1	10/07/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.86	0.679	ng/L	1	10/07/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.86	0.669	ng/L	1	10/07/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.86	0.456	ng/L	1	10/07/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.86	0.372	ng/L	1	10/07/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.86	0.493	ng/L	1	10/07/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: FB-20251001

Phoenix I.D.: CU40221

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.86	0.112	ng/L	1	10/07/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.86	0.586	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.44	2.33	ng/L	1	10/07/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.86	0.511	ng/L	1	10/07/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.86	0.214	ng/L	1	10/07/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.86	0.493	ng/L	1	10/07/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.86	0.130	ng/L	1	10/07/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.86	0.576	ng/L	1	10/07/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.72	1.10	ng/L	1	10/07/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.86	0.344	ng/L	1	10/07/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.86	0.530	ng/L	1	10/07/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.86	0.418	ng/L	1	10/07/25		EPA 1633A	C
PFEESA	ND	3.72	1.26	ng/L	1	10/07/25		EPA 1633A	C
PFMBA	ND	3.72	1.12	ng/L	1	10/07/25		EPA 1633A	C
PFMPA	ND	3.72	1.19	ng/L	1	10/07/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	88.1			%	1	10/07/25		40 - 170 %	C
% M2-6:2FTS	99.2			%	1	10/07/25		40 - 200 %	C
% M2-8:2FTS	95.3			%	1	10/07/25		40 - 300 %	C
% M2PFTeDA	59.7			%	1	10/07/25		10 - 130 %	C
% M3PFBS	106.			%	1	10/07/25		40 - 135 %	C
% M3PFHxS	99.7			%	1	10/07/25		40 - 130 %	C
% M4PFHpA	101.			%	1	10/07/25		40 - 130 %	C
% M5PFHxA	97.2			%	1	10/07/25		40 - 130 %	C
% M5PFPeA	102.			%	1	10/07/25		40 - 130 %	C
% M6PFDA	98.1			%	1	10/07/25		40 - 130 %	C
% M7PFUdA	102.			%	1	10/07/25		30 - 130 %	C
% M8FOSA	78.6			%	1	10/07/25		40 - 130 %	C
% M8PFOA	103.			%	1	10/07/25		40 - 130 %	C
% M8PFOS	97.2			%	1	10/07/25		40 - 130 %	C
% M9PFNA	101.			%	1	10/07/25		40 - 130 %	C
% MPFBA	107.			%	1	10/07/25		5 - 130 %	C
% MPFDoA	96.8			%	1	10/07/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	65.9			%	1	10/07/25		25 - 135 %	C
% d7-N-MeFOSE	77.3			%	1	10/07/25		10 - 130 %	C
% d9-N-EtFOSE	68.7			%	1	10/07/25		10 - 130 %	C
% d-N-EtFOSA	32.5			%	1	10/07/25		10 - 130 %	C
% d-N-MeFOSA	36.6			%	1	10/07/25		10 - 130 %	C
% M2-4:2 FTS	100.			%	1	10/07/25		40 - 200 %	C
% M3HFPO-DA	87.4			%	1	10/07/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: FB-20251001

Phoenix I.D.: CU40221

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		10/01/25	8:35
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40222

Project ID: 22003-0092
Client ID: EB-20251001

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed					10/07/25		EPA 1633A	C
Extraction for 1,4-Dioxane	Completed					10/06/25	G/G	SW8270ESIM	1
Semivolatiles, 8270 Water									
1,4-dioxane	ND	0.20	0.20	ug/l	1	10/08/25	AW	SW8270ESIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	86			%	1	10/08/25	AW	70 - 130 %	
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.80	1.23	ng/L	1	10/07/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.80	1.12	ng/L	1	10/07/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.80	2.09	ng/L	1	10/07/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.80	2.12	ng/L	1	10/07/25		EPA 1633A	C
3:3FTCA	ND	9.75	2.52	ng/L	1	10/07/25		EPA 1633A	C
5:3FTCA	ND	48.8	9.85	ng/L	1	10/07/25		EPA 1633A	C
7:3FTCA	ND	48.8	10.7	ng/L	1	10/07/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.80	1.46	ng/L	1	10/07/25		EPA 1633A	C
ADONA	ND	7.80	2.90	ng/L	1	10/07/25		EPA 1633A	C
HFPO-DA	ND	7.80	3.85	ng/L	1	10/07/25		EPA 1633A	C
NEtFOSA	ND	1.95	0.176	ng/L	1	10/07/25		EPA 1633A	C
NEtFOSAA	ND	1.95	0.722	ng/L	1	10/07/25		EPA 1633A	C
NEtFOSE	ND	19.5	5.00	ng/L	1	10/07/25		EPA 1633A	C
NFDHA	ND	3.90	1.46	ng/L	1	10/07/25		EPA 1633A	C
NMeFOSA	ND	1.95	0.224	ng/L	1	10/07/25		EPA 1633A	C
NMeFOSAA	ND	1.95	0.760	ng/L	1	10/07/25		EPA 1633A	C
NMeFOSE	ND	19.5	5.79	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.95	0.410	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.95	0.380	ng/L	1	10/07/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: EB-20251001

Phoenix I.D.: CU40222

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.95	0.692	ng/L	1	10/07/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.95	0.712	ng/L	1	10/07/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.95	0.702	ng/L	1	10/07/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.95	0.478	ng/L	1	10/07/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.95	0.390	ng/L	1	10/07/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.95	0.517	ng/L	1	10/07/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.95	0.117	ng/L	1	10/07/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.95	0.614	ng/L	1	10/07/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.80	2.45	ng/L	1	10/07/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.95	0.536	ng/L	1	10/07/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.95	0.224	ng/L	1	10/07/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.95	0.517	ng/L	1	10/07/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.95	0.136	ng/L	1	10/07/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.95	0.604	ng/L	1	10/07/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.90	1.15	ng/L	1	10/07/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.95	0.361	ng/L	1	10/07/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.95	0.556	ng/L	1	10/07/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.95	0.439	ng/L	1	10/07/25		EPA 1633A	C
PFEESA	ND	3.90	1.32	ng/L	1	10/07/25		EPA 1633A	C
PFMBA	ND	3.90	1.17	ng/L	1	10/07/25		EPA 1633A	C
PFMPA	ND	3.90	1.25	ng/L	1	10/07/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	76.0			%	1	10/07/25		40 - 170 %	C
% M2-6:2FTS	105.			%	1	10/07/25		40 - 200 %	C
% M2-8:2FTS	90.9			%	1	10/07/25		40 - 300 %	C
% M2PFTeDA	62.7			%	1	10/07/25		10 - 130 %	C
% M3PFBS	107.			%	1	10/07/25		40 - 135 %	C
% M3PFHxS	102.			%	1	10/07/25		40 - 130 %	C
% M4PFHpA	94.5			%	1	10/07/25		40 - 130 %	C
% M5PFHxA	93.3			%	1	10/07/25		40 - 130 %	C
% M5PFPeA	101.			%	1	10/07/25		40 - 130 %	C
% M6PFDA	90.9			%	1	10/07/25		40 - 130 %	C
% M7PFUdA	87.3			%	1	10/07/25		30 - 130 %	C
% M8FOSA	65.3			%	1	10/07/25		40 - 130 %	C
% M8PFOA	97.6			%	1	10/07/25		40 - 130 %	C
% M8PFOS	80.6			%	1	10/07/25		40 - 130 %	C
% M9PFNA	99.3			%	1	10/07/25		40 - 130 %	C
% MPFBA	107.			%	1	10/07/25		5 - 130 %	C
% MPFDoA	85.3			%	1	10/07/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	54.5			%	1	10/07/25		25 - 135 %	C
% d7-N-MeFOSE	62.6			%	1	10/07/25		10 - 130 %	C
% d9-N-EtFOSE	57.4			%	1	10/07/25		10 - 130 %	C
% d-N-EtFOSA	26.7			%	1	10/07/25		10 - 130 %	C
% d-N-MeFOSA	30.1			%	1	10/07/25		10 - 130 %	C
% M2-4:2 FTS	108.			%	1	10/07/25		40 - 200 %	C
% M3HFPO-DA	83.2			%	1	10/07/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: EB-20251001

Phoenix I.D.: CU40222

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/01/25	
Location Code:	GALLAGHER	Received by:	CP	10/02/25	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU40202
Phoenix ID: CU40223

Project ID: 22003-0092
Client ID: TB-20251001 HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatile Library Search Top 10	Completed					10/06/25	HM		
Miscellaneous									
Field Extraction	Completed					10/01/25		SW5035A	1
VOCs, 8260 Soil									
1,1,1,2-tetrachloroethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,1,1-trichloroethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,1,2,2-tetrachloroethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,1,2-trichloroethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,1-dichloroethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,1-dichloroethylene	ND	0.25	0.055	mg/Kg	50	10/05/25	HM	SW8260D	
1,2,3-Trichlorobenzene	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,2,4-Trichlorobenzene	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,2,4-Trimethylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,2-dibromoethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,2-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,2-dichloroethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,2-dichloropropane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D	
1,3,5-trimethylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,3-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,4-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D	
1,4-dioxane	ND	3.8	2	mg/Kg	50	10/05/25	HM	SW8260D	
2-butanone (MEK)	ND	1.5	0.25	mg/Kg	50	10/05/25	HM	SW8260D	

Project ID: 22003-0092
Client ID: TB-20251001 HL

Phoenix I.D.: CU40223

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	1.3	0.25	mg/Kg	50	10/05/25	HM	SW8260D
4-methyl-2-pentanone	ND	1.3	0.25	mg/Kg	50	10/05/25	HM	SW8260D
acetone	ND	2.5	0.25	mg/Kg	50	10/05/25	HM	SW8260D
acrolein	ND	0.25	0.13	mg/Kg	50	10/05/25	HM	SW8260D
acrylonitrile	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
benzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
bromochloromethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
bromodichloromethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
Bromoform	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
bromomethane	ND	0.25	0.1	mg/Kg	50	10/05/25	HM	SW8260D
carbon disulfide	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
carbon tetrachloride	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
chlorobenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
chloroethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
chloroform	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
chloromethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
cis-1,2-dichloroethylene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
cis-1,3-dichloropropylene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
cyclohexane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
dibromochloromethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
dibromomethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
dichlorodifluoromethane	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
ethyl benzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
hexachlorobutadiene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
isopropylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
methyl acetate	ND	2.5	2.5	mg/Kg	50	10/05/25	HM	SW8260D
methyl tert-butyl ether	ND	0.5	0.05	mg/Kg	50	10/05/25	HM	SW8260D
methylcyclohexane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
methylene chloride	ND	1.3	0.25	mg/Kg	50	10/05/25	HM	SW8260D
n-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
n-propylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
o-xylene	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
p- & m- xylenes	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
p-isopropyltoluene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
sec-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
styrene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
tert-butyl alcohol	ND	2.5	1	mg/Kg	50	10/05/25	HM	SW8260D
tert-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
tetrachloroethylene	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
toluene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
trans-1,2-dichloroethylene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
trans-1,3-dichloropropylene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
trichloroethylene	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
trichlorofluoromethane	ND	0.25	0.05	mg/Kg	50	10/05/25	HM	SW8260D
vinyl chloride	ND	0.25	0.025	mg/Kg	50	10/05/25	HM	SW8260D
xylenes, total	ND	0.25	0.25	mg/Kg	50	10/05/25	HM	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	50	10/05/25	HM	70 - 130 %
% Bromofluorobenzene	100			%	50	10/05/25	HM	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251001 HL

Phoenix I.D.: CU40223

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	98			%	50	10/05/25	HM	70 - 130 %
% Toluene-d8	92			%	50	10/05/25	HM	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Sample received was a solid, bulk, or caulk matrix; dry weight is assumed.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-01 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40202

Sample wt/vol: 5.77 (g/mL) g Lab File ID: 1005_12.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 12 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-01 5-7.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40203

Sample wt/vol: 5.09 (g/mL) g Lab File ID: 1005_13.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 17 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-01 7.5-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40204

Sample wt/vol: 5.7 (g/mL) g Lab File ID: 1005_14.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 17 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-02 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020Z

Matrix:(soil/water): SOIL Lab Sample ID: CU40205

Sample wt/vol: 5.12 (g/mL) g Lab File ID: 1005_15.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 16 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-02 5-7.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40206

Sample wt/vol: 4.77 (g/mL) g Lab File ID: 1005_16.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 16 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-02 7.5-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40207

Sample wt/vol: 6.13 (g/mL) g Lab File ID: 1005_17.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 21 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-03 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40208

Sample wt/vol: 4.96 (g/mL) g Lab File ID: 1005_18.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 15 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-03 10-12.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40209

Sample wt/vol: 6.02 (g/mL) g Lab File ID: 1005_19.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 13 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-03 12.5-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40210

Sample wt/vol: 6.63 (g/mL) g Lab File ID: 1005_20.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 12 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-04 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020Z

Matrix:(soil/water) SOIL Lab Sample ID: CU40211

Sample wt/vol: 4.79 (g/mL) g Lab File ID: 1005_21.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. 16 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-04 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40212

Sample wt/vol: 4.26 (g/mL) g Lab File ID: 1005_22.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 15 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-04 10-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40213

Sample wt/vol: 6.34 (g/mL) g Lab File ID: 1005_23.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec.: 8 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-05 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020Z

Matrix:(soil/water): SOIL Lab Sample ID: CU40214

Sample wt/vol: 5.02 (g/mL) g Lab File ID: 1005_24.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 20 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-05 5-7

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40215

Sample wt/vol: 6.11 (g/mL) g Lab File ID: 1007_31.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 13 Date Analyzed: 10/07/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-06 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40216

Sample wt/vol: 4.65 (g/mL) g Lab File ID: 1005_26.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 31 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-06 0-2.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40217

Sample wt/vol: 4.59 (g/mL) g Lab File ID: 1005_27.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 13 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-06 7.5-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water) SOIL Lab Sample ID: CU40218

Sample wt/vol: 7.05 (g/mL) g Lab File ID: 1005_28.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. 10 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU40219 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water) Soil Lab Sample ID: CU40219 BLK

Sample wt/vol: 5 (g/mL) g Lab File ID: 1005_09.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. n.a. Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

DUP-20251001

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water) SOIL Lab Sample ID: CU40219

Sample wt/vol: 6.08 (g/mL) g Lab File ID: 1005_30.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. 15 Date Analyzed: 10/06/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB-20251001 LL

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40220

Sample wt/vol: 5 (g/mL) g Lab File ID: 1005_10.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec.: 0 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB-20251001 HL

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40223

Sample wt/vol: 10 (g/mL) g Lab File ID: 1005_11.D

Level: (low/med): Meth Date Received: 10/02/25

% Moisture: not dec.: 0 Date Analyzed: 10/05/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 50

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 100

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-01 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU40202

Matrix:(soil/water): SOIL | Lab Sample ID: CU40202

Sample wt/vol: 15.11 (g/mL) g | Lab File ID: 1013_13.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 12 | decanted:(Y/N) NA | Date Extracted: 10/13/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 7 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.069	1400	JNA
	unknown hydrocarbon	4.810	340	J
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.828	1800	JNC
074339-52-9	Trichloroacetic acid, tetradecyl e	6.939	1300	JN
001454-84-8	n-Nonadecanol-1	8.381	2100	JN
	unknown hydrocarbon	10.828	380	J
	unknown hydrocarbon	16.962	610	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-01 5-7.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU40202

Matrix:(soil/water): SOIL Lab Sample ID: CU40203

Sample wt/vol: 15.07 (g/mL) g Lab File ID: 1011_11.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 17 decanted:(Y/N) NA Date Extracted: 10/11/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/11/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.397	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.120	1600	JNC
018435-45-5	1-Nonadecene	7.210	1400	JN
074685-30-6	5-Eicosene, (E)-	8.658	1400	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-01 7.5-10

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU40202

Matrix:(soil/water): SOIL | Lab Sample ID: CU40204

Sample wt/vol: 15.07 (g/mL) g | Lab File ID: 1011_12.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 17 | decanted:(Y/N) NA | Date Extracted: 10/11/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/11/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.397	1600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.120	1500	JNC
007206-21-5	5-Octadecene, (E)-	7.210	1300	JN
018435-45-5	1-Nonadecene	8.658	1300	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-02 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU40202

Matrix:(soil/water) SOIL Lab Sample ID: CU40205

Sample wt/vol: 15 (g/mL) g Lab File ID: 1011_13.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. 16 decanted:(Y/N) NA Date Extracted: 10/12/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.397	1800	JNA
	unknown hydrocarbon	5.111	330	J
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.121	1400	JNC
007206-25-9	9-Octadecene, (E)-	7.210	1200	JN
	unknown hydrocarbon	7.777	400	J
000057-10-3	n-Hexadecanoic acid	7.830	1600	JN
000057-11-4	Octadecanoic acid	8.535	820	JN
	unknown hydrocarbon	11.084	780	J
000198-55-0	Perylene	12.884	1200	JN
	unknown hydrocarbon	15.133	830	J
	unknown hydrocarbon	16.746	380	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-02 5-7.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40206

Sample wt/vol: 15.33 (g/mL) g Lab File ID: 1011_14.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 16 decanted:(Y/N) NA Date Extracted: 10/12/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.392	1600	JNA
	unknown hydrocarbon	5.111	320	J
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.121	1700	JNC
074685-29-3	9-Eicosene, (E)-	7.210	1500	JN
018435-45-5	1-Nonadecene	8.658	1700	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-02 7.5-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40207

Sample wt/vol: 15.2 (g/mL) g Lab File ID: 1011_15.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 21 decanted:(Y/N) NA Date Extracted: 10/12/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.397	2000	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.121	1800	JNC
007206-21-5	5-Octadecene, (E)-	7.210	1700	JN
074685-30-6	5-Eicosene, (E)-	8.658	1700	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-03 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water) SOIL Lab Sample ID: CU40208

Sample wt/vol: 15.16 (g/mL) g Lab File ID: 1011_16.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. 15 decanted:(Y/N) NA Date Extracted: 10/12/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.392	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.120	1400	JNC
007206-25-9	9-Octadecene, (E)-	7.210	1200	JN
000638-66-4	Octadecanal	12.435	860	JN
	unknown hydrocarbon	14.476	520	J
013287-24-6	Nonadecane, 9-methyl-	15.128	1200	JN
	unknown hydrocarbon	16.249	430	J
000646-31-1	Tetracosane	16.565	360	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-03 10-12.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40209

Sample wt/vol: 15.22 (g/mL) g Lab File ID: 1011_17.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 13 decanted:(Y/N) NA Date Extracted: 10/12/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.397	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.120	1600	JNC
074685-29-3	9-Eicosene, (E)-	7.210	1400	JN
018435-45-5	1-Nonadecene	8.663	1500	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-03 12.5-15

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU40202

Matrix:(soil/water): SOIL | Lab Sample ID: CU40210

Sample wt/vol: 15.31 (g/mL) g | Lab File ID: 1011_18.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 12 | decanted:(Y/N) NA | Date Extracted: 10/12/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.392	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.121	1600	JNC
	1-Nonadecene Isomer	7.210	1400	JN
018435-45-5	1-Nonadecene	8.664	1400	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-04 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU4020

Matrix:(soil/water): SOIL | Lab Sample ID: CU40211

Sample wt/vol: 15.34 (g/mL) g | Lab File ID: 1011_19.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 16 | decanted:(Y/N) NA | Date Extracted: 10/12/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 6 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.397	2000	JNA
	unknown hydrocarbon	5.111	320	J
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.120	1600	JNC
007206-21-5	5-Octadecene, (E)-	7.210	1300	JN
000198-55-0	Perylene	12.868	330	JN
000629-94-7	Heneicosane	15.133	860	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-04 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40212

Sample wt/vol: 15.31 (g/mL) g Lab File ID: 1011_20.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 15 decanted:(Y/N) NA Date Extracted: 10/12/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/12/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 13 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.391	1900	JNA
	unknown hydrocarbon	5.111	340	J
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.120	1600	JNC
1000130-97-9	E-15-Heptadecenal	7.210	1300	JN
000057-10-3	n-Hexadecanoic acid	7.825	610	JN
000084-65-1	9,10-Anthracenedione	8.060	340	JN
	unknown hydrocarbon	8.332	410	J
000057-11-4	Octadecanoic acid	8.530	460	JN
000207-08-9	Benzo[k]fluoranthene	12.462	350	JN
000198-55-0	Perylene	12.878	810	JN
	unknown hydrocarbon	14.844	420	J
000629-94-7	Heneicosane	15.133	410	JN
	unknown hydrocarbon	15.699	320	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-04 10-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40213

Sample wt/vol: 15.07 (g/mL) g Lab File ID: 1013_15.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 8 decanted:(Y/N) NA Date Extracted: 10/13/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.892	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.535	630	JNC
000112-88-9	1-Octadecene	6.616	320	JN
018435-45-5	1-Nonadecene	8.032	430	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-05 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU4020

Matrix:(soil/water): SOIL | Lab Sample ID: CU40214

Sample wt/vol: 15.43 (g/mL) g | Lab File ID: 1013_20.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 20 | decanted:(Y/N) NA | Date Extracted: 10/13/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 11 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.887	2200	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.530	880	JNC
000629-73-2	1-Hexadecene	6.617	400	JN
000057-10-3	n-Hexadecanoic acid	7.239	880	JN
001599-67-3	1-Docosene	8.033	470	JN
	1-Docosene Isomer	10.124	560	JN
000646-31-1	Tetracosane	13.415	820	JN
000083-47-6	.gamma.-Sitosterol	15.783	1700	JN
	unknown hydrocarbon	16.241	420	J
	unknown hydrocarbon	16.699	490	J
001058-61-3	Stigmast-4-en-3-one	16.993	900	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-05 5-7

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40215

Sample wt/vol: 15.13 (g/mL) g Lab File ID: 1013_16.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 13 decanted:(Y/N) NA Date Extracted: 10/13/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.887	1100	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.535	1400	JNC
1000130-97-9	E-15-Heptadecenal	6.622	660	JN
074685-30-6	5-Eicosene, (E)-	8.033	720	JN

FORM I SEMIVOA-TIC

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C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-06 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water) SOIL Lab Sample ID: CU40216

Sample wt/vol: 15.21 (g/mL) g Lab File ID: 1013_21.D

Level: (low/med) Low Date Received: 10/02/25

% Moisture: not dec. 31 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.887	2300	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.535	1300	JNC
	unknown hydrocarbon	6.440	530	J
000629-73-2	1-Hexadecene	6.622	560	JN
000057-10-3	n-Hexadecanoic acid	7.239	910	JN
001599-67-3	1-Docosene	8.032	690	JN
000112-88-9	1-Octadecene	10.124	650	JN
000646-31-1	Tetracosane	13.409	870	JN
010191-41-0	dl-.alpha.-Tocopherol	13.655	440	JN
000083-46-5	.beta.-Sitosterol	15.771	2200	JN
001058-61-3	Stigmast-4-en-3-one	16.993	720	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-06 0-2.5

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU4020

Matrix:(soil/water): SOIL | Lab Sample ID: CU40217

Sample wt/vol: 15.22 (g/mL) g | Lab File ID: 1013_17.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 13 | decanted:(Y/N) NA | Date Extracted: 10/13/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 5 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.887	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.535	1200	JNC
1000130-97-9	E-15-Heptadecenal	6.622	460	JN
018435-45-5	1-Nonadecene	8.032	560	JN
000083-46-5	.beta.-Sitosterol	15.771	350	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-06 7.5-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4020

Matrix:(soil/water): SOIL Lab Sample ID: CU40218

Sample wt/vol: 15.04 (g/mL) g Lab File ID: 1013_18.D

Level: (low/med): Low Date Received: 10/02/25

% Moisture: not dec. 10 decanted:(Y/N) NA Date Extracted: 10/13/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.887	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.535	960	JNC
000112-88-9	1-Octadecene	6.617	500	JN
018435-45-5	1-Nonadecene	8.033	580	JN

FORM I SEMIVOA-TIC

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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DUP-20251001

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU4020

Matrix:(soil/water): SOIL | Lab Sample ID: CU40219

Sample wt/vol: 15.42 (g/mL) g | Lab File ID: 1013_19.D

Level: (low/med): Low | Date Received: 10/02/25

% Moisture: not dec. 15 | decanted:(Y/N) NA | Date Extracted: 10/13/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/13/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.887	1600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.535	900	JNC
000112-88-9	1-Octadecene	6.617	430	JN
018435-45-5	1-Nonadecene	8.033	510	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 806883 (mg/kg), QC Sample No: CU40206 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.43	<0.41	NC	99.7						90 - 110	30	
Chromium, Hexavalent (Ins)						99.9			103			90 - 110	30	
Chromium, Hexavalent (Sol)						91.5			76.2			90 - 110	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.														
QA/QC Batch 807123 (mg/kg), QC Sample No: CU40875 (CU40217, CU40218, CU40219)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.39	<0.38	NC	96.2						90 - 110	30	
Chromium, Hexavalent (Ins)						100			93.0			90 - 110	30	
Chromium, Hexavalent (Sol)						92.5			<10			90 - 110	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.														
QA/QC Batch 806384 (mg/kg), QC Sample No: CU39679 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214)														
Mercury - Soil	BRL	0.075	<0.081	<0.081	NC	111			113			75 - 125	30	
QA/QC Batch 806385 (mg/kg), QC Sample No: CU40812 (CU40215, CU40216, CU40217, CU40218, CU40219)														
Mercury - Soil	BRL	0.075	0.222	0.149	NC	98.7			112			75 - 125	30	
QA/QC Batch 806509 (mg/kg), QC Sample No: CU40202 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)														
ICP Metals - Soil														
Aluminum	BRL	5.0	15000	16100	7.10	105	101	3.9	NC			80 - 120	30	
Antimony	BRL	3.3	<3.6	<3.6	NC	89.3	82.2	8.3	76.6			70 - 130	30	
Arsenic	BRL	0.67	3.51	3.42	NC	94.3	91.8	2.7	91.8			80 - 120	30	
Barium	BRL	0.33	72.8	76.0	4.30	92.9	91.3	1.7	113			80 - 120	30	
Beryllium	BRL	0.27	0.50	0.52	NC	97.2	91.0	6.6	100			80 - 120	30	
Cadmium	BRL	0.33	<0.36	<0.36	NC	92.7	85.7	7.8	100			80 - 120	30	
Calcium	BRL	5.0	1280	1140	11.6	103	102	1.0	NC			80 - 120	30	
Chromium	BRL	0.33	14.6	15.2	4.00	96.1	90.4	6.1	102			80 - 120	30	
Cobalt	BRL	0.33	8.93	9.33	4.40	101	95.5	5.6	101			80 - 120	30	
Copper	BRL	0.67	13.4	13.9	3.70	96.7	92.7	4.2	95.7			80 - 120	30	
Iron	BRL	5.0	21100	21900	3.70	111	108	2.7	NC			80 - 120	30	
Lead	BRL	0.33	43.3	46.7	7.60	94.6	92.7	2.0	100			80 - 120	30	
Magnesium	BRL	5.0	3510	3720	5.80	99.6	96.3	3.4	NC			80 - 120	30	
Manganese	BRL	0.33	380	391	2.90	95.5	93.7	1.9	122			80 - 120	30	
Nickel	BRL	0.33	15.8	16.6	4.90	96.5	90.8	6.1	97.5			80 - 120	30	
Potassium	BRL	5.0	992 N	1080	8.50	96.2	92.2	4.2	>130			80 - 120	30	m
Selenium	BRL	1.3	<1.4	<1.4	NC	85.5	82.5	3.6	81.0			80 - 120	30	

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Silver	BRL	0.33	<0.36	<0.36	NC	97.0	94.7	2.4	93.3			70 - 130	30
Sodium	BRL	5.0	50	52.9	5.60	94.7	88.7	6.5	100			80 - 120	30
Thallium	BRL	3.0	<1.4	<3.2	NC	91.3	84.1	8.2	97.6			80 - 120	30
Vanadium	BRL	0.33	21.7	22.6	4.10	96.0	90.6	5.8	106			80 - 120	30
Zinc	BRL	0.67	63.6	65.8	3.40	93.0	89.4	3.9	105			80 - 120	30

m = This parameter is outside laboratory MS/MSD specified recovery limits.

Environmental Laboratories, Inc.
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NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 806894 (mg/Kg), QC Sample No: CU40212 (CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.59	0.30 J	NC	110	103	6.6	105			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 806680 (mg/Kg), QC Sample No: CU41963 (CU40202)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.56	<0.56	NC	90.6	103	12.8	100			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 806366 (PH), QC Sample No: CU40127 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218)													
pH			9.45	9.41	0.40	100						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 806367 (mV), QC Sample No: CU40127 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218)													
Redox Potential			159	162	NC							75 - 125	30
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 806369 (PH), QC Sample No: CU40219 (CU40219)													
pH			7.01	6.98	0.40	100						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 806370 (mV), QC Sample No: CU40219 (CU40219)													
Redox Potential			258	256	NC							75 - 125	30
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													

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NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 808658 (mg/Kg), QC Sample No: CU40202 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)										
PFOA & PFOS - Soil										
11Cl-PF3OUdS	ND	0.0008	110.	104.					45 - 160	20
3:3FTCA	ND	0.001	115.	114.					45 - 130	20
4:2FTS	ND	0.0008	109.	101.					60 - 150	20
5:3FTCA	ND	0.005	101.	98.6					60 - 130	20
6:2FTS	ND	0.0008	114.	100.					55 - 200	20
7:3FTCA	ND	0.005	106.	101.					60 - 150	20
8:2FTS	ND	0.0008	109.	103.					70 - 150	20
9Cl-PF3ONS	ND	0.0008	117.	109.					70 - 150	20
ADONA	ND	0.0008	115.	107.					70 - 160	20
FOSA	ND	0.0002	103.	99.3					70 - 140	20
HFPO-DA	ND	0.0008	104.	105.					70 - 145	20
NEtFOSA	ND	0.0002	97.5	97.0					70 - 140	20
NEtFOSAA	ND	0.0002	100.	93.5					65 - 165	20
NEtFOSE	ND	0.002	103.	99.1					70 - 135	20
NFDHA	ND	0.0004	105.	96.4					60 - 155	20
NMeFOSA	ND	0.0002	98.8	96.2					70 - 155	20
NMeFOSAA	ND	0.0002	101.	95.4					65 - 155	20
NMeFOSE	ND	0.002	98.9	96.8					70 - 140	20
PFBA	ND	0.0008	104.	98.6					70 - 140	20
PFBS	ND	0.0002	104.	92.8					65 - 145	20
PFDA	ND	0.0002	101.	95.1					70 - 155	20
PFDoA	ND	0.0002	106.	98.8					70 - 150	20
PFDoDS	ND	0.0002	93.3	87.6					25 - 160	20
PFDS	ND	0.0002	108.	103.					40 - 155	20
PFEESA	ND	0.0004	111.	103.					70 - 140	20
PFHpA	ND	0.0002	104.	98.6					65 - 145	20
PFHpS	ND	0.0002	110.	107.					65 - 155	20
PFHxA	ND	0.0002	101.	93.6					65 - 140	20
PFHxS	ND	0.0002	102.	94.8					60 - 150	20
PFMBA	ND	0.0004	112.	107.					60 - 150	20
PFMPA	ND	0.0004	105.	99.7					30 - 140	20
PFNA	ND	0.0002	103.	96.7					70 - 155	20
PFNS	ND	0.0002	104.	104.					55 - 140	20
PFOA	ND	0.0002	96.7	91.6					70 - 150	20
PFOS	ND	0.0002	104.	96.2					65 - 160	20
PFPeA	ND	0.0004	102.	95.7					60 - 150	20
PFPeS	ND	0.0002	99.6	96.8					55 - 160	20
PFTA	ND	0.0002	105.	101.					65 - 150	20
PFTrDA	ND	0.0002	93.4	89.6					65 - 150	20
PFUnA	ND	0.0002	104.	99.0					70 - 155	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% d3-N-MeFOSAA	63.9		57.6	60.1					40 - 135	20
% M2-4:2 FTS	98.9		96.4	100.					40 - 165	20
% M2-6:2 FTS	93.4		96.1	99.8					40 - 215	20
% M2-8:2 FTS	94.0		88.9	94.1					40 - 275	20
% M2PFTEDA	72.0		79.2	78.5					20 - 130	20
% M3HFPO-DA	93.4		82.4	86.5					40 - 130	20
% M3PFBS	97.5		90.3	98.3					40 - 135	20
% M3PFHxS	92.4		91.6	94.0					40 - 130	20
% M4PFHpA	89.5		86.0	90.1					40 - 130	20
% M5PFHxA	92.6		91.6	96.1					40 - 130	20
% M5PFPEA	97.7		93.7	96.3					35 - 130	20
% M6PFDA	93.9		94.4	95.6					40 - 130	20
% M7PFUDA	96.6		101.	98.2					40 - 130	20
% M8FOSA	93.3		89.0	96.0					40 - 130	20
% M8PFOA	93.7		93.3	96.6					40 - 130	20
% M8PFOS	91.1		86.8	92.7					40 - 130	20
% M9PFNA	95.4		93.6	96.7					40 - 130	20
% MPFBA	98.4		99.3	99.0					8 - 130	20
% MPFDOA	88.4		94.0	94.2					40 - 130	20

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 808660 (ng/L), QC Sample No: CU40203 (CU40203, CU40210)

PFAS (21) (ReExtraction 1)

4:2FTS - Soil	ND	0.800	96	102					60 - 150	20
9Cl-PF3ONS - Soil	ND	0.800	91	92					70 - 150	20
ADONA - Soil	ND	0.800	90	98					70 - 160	20
FOSA - Soil	ND	0.200	100	106					70 - 140	20
NEtFOSA - Soil	ND	0.200	100	110					70 - 140	20
NEtFOSE - Soil	ND	2.00	94	99					70 - 135	20
NFDHA - Soil	ND	0.400	106	112					60 - 155	20
NMeFOSAA - Soil	ND	0.200	95	99					65 - 155	20
NMeFOSE - Soil	ND	2.00	97	102					70 - 140	20
PFBA - Soil	ND	0.800	91	99					70 - 140	20
PFDoA - Soil	ND	0.200	95	101					70 - 150	20
PFDS - Soil	ND	0.200	84	91					40 - 155	20
PFHpA - Soil	ND	0.200	92	100					65 - 145	20
PFHpS - Soil	ND	0.200	98	101					65 - 155	20
PFHxA - Soil	ND	0.200	97	100					65 - 140	20
PFHxS - Soil	ND	0.200	95	99					60 - 150	20
PFMPA - Soil	ND	0.400	90	96					30 - 140	20
PFNA - Soil	ND	0.200	93	100					70 - 155	20
PFNS - Soil	ND	0.200	91	95					55 - 140	20
PFOA - Soil	ND	0.200	95	102					70 - 150	20
PFOS - Soil	ND	0.200	91	92					65 - 160	20
PFPeS - Soil	ND	0.200	97	103					55 - 160	20
PFTrDA - Soil	ND	0.200	88	98					65 - 150	20
PFUnA - Soil	ND	0.200	94	104					70 - 155	20
% M2-6:2 FTS - Soil	96.1		104	87					40 - 215	20
% M2-8:2 FTS - Soil	84.5		92	80					40 - 275	20
% M2PFTEDA - Soil	65.6		69	64					20 - 130	20
% M4PFHpA - Soil	90.2		97	82					40 - 130	20
% M5PFHxA - Soil	87.3		92	77					40 - 130	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M7PFUDA - Soil	92.6		99	85					40 - 130	20
% M8FOSA - Soil	88.7		92	81					40 - 130	20
% M8PFOA - Soil	89.2		98	83					40 - 130	20
% M8PFOS - Soil	91.1		95	87					40 - 130	20
% MPFBA - Soil	101.		101	102					8 - 130	20
% MPFDOA - Soil	80.5		88	76					40 - 130	20

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 808662 (mg/Kg), QC Sample No: CU40203 (CU40203, CU40210)

PFOA & PFOS - Soil

11Cl-PF3OUdS	ND	0.0008	89.2	94.6					45 - 160	20
3:3FTCA	ND	0.001	91.7	103.					45 - 130	20
5:3FTCA	ND	0.005	93.9	102.					60 - 130	20
6:2FTS	ND	0.0008	98.3	107.					55 - 200	20
7:3FTCA	ND	0.005	91.5	98.0					60 - 150	20
8:2FTS	ND	0.0008	92.3	96.4					70 - 150	20
HFPO-DA	ND	0.0008	93.0	101.					70 - 145	20
NEtFOSAA	ND	0.0002	85.3	98.7					65 - 165	20
NMeFOSA	ND	0.0002	95.4	102.					70 - 155	20
PFBS	ND	0.0002	96.4	103.					65 - 145	20
PFDA	ND	0.0002	90.7	98.3					70 - 155	20
PFDoDS	ND	0.0002	69.8	82.4					25 - 160	20
PFEESA	ND	0.0004	96.0	105.					70 - 140	20
PFMBA	ND	0.0004	90.5	98.3					60 - 150	20
PFPeA	ND	0.0004	92.8	100.					60 - 150	20
PFTA	ND	0.0002	98.0	105.					65 - 150	20
% d3-N-MeFOSAA	83.2		78.4	72.2					40 - 135	20
% M2-4:2 FTS	97.8		104.	88.0					40 - 165	20
% M3HFPO-DA	92.0		104.	85.5					40 - 130	20
% M3PFBS	92.6		91.5	77.3					40 - 135	20
% M3PFHxS	88.2		94.2	81.2					40 - 130	20
% M5PFPEA	93.6		99.2	81.8					35 - 130	20
% M6PFDA	89.7		101.	82.2					40 - 130	20
% M9PFNA	91.2		97.2	82.6					40 - 130	20

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 808655 (ng/L), QC Sample No: CU40221 (CU40221, CU40222)

PFOA & PFOS

11Cl-PF3OUdS	ND	8.00	95.0	102.					55 - 160	20
3:3FTCA	ND	10.0	99.2	100.					65 - 130	20
4:2FTS	ND	8.00	104.	97.4					70 - 145	20
5:3FTCA	ND	50.0	106.	97.6					70 - 135	20
6:2FTS	ND	8.00	104.	101.					65 - 155	20
7:3FTCA	ND	50.0	101.	92.6					50 - 145	20
8:2FTS	ND	8.00	110.	102.					60 - 150	20
9Cl-PF3ONS	ND	8.00	116.	107.					70 - 155	20
ADONA	ND	8.00	115.	111.					65 - 145	20
FOSA	ND	2.00	114.	110.					70 - 145	20
HFPO-DA	ND	8.00	108.	106.					70 - 140	20
NEtFOSA	ND	2.00	119.	130.					65 - 145	20
NEtFOSAA	ND	2.00	99.0	94.2					70 - 145	20

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
NEtFOSE	ND	20.0	100.	102.					70 - 135	20
NFDHA	ND	4.00	93.6	85.3					50 - 150	20
NMeFOSA	ND	2.00	116.	131.					60 - 150	20
NMeFOSAA	ND	2.00	101.	93.8					50 - 140	20
NMeFOSE	ND	20.0	92.9	94.2					70 - 145	20
PFBA	ND	8.00	96.2	92.7					70 - 140	20
PFBS	ND	2.00	102.	96.7					60 - 145	20
PFDA	ND	2.00	101.	96.0					70 - 140	20
PFDoA	ND	2.00	98.0	99.6					70 - 140	20
PFDoDS	ND	2.00	67.9	67.2					50 - 145	20
PFDS	ND	2.00	88.6	92.8					60 - 145	20
PFEESA	ND	4.00	108.	98.3					70 - 140	20
PFHpA	ND	2.00	100.	97.7					70 - 145	20
PFHpS	ND	2.00	99.9	101.					70 - 150	20
PFHxA	ND	2.00	95.0	92.8					70 - 145	20
PFHxS	ND	2.00	102.	102.					65 - 145	20
PFMBA	ND	4.00	101.	96.4					60 - 150	20
PFMPA	ND	4.00	98.8	96.1					55 - 140	20
PFNA	ND	2.00	97.5	94.6					70 - 150	20
PFNS	ND	2.00	88.2	84.8					65 - 145	20
PFOA	ND	2.00	101.	95.4					70 - 150	20
PFOS	ND	2.00	99.6	100.					55 - 150	20
PFPeA	ND	4.00	101.	98.6					65 - 135	20
PFPeS	ND	2.00	106.	101.					65 - 140	20
PFTA	ND	2.00	113.	109.					60 - 140	20
PFTrDA	ND	2.00	79.1	73.2					65 - 140	20
PFUnA	ND	2.00	98.0	97.2					70 - 145	20
% d3-N-MeFOSAA	111.		99.8	102.					40 - 170	20
% d5-N-EtFOSAA	70.7		71.3	69.2					25 - 135	20
% M2-4:2 FTS	94.8		99.9	95.6					40 - 200	20
% M2-6:2 FTS	90.5		98.5	95.0					40 - 200	20
% M2-8:2 FTS	88.3		99.2	96.1					40 - 300	20
% M2PFTEDA	65.0		62.0	58.6					10 - 130	20
% M3HFPO-DA	82.1		83.7	81.3					40 - 130	20
% M3PFBS	93.4		100.	101.					40 - 135	20
% M3PFHxS	87.6		97.9	99.1					40 - 130	20
% M4PFHpA	84.3		91.2	95.2					40 - 130	20
% M5PFHxA	84.3		92.9	95.9					40 - 130	20
% M5PFPEA	88.2		96.6	98.5					40 - 130	20
% M6PFDA	88.5		97.7	99.0					40 - 130	20
% M7PFUDA	96.4		108.	101.					30 - 130	20
% M8FOSA	69.8		72.6	79.6					40 - 130	20
% M8PFOA	88.4		97.4	99.8					40 - 130	20
% M8PFOS	90.9		98.8	95.1					40 - 130	20
% M9PFNA	90.8		96.7	102.					40 - 130	20
% MPFBA	106.		106.	106.					5 - 130	20
% MPFDOA	94.0		99.7	107.					10 - 130	20

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 806693 (ug/l), QC Sample No: CU39590 (CU40222)

1,4dioxane - Water

1,4-dioxane (ISO)	ND	0.20	96	105	9.0	104			70 - 130	20

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,4-dioxane-d8 (ISO)	83	%		98	91	7.4	96			70 - 130	20
QA/QC Batch 806853 (mg/Kg), QC Sample No: CU40219 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	0.13		76	82	7.6	62	65	4.7	40 - 140	30
2,4,5-TP (Silvex)	ND	0.13		78	88	12.0	71	71	0.0	40 - 140	30
2,4-D	ND	0.25		91	97	6.4	74	75	1.3	40 - 140	30
2,4-DB	ND	2.5		91	90	1.1	75	73	2.7	40 - 140	30
Dalapon	ND	0.13		83	89	7.0	59	60	1.7	40 - 140	30
Dicamba	ND	0.13		78	82	5.0	65	68	4.5	40 - 140	30
Dichloroprop	ND	0.13		94	101	7.2	79	79	0.0	40 - 140	30
Dinoseb	ND	0.13		89	89	0.0	73	75	2.7	40 - 140	30
% DCAA (Surrogate Rec)	78	%		91	97	6.4	82	82	0.0	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	102	%		115	120	4.3	95	92	3.2	30 - 150	30
QA/QC Batch 807876 (mg/Kg), QC Sample No: CU39215 (CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033		71	86	19.1	93	87	6.7	40 - 140	30
PCB-1221	ND	0.033								40 - 140	30
PCB-1232	ND	0.033								40 - 140	30
PCB-1242	ND	0.033								40 - 140	30
PCB-1248	ND	0.033								40 - 140	30
PCB-1254	ND	0.033								40 - 140	30
PCB-1260	ND	0.033		84	89	5.8	97	91	6.4	40 - 140	30
PCB-1262	ND	0.033								40 - 140	30
PCB-1268	ND	0.033								40 - 140	30
% DCBP (Surrogate Rec)	75	%		92	98	6.3	107	97	9.8	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	75	%		95	96	1.0	105	96	9.0	30 - 150	30
% TCMX (Surrogate Rec)	70	%		78	92	16.5	103	92	11.3	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	68	%		78	92	16.5	103	92	11.3	30 - 150	30
QA/QC Batch 807807 (mg/Kg), QC Sample No: CU43788 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033		72	89	21.1	86	99	14.1	40 - 140	30
PCB-1221	ND	0.033								40 - 140	30
PCB-1232	ND	0.033								40 - 140	30
PCB-1242	ND	0.033								40 - 140	30
PCB-1248	ND	0.033								40 - 140	30
PCB-1254	ND	0.033								40 - 140	30
PCB-1260	ND	0.033		73	90	20.9	82	88	7.1	40 - 140	30
PCB-1262	ND	0.033								40 - 140	30
PCB-1268	ND	0.033								40 - 140	30
% DCBP (Surrogate Rec)	93	%		80	101	23.2	91	97	6.4	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	98	%		78	98	22.7	89	93	4.4	30 - 150	30
% TCMX (Surrogate Rec)	90	%		80	99	21.2	94	103	9.1	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	92	%		79	99	22.5	93	101	8.2	30 - 150	30
QA/QC Batch 808013 (mg/Kg), QC Sample No: CU40812 (CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)											
Pesticides - Soil											
4,4' -DDD	ND	0.0017		85	71	17.9	82	77	6.3	40 - 140	30
4,4' -DDE	ND	0.0017		82	70	15.8	99	94	5.2	40 - 140	30
4,4' -DDT	ND	0.0017		81	70	14.6	107	98	8.8	40 - 140	30

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
a-BHC	ND	0.001	76	67	12.6	77	73	5.3	40 - 140	30
a-Chlordane	ND	0.0033	82	72	13.0	89	79	11.9	40 - 140	30
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30
Aldrin	ND	0.001	77	67	13.9	76	73	4.0	40 - 140	30
b-BHC	ND	0.001	96	85	12.2	95	92	3.2	40 - 140	30
Chlordane	ND	0.033	89	83	7.0	88	81	8.3	40 - 140	30
d-BHC	ND	0.0033	71	62	13.5	72	68	5.7	40 - 140	30
Dieldrin	ND	0.001	79	68	15.0	76	72	5.4	40 - 140	30
Endosulfan I	ND	0.0033	78	67	15.2	78	79	1.3	40 - 140	30
Endosulfan II	ND	0.0033	90	77	15.6	86	82	4.8	40 - 140	30
Endosulfan sulfate	ND	0.0033	86	74	15.0	87	81	7.1	40 - 140	30
Endrin	ND	0.0033	94	82	13.6	91	85	6.8	40 - 140	30
Endrin aldehyde	ND	0.0033	79	69	13.5	77	74	4.0	40 - 140	30
Endrin ketone	ND	0.0033	92	79	15.2	92	86	6.7	40 - 140	30
g-BHC	ND	0.001	84	74	12.7	84	80	4.9	40 - 140	30
g-Chlordane	ND	0.0033	89	83	7.0	88	81	8.3	40 - 140	30
Heptachlor	ND	0.0033	82	71	14.4	81	78	3.8	40 - 140	30
Heptachlor epoxide	ND	0.0033	79	69	13.5	82	75	8.9	40 - 140	30
Methoxychlor	ND	0.0033	87	75	14.8	86	81	6.0	40 - 140	30
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	79	%	83	74	11.5	83	80	3.7	30 - 150	30
% DCBP (Confirmation)	63	%	86	77	11.0	81	81	0.0	30 - 150	30
% TCMX	72	%	74	67	9.9	70	71	1.4	30 - 150	30
% TCMX (Confirmation)	62	%	76	68	11.1	70	73	4.2	30 - 150	30

QA/QC Batch 807809 (mg/Kg), QC Sample No: CU43788 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208)

Pesticides - Soil

4,4' -DDD	ND	0.0017	61	70	13.7	85	79	7.3	40 - 140	30
4,4' -DDE	ND	0.0017	65	72	10.2	81	78	3.8	40 - 140	30
4,4' -DDT	ND	0.0017	69	76	9.7	84	80	4.9	40 - 140	30
a-BHC	ND	0.001	59	65	9.7	72	67	7.2	40 - 140	30
a-Chlordane	ND	0.0033	70	73	4.2	82	85	3.6	40 - 140	30
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30
Aldrin	ND	0.001	68	75	9.8	NC	NC	NC	40 - 140	30
b-BHC	ND	0.001	71	79	10.7	88	82	7.1	40 - 140	30
Chlordane	ND	0.033	77	85	9.9	92	93	1.1	40 - 140	30
d-BHC	ND	0.0033	51	59	14.5	61	49	21.8	40 - 140	30
Dieldrin	ND	0.001	71	78	9.4	83	74	11.5	40 - 140	30
Endosulfan I	ND	0.0033	72	84	15.4	93	85	9.0	40 - 140	30
Endosulfan II	ND	0.0033	73	79	7.9	89	86	3.4	40 - 140	30
Endosulfan sulfate	ND	0.0033	73	80	9.2	89	85	4.6	40 - 140	30
Endrin	ND	0.0033	74	81	9.0	93	87	6.7	40 - 140	30
Endrin aldehyde	ND	0.0033	73	79	7.9	72	69	4.3	40 - 140	30
Endrin ketone	ND	0.0033	71	81	13.2	96	87	9.8	40 - 140	30
g-BHC	ND	0.001	70	77	9.5	95	94	1.1	40 - 140	30
g-Chlordane	ND	0.0033	77	85	9.9	92	93	1.1	40 - 140	30
Heptachlor	ND	0.0033	68	76	11.1	92	79	15.2	40 - 140	30
Heptachlor epoxide	ND	0.0033	66	77	15.4	87	79	9.6	40 - 140	30
Methoxychlor	ND	0.0033	66	75	12.8	129	95	30.4	40 - 140	30
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	66	%	67	72	7.2	80	73	9.2	30 - 150	30
% DCBP (Confirmation)	58	%	56	56	0.0	63	59	6.6	30 - 150	30
% TCMX	56	%	60	66	9.5	72	70	2.8	30 - 150	30

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% TCMX (Confirmation)	60	%	66	64	3.1	65	62	4.7	30 - 150	30	
QA/QC Batch 807983 (mg/Kg), QC Sample No: CU40896 (CU40213, CU40214, CU40215, CU40216, CU40217, CU40218, CU40219)											
Semivolatiles - Soil											
1,1-Biphenyl	ND	0.23	58	53	9.0	56	52	7.4	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	64	58	9.8	64	59	8.1	30 - 130	30	
1,2,4-Trichlorobenzene	ND	0.23	60	59	1.7	62	57	8.4	30 - 130	30	
1,2-Dichlorobenzene	ND	0.18	51	48	6.1	52	47	10.1	30 - 130	30	
1,2-Diphenylhydrazine	ND	0.23	59	53	10.7	55	52	5.6	30 - 130	30	
1,3-Dichlorobenzene	ND	0.23	48	48	0.0	51	46	10.3	30 - 130	30	
1,4-Dichlorobenzene	ND	0.23	47	46	2.2	49	44	10.8	30 - 130	30	
2,2'-Oxybis(1-Chloropropane)	ND	0.23	40	39	2.5	43	40	7.2	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	76	67	12.6	70	64	9.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	74	65	12.9	68	64	6.1	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	79	69	13.5	73	69	5.6	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	79	70	12.1	76	71	6.8	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	76	68	11.1	74	69	7.0	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	94	83	12.4	80	72	10.5	30 - 130	30	
2,4-Dinitrotoluene	ND	0.13	83	74	11.5	77	74	4.0	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	81	72	11.8	74	68	8.5	30 - 130	30	
2-Chloronaphthalene	ND	0.23	62	57	8.4	59	55	7.0	30 - 130	30	
2-Chlorophenol	ND	0.23	62	57	8.4	63	57	10.0	30 - 130	30	
2-Methylnaphthalene	ND	0.23	72	66	8.7	72	66	8.7	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	65	58	11.4	66	60	9.5	30 - 130	30	
2-Nitroaniline	ND	0.33	106	91	15.2	81	75	7.7	30 - 130	30	
2-Nitrophenol	ND	0.23	79	75	5.2	82	77	6.3	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	67	58	14.4	65	59	9.7	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	87	62	33.6	18	13	32.3	30 - 130	30	m,r
3-Nitroaniline	ND	0.33	83	64	25.9	64	61	4.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	88	76	14.6	74	67	9.9	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	72	62	14.9	65	61	6.3	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	81	68	17.4	77	71	8.1	30 - 130	30	
4-Chloroaniline	ND	0.23	70	53	27.6	50	47	6.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	66	58	12.9	61	56	8.5	30 - 130	30	
4-Nitroaniline	ND	0.23	75	67	11.3	71	66	7.3	30 - 130	30	
4-Nitrophenol	ND	0.23	85	77	9.9	80	77	3.8	30 - 130	30	
Acenaphthene	ND	0.23	58	52	10.9	54	51	5.7	30 - 130	30	
Acenaphthylene	ND	0.13	54	49	9.7	51	48	6.1	30 - 130	30	
Acetophenone	ND	0.23	57	51	11.1	58	52	10.9	30 - 130	30	
Aniline	ND	0.33	53	39	30.4	16	27	51.2	30 - 130	30	m,r
Anthracene	ND	0.23	67	58	14.4	61	56	8.5	30 - 130	30	
Atrazine	ND	0.13	57	51	11.1	58	55	5.3	30 - 130	30	
Benzaldehyde	ND	0.23	78	71	9.4	78	72	8.0	30 - 130	30	
Benzidine	ND	0.33	<10	<10	NC	<10	<10	NC	30 - 130	30	l,m
benzo(a)anthracene	ND	0.23	71	61	15.2	62	58	6.7	30 - 130	30	
Benzo(a)pyrene	ND	0.13	68	59	14.2	59	55	7.0	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	68	60	12.5	62	57	8.4	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	70	61	13.7	57	54	5.4	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	69	59	15.6	59	56	5.2	30 - 130	30	
Benzoic Acid	ND	0.67	97	83	15.6	90	86	4.5	30 - 130	30	
Benzyl Alcohol	ND	0.23	62	54	13.8	62	57	8.4	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	74	66	11.4	68	64	6.1	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	57	54	5.4	59	54	8.8	30 - 130	30	

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroethyl)ether	ND	0.13	62	60	3.3	66	60	9.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	76	67	12.6	67	64	4.6	30 - 130	30	
Caprolactam	ND	0.23	80	68	16.2	72	66	8.7	30 - 130	30	
Carbazole	ND	0.23	69	60	14.0	62	58	6.7	30 - 130	30	
Chrysene	ND	0.23	66	58	12.9	58	53	9.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	73	64	13.1	60	56	6.9	30 - 130	30	
Dibenzofuran	ND	0.23	64	57	11.6	60	56	6.9	30 - 130	30	
Diethyl phthalate	ND	0.23	70	62	12.1	64	59	8.1	30 - 130	30	
Dimethylphthalate	ND	0.23	70	62	12.1	64	60	6.5	30 - 130	30	
Di-n-butylphthalate	ND	0.67	73	63	14.7	68	62	9.2	30 - 130	30	
Di-n-octylphthalate	ND	0.23	83	74	11.5	74	70	5.6	30 - 130	30	
Fluoranthene	ND	0.23	71	60	16.8	66	60	9.5	30 - 130	30	
Fluorene	ND	0.23	65	58	11.4	61	56	8.5	30 - 130	30	
Hexachlorobenzene	ND	0.13	70	63	10.5	64	61	4.8	30 - 130	30	
Hexachlorobutadiene	ND	0.23	59	60	1.7	64	57	11.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	47	45	4.3	24	17	34.1	30 - 130	30	m,r
Hexachloroethane	ND	0.13	49	49	0.0	51	46	10.3	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	75	65	14.3	61	57	6.8	30 - 130	30	
Isophorone	ND	0.13	56	52	7.4	56	51	9.3	30 - 130	30	
Naphthalene	ND	0.23	56	54	3.6	58	53	9.0	30 - 130	30	
Nitrobenzene	ND	0.13	57	53	7.3	60	54	10.5	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	52	47	10.1	50	44	12.8	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	59	51	14.5	59	54	8.8	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	62	55	12.0	59	55	7.0	30 - 130	30	
Pentachlorophenol	ND	0.23	81	72	11.8	76	71	6.8	30 - 130	30	
Phenanthrene	ND	0.13	66	57	14.6	60	56	6.9	30 - 130	30	
Phenol	ND	0.23	68	61	10.9	69	64	7.5	30 - 130	30	
Pyrene	ND	0.23	70	61	13.7	66	61	7.9	30 - 130	30	
% 2,4,6-Tribromophenol	77	%	79	69	13.5	73	73	0.0	30 - 130	30	
% 2-Fluorobiphenyl	65	%	60	54	10.5	59	56	5.2	30 - 130	30	
% 2-Fluorophenol	64	%	62	53	15.7	61	56	8.5	30 - 130	30	
% Nitrobenzene-d5	63	%	59	52	12.6	61	56	8.5	30 - 130	30	
% Phenol-d5	63	%	65	53	20.3	63	58	8.3	30 - 130	30	
% Terphenyl-d14	75	%	73	61	17.9	69	64	7.5	30 - 130	30	

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 807820 (mg/Kg), QC Sample No: CU43789 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	61	62	1.6	55	55	0.0	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	49	50	2.0	46	46	0.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	0.23	56	58	3.5	47	51	8.2	30 - 130	30	
1,2-Dichlorobenzene	ND	0.18	59	59	0.0	43	54	22.7	30 - 130	30	
1,2-Diphenylhydrazine	ND	0.23	63	63	0.0	58	60	3.4	30 - 130	30	
1,3-Dichlorobenzene	ND	0.23	54	56	3.6	39	49	22.7	30 - 130	30	
1,4-Dichlorobenzene	ND	0.23	55	56	1.8	42	52	21.3	30 - 130	30	
2,2'-Oxybis(1-Chloropropane)	ND	0.23	57	55	3.6	43	55	24.5	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	70	70	0.0	62	62	0.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	66	65	1.5	62	60	3.3	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	78	78	0.0	71	68	4.3	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	71	69	2.9	64	66	3.1	30 - 130	30	

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dimethylphenol	ND	0.23	72	71	1.4	62	65	4.7	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	86	81	6.0	51	51	0.0	30 - 130	30	
2,4-Dinitrotoluene	ND	0.13	77	79	2.6	72	72	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	74	75	1.3	68	68	0.0	30 - 130	30	
2-Chloronaphthalene	ND	0.23	63	63	0.0	56	56	0.0	30 - 130	30	
2-Chlorophenol	ND	0.23	67	66	1.5	50	62	21.4	30 - 130	30	
2-Methylnaphthalene	ND	0.23	66	67	1.5	59	62	5.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	82	70	15.8	53	75	34.4	30 - 130	30	r
2-Nitroaniline	ND	0.33	114	109	4.5	100	108	7.7	30 - 130	30	
2-Nitrophenol	ND	0.23	75	74	1.3	65	69	6.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	85	83	2.4	67	82	20.1	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	81	71	13.2	49	54	9.7	30 - 130	30	
3-Nitroaniline	ND	0.33	88	83	5.8	75	78	3.9	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	81	79	2.5	54	54	0.0	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	64	64	0.0	60	55	8.7	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	71	71	0.0	65	67	3.0	30 - 130	30	
4-Chloroaniline	ND	0.23	76	71	6.8	64	66	3.1	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	66	69	4.4	64	61	4.8	30 - 130	30	
4-Nitroaniline	ND	0.23	79	80	1.3	72	75	4.1	30 - 130	30	
4-Nitrophenol	ND	0.23	84	85	1.2	79	87	9.6	30 - 130	30	
Acenaphthene	ND	0.23	64	66	3.1	60	59	1.7	30 - 130	30	
Acenaphthylene	ND	0.13	57	56	1.8	50	57	13.1	30 - 130	30	
Acetophenone	ND	0.23	71	69	2.9	53	67	23.3	30 - 130	30	
Aniline	ND	0.33	51	42	19.4	36	46	24.4	30 - 130	30	
Anthracene	ND	0.23	61	63	3.2	60	63	4.9	30 - 130	30	
Atrazine	ND	0.13	56	56	0.0	55	53	3.7	30 - 130	30	
Benzaldehyde	ND	0.23	116	114	1.7	88	109	21.3	30 - 130	30	
Benzidine	ND	0.33	27	<10	NC	<10	<10	NC	30 - 130	30	l,m
benzo(a)anthracene	ND	0.23	63	66	4.7	67	77	13.9	30 - 130	30	
Benzo(a)pyrene	ND	0.13	62	66	6.3	66	78	16.7	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	62	67	7.8	82	99	18.8	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	62	67	7.8	48	76	45.2	30 - 130	30	r
Benzo(k)fluoranthene	ND	0.23	61	64	4.8	74	77	4.0	30 - 130	30	
Benzoic Acid	ND	0.67	82	82	0.0	44	43	2.3	30 - 130	30	
Benzyl Alcohol	ND	0.23	70	65	7.4	51	65	24.1	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	63	68	7.6	57	54	5.4	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	60	57	5.1	49	53	7.8	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	62	60	3.3	46	58	23.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	66	67	1.5	59	55	7.0	30 - 130	30	
Caprolactam	ND	0.23	65	62	4.7	53	57	7.3	30 - 130	30	
Carbazole	ND	0.23	64	66	3.1	62	63	1.6	30 - 130	30	
Chrysene	ND	0.23	61	66	7.9	64	76	17.1	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	65	70	7.4	45	57	23.5	30 - 130	30	
Dibenzofuran	ND	0.23	65	64	1.6	60	60	0.0	30 - 130	30	
Diethyl phthalate	ND	0.23	71	70	1.4	64	64	0.0	30 - 130	30	
Dimethylphthalate	ND	0.23	70	67	4.4	62	64	3.2	30 - 130	30	
Di-n-butylphthalate	ND	0.67	62	65	4.7	57	51	11.1	30 - 130	30	
Di-n-octylphthalate	ND	0.23	73	74	1.4	57	53	7.3	30 - 130	30	
Fluoranthene	ND	0.23	58	60	3.4	61	86	34.0	30 - 130	30	r
Fluorene	ND	0.23	68	69	1.5	65	67	3.0	30 - 130	30	
Hexachlorobenzene	ND	0.13	67	73	8.6	65	60	8.0	30 - 130	30	
Hexachlorobutadiene	ND	0.23	54	56	3.6	46	50	8.3	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	42	56	28.6	33	25	27.6	30 - 130	30	m

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachloroethane	ND	0.13	58	61	5.0	46	55	17.8	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	72	76	5.4	48	71	38.7	30 - 130	30	r
Isophorone	ND	0.13	55	56	1.8	47	52	10.1	30 - 130	30	
Naphthalene	ND	0.23	58	59	1.7	51	56	9.3	30 - 130	30	
Nitrobenzene	ND	0.13	68	66	3.0	55	67	19.7	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	47	44	6.6	30	41	31.0	30 - 130	30	r
N-Nitrosodi-n-propylamine	ND	0.13	71	69	2.9	54	68	23.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	63	62	1.6	56	57	1.8	30 - 130	30	
Pentachlorophenol	ND	0.23	82	85	3.6	73	71	2.8	30 - 130	30	
Phenanthrene	ND	0.13	62	66	6.3	63	84	28.6	30 - 130	30	
Phenol	ND	0.23	80	74	7.8	59	70	17.1	30 - 130	30	
Pyrene	ND	0.23	55	53	3.7	55	78	34.6	30 - 130	30	r
% 2,4,6-Tribromophenol	94	%	76	83	8.8	76	75	1.3	30 - 130	30	
% 2-Fluorobiphenyl	71	%	61	63	3.2	54	55	1.8	30 - 130	30	
% 2-Fluorophenol	61	%	63	61	3.2	44	54	20.4	30 - 130	30	
% Nitrobenzene-d5	78	%	71	70	1.4	56	69	20.8	30 - 130	30	
% Phenol-d5	66	%	70	65	7.4	51	62	19.5	30 - 130	30	
% Terphenyl-d14	58	%	49	51	4.0	45	45	0.0	30 - 130	30	

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 806486 (mg/Kg), QC Sample No: CU40202 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	0.067	42	45	6.9	46	43	6.7	30 - 130	30	
% 2-Fluorobiphenyl	53	%	63	59	6.6	54	54	0.0	30 - 130	30	
% Nitrobenzene-d5	52	%	74	63	16.1	58	57	1.7	30 - 130	30	
% Terphenyl-d14	65	%	76	68	11.1	68	71	4.3	30 - 130	30	

QA/QC Batch 807216 (mg/Kg), QC Sample No: CU41615 (CU40215, CU40216, CU40217, CU40218, CU40219)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	0.067	40	37	7.8	40	39	2.5	30 - 130	30	
% 2-Fluorobiphenyl	38	%	63	49	25.0	64	55	15.1	30 - 130	30	
% Nitrobenzene-d5	38	%	70	56	22.2	66	56	16.4	30 - 130	30	
% Terphenyl-d14	46	%	75	61	20.6	79	70	12.1	30 - 130	30	

QA/QC Batch 806738 (mg/Kg), QC Sample No: CU40219 (CU40202, CU40203, CU40204, CU40205, CU40206, CU40207, CU40208, CU40209, CU40210, CU40211, CU40212, CU40213, CU40214, CU40216, CU40217, CU40218, CU40219, CU40220)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	111	109	1.8	111	108	2.7	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	108	108	0.0	114	113	0.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	117	112	4.4	114	113	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	119	118	0.8	118	113	4.3	70 - 130	30	
1,1-Dichloroethane	ND	0.005	112	112	0.0	116	117	0.9	70 - 130	30	
1,1-Dichloroethene	ND	0.005	104	105	1.0	108	108	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	110	105	4.7	100	91	9.4	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	108	103	4.7	104	100	3.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	108	103	4.7	96	85	12.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	109	104	4.7	111	105	5.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	123	110	11.2	99	98	1.0	70 - 130	30	
1,2-Dibromoethane	ND	0.005	111	108	2.7	105	103	1.9	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	109	105	3.7	105	100	4.9	70 - 130	30	
1,2-Dichloroethane	ND	0.005	107	104	2.8	105	102	2.9	70 - 130	30	
1,2-Dichloropropane	ND	0.005	122	118	3.3	118	116	1.7	70 - 130	30	

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3,5-Trimethylbenzene	ND	0.001	110	106	3.7	114	108	5.4	70 - 130	30
1,3-Dichlorobenzene	ND	0.005	107	102	4.8	103	95	8.1	70 - 130	30
1,4-Dichlorobenzene	ND	0.005	111	106	4.6	104	96	8.0	70 - 130	30
1,4-dioxane	ND	0.1	115	112	2.6	124	115	7.5	70 - 130	30
2-Hexanone	ND	0.025	112	108	3.6	97	97	0.0	70 - 130	30
4-Methyl-2-pentanone	ND	0.025	121	121	0.0	112	109	2.7	70 - 130	30
Acetone	ND	0.01	100	99	1.0	91	89	2.2	70 - 130	30
Acrolein	ND	0.025	109	105	3.7	94	98	4.2	70 - 130	30
Acrylonitrile	ND	0.005	124	123	0.8	111	114	2.7	70 - 130	30
Benzene	ND	0.001	117	115	1.7	119	114	4.3	70 - 130	30
Bromochloromethane	ND	0.005	106	106	0.0	105	109	3.7	70 - 130	30
Bromodichloromethane	ND	0.005	115	111	3.5	111	109	1.8	70 - 130	30
Bromoform	ND	0.005	110	107	2.8	97	95	2.1	70 - 130	30
Bromomethane	ND	0.005	97	99	2.0	99	98	1.0	70 - 130	30
Carbon Disulfide	ND	0.005	108	107	0.9	108	106	1.9	70 - 130	30
Carbon tetrachloride	ND	0.005	109	110	0.9	114	115	0.9	70 - 130	30
Chlorobenzene	ND	0.005	108	105	2.8	106	99	6.8	70 - 130	30
Chloroethane	ND	0.005	107	104	2.8	108	108	0.0	70 - 130	30
Chloroform	ND	0.005	102	103	1.0	107	106	0.9	70 - 130	30
Chloromethane	ND	0.005	115	110	4.4	117	117	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	0.005	118	116	1.7	119	120	0.8	70 - 130	30
cis-1,3-Dichloropropene	ND	0.005	127	124	2.4	118	112	5.2	70 - 130	30
Cyclohexane	ND	0.005	119	117	1.7	127	125	1.6	70 - 130	30
Dibromochloromethane	ND	0.003	114	110	3.6	106	103	2.9	70 - 130	30
Dibromomethane	ND	0.005	117	115	1.7	112	109	2.7	70 - 130	30
Dichlorodifluoromethane	ND	0.005	122	118	3.3	120	119	0.8	70 - 130	30
Ethylbenzene	ND	0.001	111	108	2.7	111	106	4.6	70 - 130	30
Hexachlorobutadiene	ND	0.005	108	104	3.8	112	105	6.5	70 - 130	30
Isopropylbenzene	ND	0.001	113	109	3.6	120	113	6.0	70 - 130	30
m&p-Xylene	ND	0.002	109	106	2.8	109	103	5.7	70 - 130	30
Methyl ethyl ketone	ND	0.005	103	102	1.0	94	98	4.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	0.001	116	113	2.6	112	115	2.6	70 - 130	30
Methylacetate	ND	0.005	116	120	3.4	119	123	3.3	70 - 130	30
Methylcyclohexane	ND	0.005	122	116	5.0	129	120	7.2	70 - 130	30
Methylene chloride	ND	0.005	101	102	1.0	101	102	1.0	70 - 130	30
n-Butylbenzene	ND	0.001	118	112	5.2	120	109	9.6	70 - 130	30
n-Propylbenzene	ND	0.001	112	107	4.6	116	109	6.2	70 - 130	30
o-Xylene	ND	0.002	111	109	1.8	112	107	4.6	70 - 130	30
p-Isopropyltoluene	ND	0.001	112	107	4.6	116	108	7.1	70 - 130	30
sec-Butylbenzene	ND	0.001	109	106	2.8	116	108	7.1	70 - 130	30
Styrene	ND	0.005	109	107	1.9	106	99	6.8	70 - 130	30
tert-butyl alcohol	ND	0.1	114	112	1.8	120	106	12.4	70 - 130	30
tert-Butylbenzene	ND	0.001	110	106	3.7	116	111	4.4	70 - 130	30
Tetrachloroethene	ND	0.005	113	109	3.6	114	106	7.3	70 - 130	30
Toluene	ND	0.001	116	113	2.6	117	112	4.4	70 - 130	30
trans-1,2-Dichloroethene	ND	0.005	110	111	0.9	111	110	0.9	70 - 130	30
trans-1,3-Dichloropropene	ND	0.005	126	123	2.4	111	108	2.7	70 - 130	30
Trichloroethene	ND	0.005	109	108	0.9	109	105	3.7	70 - 130	30
Trichlorofluoromethane	ND	0.005	99	97	2.0	104	103	1.0	70 - 130	30
Trichlorotrifluoroethane	ND	0.005	111	108	2.7	119	116	2.6	70 - 130	30
Vinyl chloride	ND	0.005	110	109	0.9	111	111	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	105	102	2.9	104	103	1.0	70 - 130	30
% Bromofluorobenzene	100	%	101	101	0.0	97	98	1.0	70 - 130	30

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Dibromofluoromethane	96	%		96	98	2.1	94	101	7.2	70 - 130	30	
% Toluene-d8	92	%		105	105	0.0	104	104	0.0	70 - 130	30	
QA/QC Batch 806738H (mg/Kg), QC Sample No: CU40219 50X (CU40223 (50X))												
Volatiles - Soil (High Level)												
1,1,1,2-Tetrachloroethane	ND	0.25		104	106	1.9	104	105	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	0.25		109	111	1.8	105	109	3.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.25		109	107	1.9	108	107	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	0.25		112	113	0.9	110	112	1.8	70 - 130	30	
1,1-Dichloroethane	ND	0.25		113	116	2.6	111	113	1.8	70 - 130	30	
1,1-Dichloroethene	ND	0.25		100	103	3.0	96	99	3.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.25		110	107	2.8	103	104	1.0	70 - 130	30	
1,2,3-Trichloropropane	ND	0.25		101	98	3.0	97	100	3.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.25		108	104	3.8	103	102	1.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.25		108	107	0.9	108	107	0.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.25		109	104	4.7	98	96	2.1	70 - 130	30	
1,2-Dibromoethane	ND	0.25		105	104	1.0	102	103	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	0.25		105	105	0.0	105	106	0.9	70 - 130	30	
1,2-Dichloroethane	ND	0.25		104	101	2.9	103	103	0.0	70 - 130	30	
1,2-Dichloropropane	ND	0.25		116	116	0.0	117	116	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.25		110	109	0.9	109	108	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	0.25		105	104	1.0	105	103	1.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.25		108	107	0.9	108	106	1.9	70 - 130	30	
1,4-dioxane	ND	5		109	102	6.6	125	115	8.3	70 - 130	30	
2-Hexanone	ND	1.3		100	100	0.0	94	96	2.1	70 - 130	30	
4-Methyl-2-pentanone	ND	1.3		109	106	2.8	106	107	0.9	70 - 130	30	
Acetone	ND	0.5		83	89	7.0	74	78	5.3	70 - 130	30	
Acrolein	ND	1.3		100	105	4.9	93	95	2.1	70 - 130	30	
Acrylonitrile	ND	0.25		119	124	4.1	115	120	4.3	70 - 130	30	
Benzene	ND	0.25		114	114	0.0	115	115	0.0	70 - 130	30	
Bromochloromethane	ND	0.25		106	109	2.8	104	102	1.9	70 - 130	30	
Bromodichloromethane	ND	0.25		107	105	1.9	107	106	0.9	70 - 130	30	
Bromoform	ND	0.25		96	93	3.2	90	93	3.3	70 - 130	30	
Bromomethane	ND	0.25		80	84	4.9	75	78	3.9	70 - 130	30	
Carbon Disulfide	ND	0.25		100	103	3.0	94	96	2.1	70 - 130	30	
Carbon tetrachloride	ND	0.25		110	107	2.8	104	104	0.0	70 - 130	30	
Chlorobenzene	ND	0.25		104	105	1.0	106	105	0.9	70 - 130	30	
Chloroethane	ND	0.25		44	43	2.3	45	45	0.0	70 - 130	30	l,m
Chloroform	ND	0.25		99	105	5.9	103	102	1.0	70 - 130	30	
Chloromethane	ND	0.25		115	116	0.9	110	111	0.9	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.25		122	122	0.0	119	119	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.25		121	117	3.4	114	115	0.9	70 - 130	30	
Cyclohexane	ND	0.25		123	124	0.8	121	122	0.8	70 - 130	30	
Dibromochloromethane	ND	0.15		102	103	1.0	99	102	3.0	70 - 130	30	
Dibromomethane	ND	0.25		108	109	0.9	109	109	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	0.25		118	120	1.7	112	116	3.5	70 - 130	30	
Ethylbenzene	ND	0.25		107	109	1.9	109	108	0.9	70 - 130	30	
Hexachlorobutadiene	ND	0.25		111	108	2.7	110	110	0.0	70 - 130	30	
Isopropylbenzene	ND	0.25		111	113	1.8	113	114	0.9	70 - 130	30	
m&p-Xylene	ND	0.25		106	108	1.9	108	107	0.9	70 - 130	30	
Methyl ethyl ketone	ND	0.25		102	99	3.0	91	89	2.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.25		114	115	0.9	110	112	1.8	70 - 130	30	
Methylacetate	ND	0.25		135	138	2.2	113	114	0.9	70 - 130	30	l

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylcyclohexane	ND	0.25	121	121	0.0	123	122	0.8	70 - 130	30	
Methylene chloride	ND	0.25	98	98	0.0	94	96	2.1	70 - 130	30	
n-Butylbenzene	ND	0.25	119	117	1.7	119	118	0.8	70 - 130	30	
n-Propylbenzene	ND	0.25	112	112	0.0	112	111	0.9	70 - 130	30	
o-Xylene	ND	0.25	107	109	1.9	110	109	0.9	70 - 130	30	
p-Isopropyltoluene	ND	0.25	111	110	0.9	111	112	0.9	70 - 130	30	
sec-Butylbenzene	ND	0.25	109	109	0.0	110	109	0.9	70 - 130	30	
Styrene	ND	0.25	105	106	0.9	106	106	0.0	70 - 130	30	
tert-butyl alcohol	ND	5	108	106	1.9	110	107	2.8	70 - 130	30	
tert-Butylbenzene	ND	0.25	108	108	0.0	109	109	0.0	70 - 130	30	
Tetrachloroethene	ND	0.25	113	111	1.8	109	110	0.9	70 - 130	30	
Toluene	ND	0.25	114	113	0.9	115	114	0.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.25	116	120	3.4	107	108	0.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.25	118	115	2.6	110	111	0.9	70 - 130	30	
Trichloroethene	ND	0.25	107	107	0.0	107	107	0.0	70 - 130	30	
Trichlorofluoromethane	ND	0.25	57	58	1.7	61	61	0.0	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	0.25	108	112	3.6	106	108	1.9	70 - 130	30	
Vinyl chloride	ND	0.25	109	112	2.7	103	104	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	93	%	104	101	2.9	104	101	2.9	70 - 130	30	
% Bromofluorobenzene	100	%	98	98	0.0	99	99	0.0	70 - 130	30	
% Dibromofluoromethane	99	%	101	103	2.0	98	101	3.0	70 - 130	30	
% Toluene-d8	93	%	104	103	1.0	104	104	0.0	70 - 130	30	

QA/QC Batch 806961 (mg/Kg), QC Sample No: CU42294 (CU40215)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	123	130	5.5	97	109	11.7	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	117	127	8.2	92	102	10.3	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	109	112	2.7	83	91	9.2	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	113	119	5.2	91	103	12.4	70 - 130	30	
1,1-Dichloroethane	ND	0.005	111	122	9.4	90	98	8.5	70 - 130	30	
1,1-Dichloroethene	ND	0.005	108	118	8.8	82	88	7.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	114	116	1.7	88	98	10.8	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	115	117	1.7	89	98	9.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	118	119	0.8	86	97	12.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	118	122	3.3	91	100	9.4	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	120	126	4.9	87	101	14.9	70 - 130	30	
1,2-Dibromoethane	ND	0.005	117	123	5.0	93	105	12.1	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	111	116	4.4	86	96	11.0	70 - 130	30	
1,2-Dichloroethane	ND	0.005	118	126	6.6	95	107	11.9	70 - 130	30	
1,2-Dichloropropane	ND	0.005	106	113	6.4	86	96	11.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	119	124	4.1	93	100	7.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	114	118	3.4	86	95	9.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	112	117	4.4	86	95	9.9	70 - 130	30	
1,4-dioxane	ND	0.1	108	115	6.3	86	105	19.9	70 - 130	30	
2-Hexanone	ND	0.025	102	106	3.8	78	87	10.9	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	112	116	3.5	84	95	12.3	70 - 130	30	
Acetone	ND	0.01	101	108	6.7	78	84	7.4	70 - 130	30	
Acrolein	ND	0.025	99	106	6.8	70	77	9.5	70 - 130	30	
Acrylonitrile	ND	0.005	113	123	8.5	86	96	11.0	70 - 130	30	
Benzene	ND	0.001	108	116	7.1	88	97	9.7	70 - 130	30	
Bromochloromethane	ND	0.005	111	119	7.0	90	98	8.5	70 - 130	30	
Bromodichloromethane	ND	0.005	118	125	5.8	91	105	14.3	70 - 130	30	
Bromoform	ND	0.005	124	133	7.0	92	108	16.0	70 - 130	30	l

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromomethane	ND	0.005	109	121	10.4	88	94	6.6	70 - 130	30	
Carbon Disulfide	ND	0.005	106	119	11.6	80	87	8.4	70 - 130	30	
Carbon tetrachloride	ND	0.005	111	124	11.1	86	97	12.0	70 - 130	30	
Chlorobenzene	ND	0.005	111	118	6.1	90	97	7.5	70 - 130	30	
Chloroethane	ND	0.005	111	121	8.6	89	94	5.5	70 - 130	30	
Chloroform	ND	0.005	111	120	7.8	90	98	8.5	70 - 130	30	
Chloromethane	ND	0.005	105	115	9.1	83	88	5.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	111	119	7.0	89	98	9.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	119	125	4.9	93	105	12.1	70 - 130	30	
Cyclohexane	ND	0.005	108	116	7.1	86	92	6.7	70 - 130	30	
Dibromochloromethane	ND	0.003	121	127	4.8	93	106	13.1	70 - 130	30	
Dibromomethane	ND	0.005	112	119	6.1	88	100	12.8	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	120	128	6.5	90	96	6.5	70 - 130	30	
Ethylbenzene	ND	0.001	113	120	6.0	91	98	7.4	70 - 130	30	
Hexachlorobutadiene	ND	0.005	118	121	2.5	92	99	7.3	70 - 130	30	
Isopropylbenzene	ND	0.001	113	119	5.2	90	97	7.5	70 - 130	30	
m&p-Xylene	ND	0.002	114	120	5.1	92	98	6.3	70 - 130	30	
Methyl ethyl ketone	ND	0.005	91	97	6.4	68	78	13.7	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	0.001	115	122	5.9	90	102	12.5	70 - 130	30	
Methylacetate	ND	0.005	113	123	8.5	83	93	11.4	70 - 130	30	
Methylcyclohexane	ND	0.005	112	117	4.4	87	95	8.8	70 - 130	30	
Methylene chloride	ND	0.005	99	108	8.7	78	86	9.8	70 - 130	30	
n-Butylbenzene	ND	0.001	117	121	3.4	88	96	8.7	70 - 130	30	
n-Propylbenzene	ND	0.001	113	117	3.5	87	94	7.7	70 - 130	30	
o-Xylene	ND	0.002	113	121	6.8	91	98	7.4	70 - 130	30	
p-Isopropyltoluene	ND	0.001	115	120	4.3	89	98	9.6	70 - 130	30	
sec-Butylbenzene	ND	0.001	114	119	4.3	89	96	7.6	70 - 130	30	
Styrene	ND	0.005	117	123	5.0	93	102	9.2	70 - 130	30	
tert-butyl alcohol	ND	0.1	117	119	1.7	89	107	18.4	70 - 130	30	
tert-Butylbenzene	ND	0.001	115	122	5.9	91	99	8.4	70 - 130	30	
Tetrachloroethene	ND	0.005	112	117	4.4	88	96	8.7	70 - 130	30	
Toluene	ND	0.001	110	116	5.3	88	96	8.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	106	118	10.7	84	90	6.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	126	132	4.7	96	110	13.6	70 - 130	30	l
Trichloroethene	ND	0.005	112	120	6.9	91	101	10.4	70 - 130	30	
Trichlorofluoromethane	ND	0.005	119	129	8.1	94	100	6.2	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	119	129	8.1	93	100	7.3	70 - 130	30	
Vinyl chloride	ND	0.005	105	118	11.7	81	86	6.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	102	101	1.0	99	101	2.0	70 - 130	30	
% Bromofluorobenzene	100	%	106	105	0.9	104	106	1.9	70 - 130	30	
% Dibromofluoromethane	101	%	106	109	2.8	104	107	2.8	70 - 130	30	
% Toluene-d8	101	%	104	103	1.0	103	104	1.0	70 - 130	30	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GCU40202

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 26, 2025

Wednesday, November 26, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCU40202 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 26, 2025

SDG I.D.: GCU40202

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 1.7°C Coolant: IPK ICE Cooler: Yes No / No

NY/NJ/PA CHAIN OF CUSTODY RECORD

Pg 1 of 2

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone: O. 845-867-4724 C. 917-327-9711
Email(s): szabolcs_david@gbtpa.com

Customer: Gallagher Bassett Technical Services
Address: 22 IBM Road, Suite 101
Poughkeepsie New York 12601

Project: 22003-0092
Report to (name): Erick Salazar (erick_salazar@gbtpa.com)
Invoice to: Accounts Payable (gbts.payables@gbtpa.com)
QUOTE # : BCP RI Implementation *(Soil Investigation)

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Hannah Baron Date: 10/1/2025

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **TB** = Trip Blank **FB** = Field Blank **EB** = Equipment Blank

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10	SVOCs +20	TAL Metals, Cr^{6+}, CN^-	PCBs, pesticides, herbicides	PFAS (Method 1633)	1,4-dioxane (8270 SIM)		GL Amber 8 oz. [ ] w/H_2PO_4 [1] $NAHSO_4$ [ ] NH_4 [2] H_2O	Soil VOA Vials [1] methanol [2] H_2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [1] 250ml [2] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 [ ] 250ml [ ] 1000ml	PL NAOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
40202	2SB-01 surf	S	10/1/2025	10:10		x	x	x	x	x	x				x	x				x						
40203	2SB-01 5-7.5	S	10/1/2025	10:55		x	x	x	x	x	x				x	x				x						
40204	2SB-01 7.5-10	S	10/1/2025	11:00		x	x	x	x	x	x				x	x				x						
40205	2SB-02 surf	S	10/1/2025	9:10		x	x	x	x	x	x				x	x				x						
40206	2SB-02 5-7.5	S	10/1/2025	10:10		x	x	x	x	x	x				x	x				x						
40207	2SB-02 7.5-10	S	10/1/2025	10:20		x	x	x	x	x	x				x	x				x						
40208	2SB-03 surf	S	10/1/2025	10:55		x	x	x	x	x	x				x	x				x						
40209	2SB-03 10-12.5	S	10/1/2025	11:35		x	x	x	x	x	x				x	x				x						
40210	2SB-03 12.5-15	S	10/1/2025	11:35		x	x	x	x	x	x				x	x				x						
40211	2SB-04 surf	S	10/1/2025	15:30		x	x	x	x	x	x				x	x				x						
40212	2SB-04 0-5	S	10/1/2025	14:55		x	x	x	x	x	x				x	x				x						

Relinquished by:	Accepted by:	Date	Time:
		10/2/2025	12:45
		10/2/25	17:00

Comments, Special Requirements or Regulations:

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Data Format:
- ☑ Phoenix Std Report
- ☑ Excel
- ☑ PDF
- ☐ GIS/Key
- ☑ NYSDEC EQuIS
- ☐ NJ Hazsite EDD
- ☐ NY EZ EDD (ASP)
- ☐ Other

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ 4 Days*
- ☐ 5 Days*
- ☑ Standard

* SURCHARGE

NJ
- ☐ SRS Res. Criteria
- ☐ SRS Non-Res. Criteria
- ☐ SRS Migration to GW
- ☐ Impact to GW Soil Cleanup Criteria
- ☐ Impact to GW soil screen Criteria GW Criteria

Data Package:
- ☐ NJ Reduced Deliv. *
- ☐ Other
- ☑ NY Enhanced (ASP B) *

NY
- ☐ TOGS GW
- ☐ CP-51 SOIL
- ☐ 375SCO Unrestricted Soil
- ☐ 375SCO Residential Soil
- ☑ 375SCO Residential
- ☐ 375SCO Commercial Soil
- ☐ 375SCO Industrial Soil
- ☐ Subpart 5 DW

PA
- ☐ Clean Fill Limits
- ☐ PA-GW
- ☐ Reg Fill Limits
- ☐ Other:_____

State Samples Collected? NY

Temp 1.7°C Coolant: IPK ICE Cooler: Yes No No

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.
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40213	2SB-04 10-15	S	10/1/2025	14:50		x	x	x	x	x	x				x	x				x						
40214	2SB-05 surf	S	10/1/2025	12:45		x	x	x	x	x	x				x	x				x						
40215	2SB-05 5-7	S	10/1/2025	14:30		x	x	x	x	x	x				x	x				x						
40216	2SB-06 surf	S	10/1/2025	11:55		x	x	x	x	x	x				x	x				x						
40217	2SB-06 0-2.5	S	10/1/2025	12:30		x	x	x	x	x	x				x	x				x						
40218	2SB-06 7.5-10	S	10/1/2025	12:38		x	x	x	x	x	x				x	x				x						
40219	DUP-20251001	S	10/1/2025			x	x	x	x	x	x				x	x				x						
40220	TB-20251001 LL	TB	10/1/2025			x									x											
40221	FB-20251001	FB	10/1/2025	8:45						x										x						
40222	EB-20251001	EB	10/1/2025	8:35						x	x			x						x						
40223	TB HL																									

Relinquished by:	Accepted by:	Date:	Time:
GBTS		10/2/25	12:45
		10/2/25	17:00

Comments, Special Requirements or Regulations:
9/22/25
TB Date
(LL)

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Data Format:
- ☑ Phoenix Std Report
- ☑ Excel
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- ☐ GIS/Key
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- ☐ 1 Day*
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- ☐ 5 Days*
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* SURCHARGE

Data Package:
- ☐ NJ Reduced Deliv. *
- ☐ Other
- ☑ NY Enhanced (ASP B) *

NJ
- ☐ SRS Res. Criteria
- ☐ SRS Non-Res. Criteria
- ☐ SRS Migration to GW
- ☐ Impact to GW Soil Cleanup Criteria
- ☐ Impact to GW soil screen Criteria GW Criteria

NY
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- ☐ Subpart 5 DW

PA
- ☐ Clean Fill Limits
- ☐ PA-GW
- ☐ Reg Fill Limits
- ☐ Other:_____

State Samples Collected? NY

PHOENIX ENVIRONMENTAL LABORATORIES

GCU40202

SS5847

Jennifer Prescott
207-874-2400

SGS NORTH AMERICA, INC.
600 TECHNOLOGY WAY
SCARBOROUGH, ME 04074

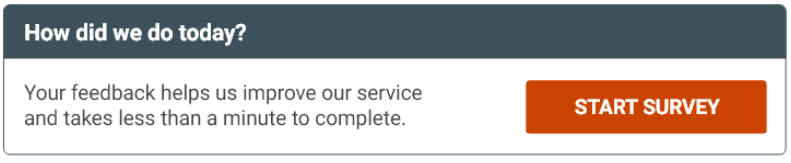


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SAMPLE DATA PACKAGE

NARRATIVE
SGS NORTH AMERICA, INC. - SCARBOROUGH
PHOENIX ENVIRONMENTAL LABORATORIES
GCU40202
SS5847

Sample Receipt

The following samples were received on October 04, 2025 and were logged in under SGS-Scarborough work order number SS5847 for a hardcopy due date of October 14, 2025.

SGS-SCARBOROUGH Sample No.	PHOENIX Sample Identification
SS5847-1	2SB-01 SURF
SS5847-2	2SB-01 5-7.5
SS5847-3	2SB-01 7.5-10
SS5847-4	2SB-02 SURF
SS5847-5	2SB-02 5-7.5
SS5847-6	2SB-02 7.5-10
SS5847-7	2SB-03 SURF
SS5847-8	2SB-03 10-12.5
SS5847-9	2SB-03 12.5-15
SS5847-10	2SB-04 SURF
SS5847-11	2SB-04 0-5
SS5847-12	2SB-04 10-15
SS5847-13	2SB-05 SURF
SS5847-14	2SB-05 5-7
SS5847-15	2SB-06 SURF
SS5847-16	2SB-06 0-2.5
SS5847-17	2SB-06 7.5-10
SS5847-18	DUP-20251001
SS5847-19	FB-20251001
SS5847-20	EB-20251001

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAP standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your SGS Project Manager, **Heather Manz**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of Work Order SS5847 were analyzed in accordance with "Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS", EPA 820/R-24-007, December 2024, and/or for the specific methods listed below or on the Report of Analysis.

1633A Analysis

Sample SS5847-2RA had low recoveries for the extracted internal standards (EIS): M-NEtFOSAA-D5 and M-NMeFOSAA-D3 that were outside criteria. Sample was re-extracted within hold time with similar results.

Several samples had signal to noise limits and/or ion ratios outside criteria for the target analyte PFBA and/or PFOS.

The continuing calibration verifications (CCVs) standard (files 2LC04261, 2LC04276, 2LC04396) had high recoveries for the target analytes 3,3 FTCA, NFDHA and/or PFMBA that were outside criteria.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Wet Chemistry Analysis

The samples of work order SS5847 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA publication SW-846, Third Edition, Final Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), V (2015), VI (2019), and VII (2021).

All Wet Chemistry results were evaluated to the lab's Method Detection Limits (MDL). Measured concentrations that fall between the MDL and the Practical Quantitation Limit (PQL) are flagged "J". Measured concentrations that are below the MDL are flagged "U" and reported as "U PQL", where "PQL" is the numerical value of the Practical Quantitation Limit.

All analyses were performed within analytical holding times. All quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Quality Assurance Officer, or their designee, as verified by the following signature.



10/14/2025

Jennifer Prescott
Quality Assurance Officer

SGS NORTH AMERICA, INC. - SCARBOROUGH

Manual Integration Codes For GC/MS, GC, HPLC and/or IC

M1	Peak splitting.
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant.
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analysis such as GRO, DRO and TPH require a baseline hold.
M9	Peak was not completely integrated as in GC/MS.
M10	Primary ion was correctly integrated, but secondary or tertiary ion needed manual integration as in GC/MS.
M11	For GC analysis, when a sample is diluted by 1:10 or more, the surrogate is set to undetected and then the area under the surrogate is manually integrated.

SGS North America, Inc. - SCARBOROUGH — Sample Receipt Condition Report

Client: Phoenix	SGS PM: HHM	Sampled By: client
Project:	KIMS Entry By: RAG	Delivered By: Fedex
Work Order#: 555846, 555847, 555848	KIMS Review By: HHM	Airbill #: 421992849637
	Labeled By: RAG	Received By: RAG
SDG #:	Cooler: 1 of 1	Date/Time Rec.: 10-4-25 1015

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?	/				
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?	/				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/				Temp (°C): 2.8 — Thermometer ID: IR-1
Samples received at <6 °C w/o freezing?	/				Note: Not required for metals (except Hg soil) analysis.
Ice packs or ice present?	/				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	/				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				/	Note: No cooling process required for metals (except Hg soil) analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				/	
Soil/Sediment:					
Received in airtight container?				/	
Received in methanol?				/	
Methanol covering soil?				/	
D.I. Water - Received within 48 hour HT?				/	
7. Trip Blank present in cooler?				/	
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				/	
Sulfide - >9, no headspace				/	
Cyanide – pH >12				/	
11. pH adjusted? Y / (N) Reagent used:	Reagent Lot#				Samples adjusted:

* Log-In Notes to Exceptions: document any problems with samples or discrepancies.

555847 (RAG)

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp °C Pg 1 of 2

CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

Page 1 of 2
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: SGS North America
Address: 2235 Route 130
Dayton, NJ
732-329-0200

Project #: GCU40202
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCU40202

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
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Analysis Request

	Phoenix Sample ID	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633A EPA 1633A	250ml HDPE Plastic As Is	500ml HDPE Plastic As Is
	2SB-01 SURF	SOIL	10/1/2025	10:10 AM	x	1	
	2SB-01 5-7.5	SOIL	10/1/2025	10:55 AM	x	1	
	2SB-01 7.5-10	SOIL	10/1/2025	11:00 AM	x	1	
	2SB-02 SURF	SOIL	10/1/2025	9:10 AM	x	1	
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	2SB-03 10-12.5	SOIL	10/1/2025	11:35 AM	x	1	
	2SB-03 12.5-15	SOIL	10/1/2025	11:35 AM	x	1	
	2SB-04 SURF	SOIL	10/1/2025	3:30 PM	x	1	
	2SB-04 0-5	SOIL	10/1/2025	2:55 PM	x	1	

Relinquished by:	Accepted by:	Date:	Time:
Lori Bailey	B Ogle	10-3-25	12:17
B.C	FedEx	10-3-25	
	Richard H	10-4-25	1015

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☒ NY ASP B

What State were samples collected?
NY

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:

SGS Service Center
Northborough, MA
10-3-25
SGS Courier
#03656

SS5847

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp °C Pg 2 of 2

CHAIN OF CUSTODY RECORD

Page 2 of 2

PHOENIX Environmental Laboratories, Inc.
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Quote# :

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	2SB-06 SURF	SOIL	10/1/2025	11:55 AM	x	1	
	2SB-06 0-2.5	SOIL	10/1/2025	12:30 PM	x	1	
	2SB-06 7.5-10	SOIL	10/1/2025	12:38 PM	x	1	
	DUP-20251001	SOIL	10/1/2025		x	1	
	FB-20251001	WTR	10/1/2025	8:45 AM	x		2
	EB-20251001	WTR	10/1/2025	8:35 AM	x		2

Relinquished by:	Accepted by:	Date:	Time:
Lori Bailey	Fedex	10-3-25	12:17
Fedex	Fedex	10-3-25	
	Richard St	10-4-25	10:15

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☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☒ NY ASP B

What State were samples collected?
NY

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:

SGS Service Center Northborough, MA

Login Number: SS5847

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU40202

Primary Report Address:

Helen Geoghegan
Phoenix Environmental Laboratories
587 East Middle Turnpike
PO BOX 370
Manchester, CT 06040

heleng@phoenixlabs.com

Primary Invoice Address:

Bobbi Aloisa
Phoenix Environmental Laboratories, inc
587 East Middle Turnpike
PO Box 370
Manchester,CT 06040

accountspayable@phoenixlabs.com

Report CC Addresses:
Invoice CC Addresses:

Quote/Incoming:

Login Information

ANALYSIS INSTRUCTIONS	:	Not DOD. Report 1633A full list of compounds. Need NYSDP B report w/ NY: 375 Residential. Send level 4 without sample raw data.
CHECK NO.	:	
CLIENT PO#	:	GCU40202
CLIENT PROJECT MANAGE	:	Helen Geoghegan
CONTRACT	:	
COOLER TEMPERATURE	:	2.8
DELIVERY SERVICES	:	Fedex
EDD FORMAT	:	HOHPAKLA Dayton format
ISM INSTRUCTIONS	:	
LOGIN INITIALS	:	RAG
PM	:	HHM
PROJECT NAME	:	GCU40202
QC LEVEL	:	IV
REPORT INSTRUCTIONS	:	Email login & report to HelenG@PhoenixLabs.com. Email invoice to AccountsPayable@PhoenixLabs.com.
SDG ID	:	
SDG STATUS	:	
TEMPLATE	:	
VERBAL TAT	:	

Run Reports: Logindetail

Login Number: SS5847

Quote/Incoming:

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU40202

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-1	2SB-01 SURF	01-OCT-25 10:10	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Service	S	REPORTING			
Solid	S	TS	15-OCT-25		2oz Glass
Service	S	WASTE-DISPOSAL			

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-2	2SB-01 5-7.5	01-OCT-25 10:55	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-3	2SB-01 7.5-10	01-OCT-25 11:00	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-4	2SB-02 SURF	01-OCT-25 09:10	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-5	2SB-02 5-7.5	01-OCT-25 10:10	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-6	2SB-02 7.5-10	01-OCT-25 10:20	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-7	2SB-03 SURF	01-OCT-25 10:55	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-8	2SB-03 10-12.5	01-OCT-25 11:35	04-OCT-25		14-OCT-25		

Sample Comments:

Matrix		Product	Hold Date (shortest)	Notes	Bottle Type
Solid	S	1633	29-OCT-25		4oz HDPE Jar
Solid	S	TS	15-OCT-25		2oz Glass

Run Reports: Logindetail

Login Number: SS5847

Quote/Incoming:

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU40202

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-9	2SB-03 12.5-15	01-OCT-25 11:35	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-10	2SB-04 SURF	01-OCT-25 15:30	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-11	2SB-04 0-5	01-OCT-25 14:55	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-12	2SB-04 10-15	01-OCT-25 14:50	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-13	2SB-05 SURF	01-OCT-25 12:45	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-14	2SB-05 5-7	01-OCT-25 14:30	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-15	2SB-06 SURF	01-OCT-25 11:55	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-16	2SB-06 0-2.5	01-OCT-25 12:30	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-17	2SB-06 7.5-10	01-OCT-25 12:38	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		

Run Reports: Logindetail

Login Number: SS5847

Quote/Incoming:

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU40202

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS5847-18	DUP-20251001	01-OCT-25 00:00	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Solid	S 1633	29-OCT-25			4oz HDPE Jar		
Solid	S TS	15-OCT-25			2oz Glass		
SS5847-19	FB-20251001	01-OCT-25 08:45	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	29-OCT-25			500mL Plastic		
SS5847-20	EB-20251001	01-OCT-25 08:35	04-OCT-25		14-OCT-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	29-OCT-25			500mL Plastic		

Total Samples: 20 ***Total Analyses: 40***

Run Reports: Logindetail

SAMPLE DATA SUMMARY PACKAGE

SGS NORTH AMERICA, INC. - SCARBOROUGH
ORGANIC DATA QUALIFIERS

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

And/or

J Used for Dual Column analytes when there is a greater than 40% difference for detected concentrations between the two GC/HPLC columns.

And/or

J Used for LCS/MS/MS analysis. Per method E1633, if the EIS recovery is <5% but has a S/N ≥ 20:1, the analyte result may have some utility as an estimated value.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

I Indicates that the flagged compound did not meet DoD criteria in the corresponding Initial Calibration (ICAL).

D Indicates that the flagged compound did not meet DoD criteria in the corresponding Initial Calibration Verification (ICV).

C Indicates that the flagged compound did not meet DoD criteria in the corresponding opening Calibration Verification (CV).

V Indicates that the flagged compound did not meet DoD criteria in the corresponding closing Calibration Verification (CV).

L/LL Indicates that the flagged compound did not meet criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M/MM Indicates that the flagged compound did not meet criteria in the Matrix Spike (MS) and/or Matrix Spike Duplicate MSD) prepared and/or analyzed concurrently with the native sample.

H Indicates the flagged compound was detected on the primary column but was not detected on the confirmation column therefore the compound is not reported as a positive detection. (SW846 8330A/B only)

SGS North America, Inc. -Scarborough
Cross-Reference of PFA Analytes

Analyte Name	Abbreviation	CAS Number
Perfluoroalkyl carboxylic acids		
Perfluorobutanoic acid	PFBA	375-22-4
Perfluoropentanoic acid	PFPeA	2706-90-3
Perfluorohexanoic acid	PFHxA	307-24-4
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorononanoic acid	PFNA	375-95-1
Perfluorodecanoic acid	PFDA	335-76-2
Perfluoroundecanoic acid	PFUnA	2058-94-8
Perfluorododecanoic acid	PFDoA	307-55-1
Perfluorotridecanoic acid	PFTrDA	72629-94-8
Perfluorotetradecanoic acid	PFTeDA	376-06-7
Perfluoroalkyl sulfonic acids, Acid Form		
Perfluorobutanesulfonic acid	PFBS	375-73-5
Perfluoropentansulfonic acid	PFPeS	2706-91-4
Perfluorohexanesulfonic acid	PFHxS	355-46-4
Perfluoroheptanesulfonic acid	PFHpS	375-92-8
Perfluorooctanesulfonic acid	PFOS	1763-23-1
Perfluorononanesulfonic acid	PFNS	68259-12-1
Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluorododecanesulfonic acid	PFDoS	79780-39-5
Fluorotelomer sulfonic acids		
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	4:2FTS	757124-72-4
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	6:2FTS	27619-97-2
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	8:2FTS	39108-34-4
Perfluorooctane sulfonamides		
Perfluorooctanesulfonamide	PFOSA	754-91-6
N-methyl perfluorooctanesulfonamide	NMeFOSA	31506-32-8
N-ethyl perfluorooctanesulfonamide	NEtFOSA	4151-50-2
Perfluorooctane sulfonamidoacetic acids		
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2355-31-9
N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2991-50-6
Perfluorooctane sulfonamide ethanols		
N-methyl perfluorooctanesulfonamidoethanol	NMeFOSE	24448-09-7
N-ethyl perfluorooctanesulfonamidoethanol	NEtFOSE	1691-99-2
Per- and Polyfluoroether carboxylic acids		
Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6
4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
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
Ether sulfonic acids		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS	756426-58-1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9
Perfluoro(2-ethoxyethane)sulfonic acid	PFEESA	113507-82-7
Fluorotelomer carboxylic acids		
3-Perfluoropropyl propanoic acid	3:3FTCA	356-02-5
2H,2H,3H,3H-Perfluorooctanoic acid	5:3FTCA	914637-49-3
3-Perfluoroheptyl propanoic acid	7:3FTCA	812-70-4

SGS NORTH AMERICA, INC. - SCARBOROUGH
INORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U — Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client. Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

E — Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J — Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

I-7 — The laboratory's Practical Quantitation Level (PQL) or LOQ could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.

A-4 — Please refer to cover letter or narrative for further information.

H_ — Please note that the regulatory holding time for _____ is "analyze immediately". Ideally, this analysis must be performed in the field at the time of sample collection. _____ for this sample was not performed at the time of sample collection. The analysis was performed as soon as possible after receipt by the laboratory.
H1 - pH H2 - DO H3 - sulfite H4 - residual chlorine

T1 — The client did not provide the full volume of at least one liter for analysis of TSS. Therefore, the PQL of 2.5 mg/L could not be achieved.

T2 — The client provided the required volume of at least one liter for analysis of TSS, but the laboratory could not filter the full one liter volume due to the sample matrix. Therefore, the PQL of 2.5 mg/L could not be achieved.

M1 — The matrix spike and/or matrix spike duplicate recovery performed on this sample was outside of the laboratory acceptance criteria. Sample matrix is suspected. The laboratory criteria was met for the Laboratory Control Sample (LCS) analyzed concurrently with this sample.

M2 — The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory acceptance criteria. The native sample concentration is greater than four times the spike added concentration so the spike added could not be distinguished from the native sample concentration.

R1 — The relative percent difference (RPD) between the duplicate analyses performed on this sample was outside of the laboratory acceptance criteria (when both values are greater than ten times the PQL).

MCL	Maximum Contaminant Level	NL	No limit	NOD	No Odor Detected
NFL	No Free Liquid Present	FLP	Free Liquid Present	TON	Threshold Odor Number

D-1 — As required by Method 5210B, APHA Standard Methods for the Examination of Water and Wastewater (21st edition), the BOD value reported for this sample is 'qualified' because the check standard run concurrently with the sample analysis did not meet the criteria specified in the method (198 +/- 30.5 mg/L). These results may not be reportable for compliance purposes.

D-2 — The measured final dissolved oxygen concentrations of all dilutions were less than the method-specified limit of 1 mg/L. The reported BOD result was calculated assuming a final oxygen concentration equal to 1 mg/L. The reported value should be considered a minimum value.

D-3 — The dilution water used to prepare this sample did not meet the method and/or regulatory criteria of less than 0.2 mg/L dissolved oxygen (DO) uptake over the five day period of incubation. These results may not be reportable for compliance purposes.

D-4 — The dilution water used to prepare this sample did not meet the method and/or regulatory criteria of less than 0.4 mg/L dissolved oxygen (DO) uptake over the five day period of incubation. These results may not be reportable for compliance purposes.

D-5 — The seed control factor did not meet the method criteria of greater than 2.0 mg/L of dissolved oxygen (DO) uptake over the five day period of incubation. The dilution closest to meeting the criteria was used to estimate the seed control factor.

X1 — The weight difference between dry weights after measuring a third dry weight is greater than 0.001 g. [TS-AQ, TSS, TDS]

X2 — The weight difference between dry weights after measuring a third dry weight is greater than 0.05 g. [TS-ME]

Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-1
Client ID: 2SB-01 SURF
Matrix: SL
Lab File ID: 2LC04251

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 88.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.599	ng/g	1	.8	0.599	0.173
3:3FTCA	U	0.749	ng/g	1	1	0.749	0.279
4:2 FTS	U	0.599	ng/g	1	.8	0.599	0.216
5:3FTCA	U	3.75	ng/g	1	5	3.75	0.659
6:2 FTS	U	0.599	ng/g	1	.8	0.599	0.0906
7:3FTCA	U	3.75	ng/g	1	5	3.75	0.540
8:2 FTS	U	0.599	ng/g	1	.8	0.599	0.176
9Cl-PF3ONS	U	0.599	ng/g	1	.8	0.599	0.162
ADONA	U	0.599	ng/g	1	.8	0.599	0.113
GenX (HFPO-DA)	U	0.599	ng/g	1	.8	0.599	0.136
NEtFOSA	U	0.150	ng/g	1	.2	0.150	0.0502
NEtFOSAA	U	0.150	ng/g	1	.2	0.150	0.0450
NEtFOSE	U	1.50	ng/g	1	2	1.50	0.518
NFDHA	U	0.300	ng/g	1	.4	0.300	0.0404
NMeFOSA	U	0.150	ng/g	1	.2	0.150	0.0524
NMeFOSAA	U	0.150	ng/g	1	.2	0.150	0.0509
NMeFOSE	U	1.50	ng/g	1	2	1.50	0.528
PFBA	J	0.126	ng/g	1	.8	0.599	0.123
PFBS	U	0.150	ng/g	1	.2	0.150	0.0382
PFDA	J	0.0572	ng/g	1	.2	0.150	0.0390
PFDoA	U	0.150	ng/g	1	.2	0.150	0.0682
PFDoS	U	0.150	ng/g	1	.2	0.150	0.0472
PFDS	U	0.150	ng/g	1	.2	0.150	0.0345
PFEESA	U	0.300	ng/g	1	.4	0.300	0.0584
PFHpA	J	0.122	ng/g	1	.2	0.150	0.0300
PFHpS	U	0.150	ng/g	1	.2	0.150	0.0412
PFHxA	J	0.144	ng/g	1	.2	0.150	0.0345
Total PFHxS	U	0.150	ng/g	1	.2	0.150	0.00524
PFMBA	U	0.300	ng/g	1	.4	0.300	0.0614
PFMPA	U	0.300	ng/g	1	.4	0.300	0.0884
Total PFNA	J	0.0870	ng/g	1	.2	0.150	0.0105
PFNS	U	0.150	ng/g	1	.2	0.150	0.0397
Total PFOA		0.629	ng/g	1	.2	0.150	0.0210
PFOS		0.502	ng/g	1	.2	0.150	0.0442
PFOSA	U	0.150	ng/g	1	.2	0.150	0.0240

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
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http://www.katahdinlab.com

Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-1
Client ID: 2SB-01 SURF
Matrix: SL
Lab File ID: 2LC04251

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 88.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.210	ng/g	1	.4	0.300	0.0629
PFPeS	U	0.150	ng/g	1	.2	0.150	0.0277
PFTeDA	U	0.150	ng/g	1	.2	0.150	0.0697
PFTrDA	U	0.150	ng/g	1	.2	0.150	0.0404
PFUnA	J	0.0400	ng/g	1	.2	0.150	0.0285
M-4:2 FTS-13C2		86.3	%				
M-6:2 FTS-13C2		86.6	%				
M-8:2 FTS-13C2		87.1	%				
M-GenX-13C3 (HFPO-DA)		71.0	%				
M-NEtFOSAA-D5		108.	%				
M-NEtFOSA-D5		60.9	%				
M-NEtFOSE-D9		63.1	%				
M-NMeFOSAA-D3		52.5	%				
M-NMeFOSA-D3		69.1	%				
M-NMeFOSE-D7		62.7	%				
M-PFBA-13C4		98.6	%				
M-PFBS-13C3		74.3	%				
M-PFDA-13C6		87.3	%				
M-PFDoA-13C2		87.8	%				
M-PFHpA-13C4		77.9	%				
M-PFHxA-13C5		80.0	%				
M-PFHxS-13C3		79.7	%				
M-PFNA-13C9		82.1	%				
M-PFOA-13C8		83.2	%				
M-PFOS-13C8		81.3	%				
M-PFOSA-13C8		79.9	%				
M-PFPeA-13C5		78.5	%				
M-PFTeDA-13C2		79.4	%				
M-PFUnA-13C7		89.6	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-1
Client ID: 2SB-01 SURF
Lab File ID: 2LC04251

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	5	10		-	-
PFDA		106	3	3.472	1.707-5.12	1.762-5.28
PFHpA		267	3	2.084	1.042-3.12	1.037-3.11
PFHxA		221	3	8.935	4.616-13.8	4.534-13.6
PFNA		201	3	3.048	1.514-4.54	1.505-4.51
PFOA		284	3	1.595	.804-2.411	.78-2.34
PFOS		474	3	1.819	.878-2.634	.849-2.546
PFPeA		207	10		-	-
PFUnA		66	3	4.859	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RA
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04376

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.743	ng/g	1	.8	0.743	0.215
3:3FTCA	U	0.929	ng/g	1	1	0.929	0.346
4:2 FTS	U	0.743	ng/g	1	.8	0.743	0.268
5:3FTCA	U	4.65	ng/g	1	5	4.65	0.818
6:2 FTS	U	0.743	ng/g	1	.8	0.743	0.112
7:3FTCA	U	4.65	ng/g	1	5	4.65	0.670
8:2 FTS	U	0.743	ng/g	1	.8	0.743	0.218
9Cl-PF3ONS	U	0.743	ng/g	1	.8	0.743	0.201
ADONA	U	0.743	ng/g	1	.8	0.743	0.140
GenX (HFPO-DA)	U	0.743	ng/g	1	.8	0.743	0.169
NEtFOSA	U	0.186	ng/g	1	.2	0.186	0.0622
NEtFOSAA	U	0.186	ng/g	1	.2	0.186	0.0558
NEtFOSE	U	1.86	ng/g	1	2	1.86	0.643
NFDHA	U	0.372	ng/g	1	.4	0.372	0.0502
NMeFOSA	U	0.186	ng/g	1	.2	0.186	0.0650
NMeFOSAA	U	0.186	ng/g	1	.2	0.186	0.0632
NMeFOSE	U	1.86	ng/g	1	2	1.86	0.655
PFBA	U	0.743	ng/g	1	.8	0.743	0.152
PFBS	U	0.186	ng/g	1	.2	0.186	0.0474
PFDA	U	0.186	ng/g	1	.2	0.186	0.0483
PFDoA	U	0.186	ng/g	1	.2	0.186	0.0846
PFDoS	U	0.186	ng/g	1	.2	0.186	0.0585
PFDS	U	0.186	ng/g	1	.2	0.186	0.0427
PFEESA	U	0.372	ng/g	1	.4	0.372	0.0725
PFHpA	J	0.0510	ng/g	1	.2	0.186	0.0372
PFHpS	U	0.186	ng/g	1	.2	0.186	0.0511
PFHxA	J	0.111	ng/g	1	.2	0.186	0.0427
Total PFHxS	U	0.186	ng/g	1	.2	0.186	0.00650
PFMBA	U	0.372	ng/g	1	.4	0.372	0.0762
PFMPA	U	0.372	ng/g	1	.4	0.372	0.110
Total PFNA	U	0.186	ng/g	1	.2	0.186	0.0130
PFNS	U	0.186	ng/g	1	.2	0.186	0.0492
Total PFOA	J	0.128	ng/g	1	.2	0.186	0.0260
PFOS		0.368	ng/g	1	.2	0.186	0.0548
PFOSA	U	0.186	ng/g	1	.2	0.186	0.0297

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RA
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04376

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.113	ng/g	1	.4	0.372	0.0780
PFPeS	U	0.186	ng/g	1	.2	0.186	0.0344
PFTeDA	U	0.186	ng/g	1	.2	0.186	0.0864
PFTrDA	U	0.186	ng/g	1	.2	0.186	0.0502
PFUnA	U	0.186	ng/g	1	.2	0.186	0.0353
M-4:2 FTS-13C2		61.6	%				
M-6:2 FTS-13C2		63.5	%				
M-8:2 FTS-13C2		57.0	%				
M-GenX-13C3 (HFPO-DA)		66.1	%				
M-NEtFOSAA-D5	*	33.9	%				
M-NEtFOSA-D5		48.8	%				
M-NEtFOSE-D9		61.6	%				
M-NMeFOSAA-D3	*	29.2	%				
M-NMeFOSA-D3		54.8	%				
M-NMeFOSE-D7		61.0	%				
M-PFBA-13C4		101.	%				
M-PFBS-13C3		68.4	%				
M-PFDA-13C6		63.0	%				
M-PFDoA-13C2		56.8	%				
M-PFHpA-13C4		63.8	%				
M-PFHxA-13C5		60.8	%				
M-PFHxS-13C3		66.0	%				
M-PFNA-13C9		63.2	%				
M-PFOA-13C8		62.0	%				
M-PFOS-13C8		66.9	%				
M-PFOSA-13C8		58.9	%				
M-PFPeA-13C5		65.0	%				
M-PFTeDA-13C2		52.3	%				
M-PFUnA-13C7		66.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-2RA
Client ID: 2SB-01 5-7.5
Lab File ID: 2LC04376

ICAL Midpoint: WG377859-4
ICAL MP File ID: 2LC04324
Opening CV: WG377859-23
Opening CV File ID: 2LC04368

Analysis Date: 11-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		139	3	2.061	1.046-3.13	1.036-3.10
PFHxA		111	3	9.079	4.39-13.16	4.306-12.9
PFOA		58	3	1.569	.787-2.361	.775-2.324
PFOS	CI	217	3	2.908	.879-2.636	.882-2.645
PFPeA		59	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RE
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04394

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.759	ng/g	1	.8	0.759	0.219
3:3FTCA	U	0.949	ng/g	1	1	0.949	0.353
4:2 FTS	U	0.759	ng/g	1	.8	0.759	0.273
5:3FTCA	U	4.74	ng/g	1	5	4.74	0.835
6:2 FTS	U	0.759	ng/g	1	.8	0.759	0.115
7:3FTCA	U	4.74	ng/g	1	5	4.74	0.684
8:2 FTS	U	0.759	ng/g	1	.8	0.759	0.223
9Cl-PF3ONS	U	0.759	ng/g	1	.8	0.759	0.205
ADONA	U	0.759	ng/g	1	.8	0.759	0.143
GenX (HFPO-DA)	U	0.759	ng/g	1	.8	0.759	0.173
NEtFOSA	U	0.190	ng/g	1	.2	0.190	0.0636
NEtFOSAA	U	0.190	ng/g	1	.2	0.190	0.0569
NEtFOSE	U	1.90	ng/g	1	2	1.90	0.657
NFDHA	U	0.380	ng/g	1	.4	0.380	0.0512
NMeFOSA	U	0.190	ng/g	1	.2	0.190	0.0664
NMeFOSAA	U	0.190	ng/g	1	.2	0.190	0.0645
NMeFOSE	U	1.90	ng/g	1	2	1.90	0.669
PFBA	U	0.759	ng/g	1	.8	0.759	0.156
PFBS	U	0.190	ng/g	1	.2	0.190	0.0484
PFDA	U	0.190	ng/g	1	.2	0.190	0.0494
PFDoA	U	0.190	ng/g	1	.2	0.190	0.0864
PFDoS	U	0.190	ng/g	1	.2	0.190	0.0598
PFDS	U	0.190	ng/g	1	.2	0.190	0.0436
PFEESA	U	0.380	ng/g	1	.4	0.380	0.0740
PFHpA	J	0.0665	ng/g	1	.2	0.190	0.0380
PFHpS	U	0.190	ng/g	1	.2	0.190	0.0522
PFHxA	J	0.130	ng/g	1	.2	0.190	0.0436
Total PFHxS	U	0.190	ng/g	1	.2	0.190	0.00664
PFMBA	U	0.380	ng/g	1	.4	0.380	0.0778
PFMPA	U	0.380	ng/g	1	.4	0.380	0.112
Total PFNA	U	0.190	ng/g	1	.2	0.190	0.0133
PFNS	U	0.190	ng/g	1	.2	0.190	0.0503
Total PFOA	J	0.163	ng/g	1	.2	0.190	0.0266
PFOS		0.448	ng/g	1	.2	0.190	0.0560
PFOSA	U	0.190	ng/g	1	.2	0.190	0.0304

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RE
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04394

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.103	ng/g	1	.4	0.380	0.0797
PFPeS	U	0.190	ng/g	1	.2	0.190	0.0351
PFTeDA	U	0.190	ng/g	1	.2	0.190	0.0883
PFTrDA	U	0.190	ng/g	1	.2	0.190	0.0512
PFUnA	U	0.190	ng/g	1	.2	0.190	0.0361
M-4:2 FTS-13C2		65.4	%				
M-6:2 FTS-13C2		65.9	%				
M-8:2 FTS-13C2		61.8	%				
M-GenX-13C3 (HFPO-DA)		86.4	%				
M-NEtFOSAA-D5	*	33.2	%				
M-NEtFOSA-D5		45.7	%				
M-NEtFOSE-D9		71.3	%				
M-NMeFOSAA-D3	*	27.3	%				
M-NMeFOSA-D3		52.7	%				
M-NMeFOSE-D7		64.9	%				
M-PFBA-13C4		107.	%				
M-PFBS-13C3		66.6	%				
M-PFDA-13C6		63.9	%				
M-PFDoA-13C2		55.8	%				
M-PFHpA-13C4		67.6	%				
M-PFHxA-13C5		59.5	%				
M-PFHxS-13C3		71.0	%				
M-PFNA-13C9		69.8	%				
M-PFOA-13C8		66.5	%				
M-PFOS-13C8		76.6	%				
M-PFOSA-13C8		67.1	%				
M-PFPeA-13C5		73.0	%				
M-PFTeDA-13C2		49.7	%				
M-PFUnA-13C7		64.6	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-2RE
Client ID: 2SB-01 5-7.5
Lab File ID: 2LC04394

ICAL Midpoint: WG377859-4
ICAL MP File ID: 2LC04324
Opening CV: WG377859-23
Opening CV File ID: 2LC04368

Analysis Date: 11-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		117	3	2.079	1.046-3.13	1.036-3.10
PFHxA		43	3	9.195	4.39-13.16	4.306-12.9
PFOA		62	3	1.47	.787-2.361	.775-2.324
PFOS	CI	203	3	2.962	.879-2.636	.882-2.645
PFPeA		82	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-3
Client ID: 2SB-01 7.5-10
Matrix: SL
Lab File ID: 2LC04253

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.525	ng/g	1	.8	0.525	0.152
3:3FTCA	U	0.656	ng/g	1	1	0.656	0.244
4:2 FTS	U	0.525	ng/g	1	.8	0.525	0.189
5:3FTCA	U	3.28	ng/g	1	5	3.28	0.577
6:2 FTS	U	0.525	ng/g	1	.8	0.525	0.0794
7:3FTCA	U	3.28	ng/g	1	5	3.28	0.473
8:2 FTS	U	0.525	ng/g	1	.8	0.525	0.154
9Cl-PF3ONS	U	0.525	ng/g	1	.8	0.525	0.142
ADONA	U	0.525	ng/g	1	.8	0.525	0.0991
GenX (HFPO-DA)	U	0.525	ng/g	1	.8	0.525	0.119
NEtFOSA	U	0.131	ng/g	1	.2	0.131	0.0440
NEtFOSAA	U	0.131	ng/g	1	.2	0.131	0.0394
NEtFOSE	U	1.31	ng/g	1	2	1.31	0.454
NFDHA	U	0.262	ng/g	1	.4	0.262	0.0354
NMeFOSA	U	0.131	ng/g	1	.2	0.131	0.0459
NMeFOSAA	U	0.131	ng/g	1	.2	0.131	0.0446
NMeFOSE	U	1.31	ng/g	1	2	1.31	0.462
PFBA	U	0.525	ng/g	1	.8	0.525	0.108
PFBS	U	0.131	ng/g	1	.2	0.131	0.0334
PFDA	U	0.131	ng/g	1	.2	0.131	0.0341
PFDoA	U	0.131	ng/g	1	.2	0.131	0.0597
PFDoS	U	0.131	ng/g	1	.2	0.131	0.0413
PFDS	U	0.131	ng/g	1	.2	0.131	0.0302
PFEESA	U	0.262	ng/g	1	.4	0.262	0.0512
PFHpA	J	0.112	ng/g	1	.2	0.131	0.0262
PFHpS	U	0.131	ng/g	1	.2	0.131	0.0361
PFHxA	J	0.0957	ng/g	1	.2	0.131	0.0302
Total PFHxS	U	0.131	ng/g	1	.2	0.131	0.00459
PFMBA	U	0.262	ng/g	1	.4	0.262	0.0538
PFMPA	U	0.262	ng/g	1	.4	0.262	0.0774
Total PFNA	U	0.131	ng/g	1	.2	0.131	0.00918
PFNS	U	0.131	ng/g	1	.2	0.131	0.0348
Total PFOA		0.227	ng/g	1	.2	0.131	0.0184
PFOS		0.532	ng/g	1	.2	0.131	0.0387
PFOSA	U	0.131	ng/g	1	.2	0.131	0.0210

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-3
Client ID: 2SB-01 7.5-10
Matrix: SL
Lab File ID: 2LC04253

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.0694	ng/g	1	.4	0.262	0.0551
PFPeS	U	0.131	ng/g	1	.2	0.131	0.0243
PFTeDA	U	0.131	ng/g	1	.2	0.131	0.0610
PFTrDA	U	0.131	ng/g	1	.2	0.131	0.0354
PFUnA	U	0.131	ng/g	1	.2	0.131	0.0249
M-4:2 FTS-13C2		84.0	%				
M-6:2 FTS-13C2		80.2	%				
M-8:2 FTS-13C2		79.4	%				
M-GenX-13C3 (HFPO-DA)		77.5	%				
M-NEtFOSAA-D5		83.8	%				
M-NEtFOSA-D5		51.6	%				
M-NEtFOSE-D9		55.4	%				
M-NMeFOSAA-D3		43.3	%				
M-NMeFOSA-D3		59.7	%				
M-NMeFOSE-D7		59.2	%				
M-PFBA-13C4		98.5	%				
M-PFBS-13C3		79.8	%				
M-PFDA-13C6		79.1	%				
M-PFDoA-13C2		71.0	%				
M-PFHpA-13C4		73.0	%				
M-PFHxA-13C5		77.0	%				
M-PFHxS-13C3		79.9	%				
M-PFNA-13C9		78.7	%				
M-PFOA-13C8		79.7	%				
M-PFOS-13C8		76.4	%				
M-PFOSA-13C8		77.5	%				
M-PFPeA-13C5		82.2	%				
M-PFTeDA-13C2		63.0	%				
M-PFUnA-13C7		76.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-3
Client ID: 2SB-01 7.5-10
Lab File ID: 2LC04253

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		256	3	2.057	1.042-3.12	1.037-3.11
PFHxA		88	3	9.709	4.616-13.8	4.534-13.6
PFOA		219	3	1.598	.804-2.411	.78-2.34
PFOS	CI	418	3	2.813	.878-2.634	.849-2.546
PFPeA		68	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-4
Client ID: 2SB-02 SURF
Matrix: SL
Lab File ID: 2LC04254

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.666	ng/g	1	.8	0.666	0.192
3:3FTCA	U	0.833	ng/g	1	1	0.833	0.310
4:2 FTS	U	0.666	ng/g	1	.8	0.666	0.240
5:3FTCA	U	4.16	ng/g	1	5	4.16	0.733
6:2 FTS	U	0.666	ng/g	1	.8	0.666	0.101
7:3FTCA	U	4.16	ng/g	1	5	4.16	0.600
8:2 FTS	U	0.666	ng/g	1	.8	0.666	0.196
9Cl-PF3ONS	U	0.666	ng/g	1	.8	0.666	0.180
ADONA	U	0.666	ng/g	1	.8	0.666	0.126
GenX (HFPO-DA)	U	0.666	ng/g	1	.8	0.666	0.152
NEtFOSA	U	0.166	ng/g	1	.2	0.166	0.0558
NEtFOSAA	U	0.166	ng/g	1	.2	0.166	0.0500
NEtFOSE	U	1.66	ng/g	1	2	1.66	0.576
NFDHA	U	0.333	ng/g	1	.4	0.333	0.0450
NMeFOSA	U	0.166	ng/g	1	.2	0.166	0.0583
NMeFOSAA	U	0.166	ng/g	1	.2	0.166	0.0566
NMeFOSE	U	1.66	ng/g	1	2	1.66	0.587
PFBA	J	0.223	ng/g	1	.8	0.666	0.136
PFBS	U	0.166	ng/g	1	.2	0.166	0.0425
PFDA		0.211	ng/g	1	.2	0.166	0.0433
PFDoA	J	0.101	ng/g	1	.2	0.166	0.0758
PFDoS	U	0.166	ng/g	1	.2	0.166	0.0524
PFDS	U	0.166	ng/g	1	.2	0.166	0.0383
PFEESA	U	0.333	ng/g	1	.4	0.333	0.0649
PFHpA	J	0.136	ng/g	1	.2	0.166	0.0333
PFHpS	U	0.166	ng/g	1	.2	0.166	0.0458
PFHxA	J	0.154	ng/g	1	.2	0.166	0.0383
Total PFHxS	U	0.166	ng/g	1	.2	0.166	0.00583
PFMBA	U	0.333	ng/g	1	.4	0.333	0.0683
PFMPA	U	0.333	ng/g	1	.4	0.333	0.0982
Total PFNA		0.226	ng/g	1	.2	0.166	0.0116
PFNS	U	0.166	ng/g	1	.2	0.166	0.0441
Total PFOA		0.370	ng/g	1	.2	0.166	0.0233
PFOS		1.68	ng/g	1	.2	0.166	0.0491
PFOSA	U	0.166	ng/g	1	.2	0.166	0.0266

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-4
Client ID: 2SB-02 SURF
Matrix: SL
Lab File ID: 2LC04254

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.258	ng/g	1	.4	0.333	0.0699
PFPeS	U	0.166	ng/g	1	.2	0.166	0.0308
PFTeDA	U	0.166	ng/g	1	.2	0.166	0.0774
PFTrDA	J	0.0700	ng/g	1	.2	0.166	0.0450
PFUnA	J	0.151	ng/g	1	.2	0.166	0.0316
M-4:2 FTS-13C2		106.	%				
M-6:2 FTS-13C2		97.7	%				
M-8:2 FTS-13C2		160.	%				
M-GenX-13C3 (HFPO-DA)		77.4	%				
M-NEtFOSAA-D5		140.	%				
M-NEtFOSA-D5		59.4	%				
M-NEtFOSE-D9		66.0	%				
M-NMeFOSAA-D3		74.6	%				
M-NMeFOSA-D3		64.2	%				
M-NMeFOSE-D7		70.1	%				
M-PFBA-13C4		99.0	%				
M-PFBS-13C3		98.0	%				
M-PFDA-13C6		94.5	%				
M-PFDoA-13C2		103.	%				
M-PFHpA-13C4		85.7	%				
M-PFHxA-13C5		90.7	%				
M-PFHxS-13C3		93.4	%				
M-PFNA-13C9		96.4	%				
M-PFOA-13C8		93.0	%				
M-PFOS-13C8		93.3	%				
M-PFOSA-13C8		91.1	%				
M-PFPeA-13C5		93.2	%				
M-PFTeDA-13C2		108.	%				
M-PFUnA-13C7		102.	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-4
Client ID: 2SB-02 SURF
Lab File ID: 2LC04254

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	9	10		-	-
PFDA		314	3	3.542	1.707-5.12	1.762-5.28
PFDoA		214	3	3.642	1.819-5.45	1.739-5.21
PFHpA		644	3	2.122	1.042-3.12	1.037-3.11
PFHxA		43	3	8.889	4.616-13.8	4.534-13.6
PFNA		142	3	2.894	1.514-4.54	1.505-4.51
PFOA		235	3	1.621	.804-2.411	.78-2.34
PFOS		449	3	1.472	.878-2.634	.849-2.546
PFPeA		111	10		-	-
PFTrDA		236	3	2.614	1.242-3.72	1.238-3.71
PFUnA		222	3	3.89	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-5
Client ID: 2SB-02 5-7.5
Matrix: SL
Lab File ID: 2LC04255

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 90.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.540	ng/g	1	.8	0.540	0.156
3:3FTCA	U	0.675	ng/g	1	1	0.675	0.251
4:2 FTS	U	0.540	ng/g	1	.8	0.540	0.194
5:3FTCA	U	3.37	ng/g	1	5	3.37	0.594
6:2 FTS	U	0.540	ng/g	1	.8	0.540	0.0816
7:3FTCA	U	3.37	ng/g	1	5	3.37	0.486
8:2 FTS	U	0.540	ng/g	1	.8	0.540	0.158
9Cl-PF3ONS	U	0.540	ng/g	1	.8	0.540	0.146
ADONA	U	0.540	ng/g	1	.8	0.540	0.102
GenX (HFPO-DA)	U	0.540	ng/g	1	.8	0.540	0.123
NEtFOSA	U	0.135	ng/g	1	.2	0.135	0.0452
NEtFOSAA	U	0.135	ng/g	1	.2	0.135	0.0405
NEtFOSE	U	1.35	ng/g	1	2	1.35	0.467
NFDHA	U	0.270	ng/g	1	.4	0.270	0.0364
NMeFOSA	U	0.135	ng/g	1	.2	0.135	0.0472
NMeFOSAA	U	0.135	ng/g	1	.2	0.135	0.0459
NMeFOSE	U	1.35	ng/g	1	2	1.35	0.476
PFBA	U	0.540	ng/g	1	.8	0.540	0.111
PFBS	U	0.135	ng/g	1	.2	0.135	0.0344
PFDA	J	0.0356	ng/g	1	.2	0.135	0.0351
PFDoA	U	0.135	ng/g	1	.2	0.135	0.0614
PFDoS	U	0.135	ng/g	1	.2	0.135	0.0425
PFDS	U	0.135	ng/g	1	.2	0.135	0.0310
PFEESA	U	0.270	ng/g	1	.4	0.270	0.0526
PFHpA	J	0.0316	ng/g	1	.2	0.135	0.0270
PFHpS	U	0.135	ng/g	1	.2	0.135	0.0371
PFHxA	J	0.0437	ng/g	1	.2	0.135	0.0310
Total PFHxS	U	0.135	ng/g	1	.2	0.135	0.00472
PFMBA	U	0.270	ng/g	1	.4	0.270	0.0553
PFMPA	U	0.270	ng/g	1	.4	0.270	0.0796
Total PFNA	J	0.0393	ng/g	1	.2	0.135	0.00944
PFNS	U	0.135	ng/g	1	.2	0.135	0.0358
Total PFOA	J	0.0833	ng/g	1	.2	0.135	0.0189
PFOS		0.388	ng/g	1	.2	0.135	0.0398
PFOSA	U	0.135	ng/g	1	.2	0.135	0.0216

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-5
Client ID: 2SB-02 5-7.5
Matrix: SL
Lab File ID: 2LC04255

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 90.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.0738	ng/g	1	.4	0.270	0.0567
PFPeS	U	0.135	ng/g	1	.2	0.135	0.0250
PFTeDA	U	0.135	ng/g	1	.2	0.135	0.0627
PFTrDA	U	0.135	ng/g	1	.2	0.135	0.0364
PFUnA	J	0.0270	ng/g	1	.2	0.135	0.0256
M-4:2 FTS-13C2		82.4	%				
M-6:2 FTS-13C2		81.4	%				
M-8:2 FTS-13C2		78.6	%				
M-GenX-13C3 (HFPO-DA)		76.8	%				
M-NEtFOSAA-D5		87.2	%				
M-NEtFOSA-D5		54.1	%				
M-NEtFOSE-D9		59.8	%				
M-NMeFOSAA-D3		42.6	%				
M-NMeFOSA-D3		62.6	%				
M-NMeFOSE-D7		60.9	%				
M-PFBA-13C4		98.6	%				
M-PFBS-13C3		85.6	%				
M-PFDA-13C6		83.1	%				
M-PFDoA-13C2		77.9	%				
M-PFHpA-13C4		73.9	%				
M-PFHxA-13C5		77.3	%				
M-PFHxS-13C3		83.1	%				
M-PFNA-13C9		79.5	%				
M-PFOA-13C8		80.9	%				
M-PFOS-13C8		80.1	%				
M-PFOSA-13C8		76.5	%				
M-PFPeA-13C5		80.9	%				
M-PFTeDA-13C2		69.2	%				
M-PFUnA-13C7		82.9	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-5
Client ID: 2SB-02 5-7.5
Lab File ID: 2LC04255

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFDA		146	3	3.397	1.707-5.12	1.762-5.28
PFHpA		125	3	2.114	1.042-3.12	1.037-3.11
PFHxA		61	3	9.171	4.616-13.8	4.534-13.6
PFNA		151	3	3.114	1.514-4.54	1.505-4.51
PFOA		85	3	1.614	.804-2.411	.78-2.34
PFOS		970	3	1.662	.878-2.634	.849-2.546
PFPeA		87	10		-	-
PFUnA		62	3	4.94	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-6
Client ID: 2SB-02 7.5-10
Matrix: SL
Lab File ID: 2LC04256

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 70.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.574	ng/g	1	.8	0.574	0.166
3:3FTCA	U	0.718	ng/g	1	1	0.718	0.267
4:2 FTS	U	0.574	ng/g	1	.8	0.574	0.207
5:3FTCA	U	3.59	ng/g	1	5	3.59	0.632
6:2 FTS	U	0.574	ng/g	1	.8	0.574	0.0869
7:3FTCA	U	3.59	ng/g	1	5	3.59	0.518
8:2 FTS	U	0.574	ng/g	1	.8	0.574	0.169
9Cl-PF3ONS	U	0.574	ng/g	1	.8	0.574	0.155
ADONA	U	0.574	ng/g	1	.8	0.574	0.108
GenX (HFPO-DA)	U	0.574	ng/g	1	.8	0.574	0.131
NEtFOSA	U	0.144	ng/g	1	.2	0.144	0.0481
NEtFOSAA	U	0.144	ng/g	1	.2	0.144	0.0431
NEtFOSE	U	1.44	ng/g	1	2	1.44	0.497
NFDHA	U	0.287	ng/g	1	.4	0.287	0.0388
NMeFOSA	U	0.144	ng/g	1	.2	0.144	0.0502
NMeFOSAA	U	0.144	ng/g	1	.2	0.144	0.0488
NMeFOSE	U	1.44	ng/g	1	2	1.44	0.506
PFBA	U	0.574	ng/g	1	.8	0.574	0.118
PFBS	U	0.144	ng/g	1	.2	0.144	0.0366
PFDA	U	0.144	ng/g	1	.2	0.144	0.0373
PFDoA	U	0.144	ng/g	1	.2	0.144	0.0653
PFDoS	U	0.144	ng/g	1	.2	0.144	0.0452
PFDS	U	0.144	ng/g	1	.2	0.144	0.0330
PFEESA	U	0.287	ng/g	1	.4	0.287	0.0560
PFHpA	U	0.144	ng/g	1	.2	0.144	0.0287
PFHpS	U	0.144	ng/g	1	.2	0.144	0.0395
PFHxA	U	0.144	ng/g	1	.2	0.144	0.0330
Total PFHxS	U	0.144	ng/g	1	.2	0.144	0.00502
PFMBA	U	0.287	ng/g	1	.4	0.287	0.0589
PFMPA	U	0.287	ng/g	1	.4	0.287	0.0847
Total PFNA	U	0.144	ng/g	1	.2	0.144	0.0100
PFNS	U	0.144	ng/g	1	.2	0.144	0.0380
Total PFOA	J	0.0344	ng/g	1	.2	0.144	0.0201
PFOS	U	0.144	ng/g	1	.2	0.144	0.0424
PFOSA	U	0.144	ng/g	1	.2	0.144	0.0230

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-6
Client ID: 2SB-02 7.5-10
Matrix: SL
Lab File ID: 2LC04256

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 70.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.287	ng/g	1	.4	0.287	0.0603
PFPeS	U	0.144	ng/g	1	.2	0.144	0.0266
PFTeDA	U	0.144	ng/g	1	.2	0.144	0.0668
PFTrDA	U	0.144	ng/g	1	.2	0.144	0.0388
PFUnA	U	0.144	ng/g	1	.2	0.144	0.0273
M-4:2 FTS-13C2		82.5	%				
M-6:2 FTS-13C2		82.6	%				
M-8:2 FTS-13C2		76.8	%				
M-GenX-13C3 (HFPO-DA)		69.8	%				
M-NEtFOSAA-D5		87.8	%				
M-NEtFOSA-D5		47.3	%				
M-NEtFOSE-D9		52.2	%				
M-NMeFOSAA-D3		45.5	%				
M-NMeFOSA-D3		57.1	%				
M-NMeFOSE-D7		58.1	%				
M-PFBA-13C4		98.6	%				
M-PFBS-13C3		77.4	%				
M-PFDA-13C6		80.2	%				
M-PFDoA-13C2		74.9	%				
M-PFHpA-13C4		72.2	%				
M-PFHxA-13C5		76.0	%				
M-PFHxS-13C3		77.2	%				
M-PFNA-13C9		78.8	%				
M-PFOA-13C8		77.5	%				
M-PFOS-13C8		77.7	%				
M-PFOSA-13C8		73.7	%				
M-PFPeA-13C5		78.7	%				
M-PFTeDA-13C2		72.8	%				
M-PFUnA-13C7		81.5	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-6
Client ID: 2SB-02 7.5-10
Lab File ID: 2LC04256

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFOA		33	3	1.618	.804-2.411	.78-2.34

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-7
Client ID: 2SB-03 SURF
Matrix: SL
Lab File ID: 2LC04257

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 84.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.665	ng/g	1	.8	0.665	0.192
3:3FTCA	U	0.831	ng/g	1	1	0.831	0.309
4:2 FTS	U	0.665	ng/g	1	.8	0.665	0.239
5:3FTCA	U	4.16	ng/g	1	5	4.16	0.731
6:2 FTS	U	0.665	ng/g	1	.8	0.665	0.100
7:3FTCA	U	4.16	ng/g	1	5	4.16	0.599
8:2 FTS	U	0.665	ng/g	1	.8	0.665	0.195
9Cl-PF3ONS	U	0.665	ng/g	1	.8	0.665	0.180
ADONA	U	0.665	ng/g	1	.8	0.665	0.125
GenX (HFPO-DA)	U	0.665	ng/g	1	.8	0.665	0.151
NEtFOSA	U	0.166	ng/g	1	.2	0.166	0.0557
NEtFOSAA	U	0.166	ng/g	1	.2	0.166	0.0499
NEtFOSE	U	1.66	ng/g	1	2	1.66	0.575
NFDHA	U	0.332	ng/g	1	.4	0.332	0.0449
NMeFOSA	U	0.166	ng/g	1	.2	0.166	0.0582
NMeFOSAA	U	0.166	ng/g	1	.2	0.166	0.0565
NMeFOSE	U	1.66	ng/g	1	2	1.66	0.586
PFBA	J	0.245	ng/g	1	.8	0.665	0.136
PFBS	U	0.166	ng/g	1	.2	0.166	0.0424
PFDA	J	0.0679	ng/g	1	.2	0.166	0.0432
PFDoA	U	0.166	ng/g	1	.2	0.166	0.0756
PFDoS	U	0.166	ng/g	1	.2	0.166	0.0524
PFDS	U	0.166	ng/g	1	.2	0.166	0.0382
PFEESA	U	0.332	ng/g	1	.4	0.332	0.0648
PFHpA	J	0.153	ng/g	1	.2	0.166	0.0332
PFHpS	U	0.166	ng/g	1	.2	0.166	0.0457
PFHxA	J	0.133	ng/g	1	.2	0.166	0.0382
Total PFHxS	U	0.166	ng/g	1	.2	0.166	0.00582
PFMBA	U	0.332	ng/g	1	.4	0.332	0.0681
PFMPA	U	0.332	ng/g	1	.4	0.332	0.0981
Total PFNA	J	0.143	ng/g	1	.2	0.166	0.0116
PFNS	U	0.166	ng/g	1	.2	0.166	0.0440
Total PFOA		0.851	ng/g	1	.2	0.166	0.0233
PFOS		0.893	ng/g	1	.2	0.166	0.0490
PFOSA	U	0.166	ng/g	1	.2	0.166	0.0266

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-7
Client ID: 2SB-03 SURF
Matrix: SL
Lab File ID: 2LC04257

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 84.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.264	ng/g	1	.4	0.332	0.0698
PFPeS	U	0.166	ng/g	1	.2	0.166	0.0307
PFTeDA	U	0.166	ng/g	1	.2	0.166	0.0773
PFTrDA	U	0.166	ng/g	1	.2	0.166	0.0449
PFUnA	J	0.0646	ng/g	1	.2	0.166	0.0316
M-4:2 FTS-13C2		102.	%				
M-6:2 FTS-13C2		100.	%				
M-8:2 FTS-13C2		134.	%				
M-GenX-13C3 (HFPO-DA)		84.2	%				
M-NEtFOSAA-D5		125.	%				
M-NEtFOSA-D5		64.6	%				
M-NEtFOSE-D9		71.3	%				
M-NMeFOSAA-D3		70.4	%				
M-NMeFOSA-D3		71.3	%				
M-NMeFOSE-D7		74.5	%				
M-PFBA-13C4		98.7	%				
M-PFBS-13C3		97.5	%				
M-PFDA-13C6		102.	%				
M-PFDoA-13C2		107.	%				
M-PFHpA-13C4		89.0	%				
M-PFHxA-13C5		94.9	%				
M-PFHxS-13C3		92.7	%				
M-PFNA-13C9		98.6	%				
M-PFOA-13C8		95.7	%				
M-PFOS-13C8		95.8	%				
M-PFOSA-13C8		88.1	%				
M-PFPeA-13C5		95.5	%				
M-PFTeDA-13C2		116.	%				
M-PFUnA-13C7		110.	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-7
Client ID: 2SB-03 SURF
Lab File ID: 2LC04257

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		10	10		-	-
PFDA		213	3	3.582	1.707-5.12	1.762-5.28
PFHpA		288	3	2.089	1.042-3.12	1.037-3.11
PFHxA		104	3	9.391	4.616-13.8	4.534-13.6
PFNA		307	3	3.143	1.514-4.54	1.505-4.51
PFOA		414	3	1.582	.804-2.411	.78-2.34
PFOS		478	3	1.584	.878-2.634	.849-2.546
PFPeA		224	10		-	-
PFUnA		209	3	4.434	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-8
Client ID: 2SB-03 10-12.5
Matrix: SL
Lab File ID: 2LC04258

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.505	ng/g	1	.8	0.505	0.146
3:3FTCA	U	0.631	ng/g	1	1	0.631	0.235
4:2 FTS	U	0.505	ng/g	1	.8	0.505	0.182
5:3FTCA	U	3.15	ng/g	1	5	3.15	0.555
6:2 FTS	U	0.505	ng/g	1	.8	0.505	0.0763
7:3FTCA	U	3.15	ng/g	1	5	3.15	0.455
8:2 FTS	U	0.505	ng/g	1	.8	0.505	0.148
9Cl-PF3ONS	U	0.505	ng/g	1	.8	0.505	0.136
ADONA	U	0.505	ng/g	1	.8	0.505	0.0953
GenX (HFPO-DA)	U	0.505	ng/g	1	.8	0.505	0.115
NEtFOSA	U	0.126	ng/g	1	.2	0.126	0.0423
NEtFOSAA	U	0.126	ng/g	1	.2	0.126	0.0378
NEtFOSE	U	1.26	ng/g	1	2	1.26	0.436
NFDHA	U	0.252	ng/g	1	.4	0.252	0.0341
NMeFOSA	U	0.126	ng/g	1	.2	0.126	0.0442
NMeFOSAA	U	0.126	ng/g	1	.2	0.126	0.0429
NMeFOSE	U	1.26	ng/g	1	2	1.26	0.445
PFBA	U	0.505	ng/g	1	.8	0.505	0.103
PFBS	U	0.126	ng/g	1	.2	0.126	0.0322
PFDA	U	0.126	ng/g	1	.2	0.126	0.0328
PFDoA	U	0.126	ng/g	1	.2	0.126	0.0574
PFDoS	U	0.126	ng/g	1	.2	0.126	0.0397
PFDS	U	0.126	ng/g	1	.2	0.126	0.0290
PFEESA	U	0.252	ng/g	1	.4	0.252	0.0492
PFHpA	U	0.126	ng/g	1	.2	0.126	0.0252
PFHpS	U	0.126	ng/g	1	.2	0.126	0.0347
PFHxA	U	0.126	ng/g	1	.2	0.126	0.0290
Total PFHxS	U	0.126	ng/g	1	.2	0.126	0.00442
PFMBA	U	0.252	ng/g	1	.4	0.252	0.0517
PFMPA	U	0.252	ng/g	1	.4	0.252	0.0744
Total PFNA	U	0.126	ng/g	1	.2	0.126	0.00883
PFNS	U	0.126	ng/g	1	.2	0.126	0.0334
Total PFOA	J	0.0345	ng/g	1	.2	0.126	0.0177
PFOS	U	0.126	ng/g	1	.2	0.126	0.0372
PFOSA	U	0.126	ng/g	1	.2	0.126	0.0202

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-8
Client ID: 2SB-03 10-12.5
Matrix: SL
Lab File ID: 2LC04258

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.252	ng/g	1	.4	0.252	0.0530
PFPeS	U	0.126	ng/g	1	.2	0.126	0.0233
PFTeDA	U	0.126	ng/g	1	.2	0.126	0.0587
PFTrDA	U	0.126	ng/g	1	.2	0.126	0.0341
PFUnA	U	0.126	ng/g	1	.2	0.126	0.0240
M-4:2 FTS-13C2		93.2	%				
M-6:2 FTS-13C2		97.4	%				
M-8:2 FTS-13C2		88.2	%				
M-GenX-13C3 (HFPO-DA)		79.3	%				
M-NEtFOSAA-D5		101.	%				
M-NEtFOSA-D5		63.7	%				
M-NEtFOSE-D9		68.8	%				
M-NMeFOSAA-D3		52.2	%				
M-NMeFOSA-D3		71.2	%				
M-NMeFOSE-D7		71.7	%				
M-PFBA-13C4		98.8	%				
M-PFBS-13C3		89.3	%				
M-PFDA-13C6		95.8	%				
M-PFDoA-13C2		92.1	%				
M-PFHpA-13C4		85.9	%				
M-PFHxA-13C5		89.9	%				
M-PFHxS-13C3		91.3	%				
M-PFNA-13C9		91.8	%				
M-PFOA-13C8		91.8	%				
M-PFOS-13C8		92.9	%				
M-PFOSA-13C8		89.1	%				
M-PFPeA-13C5		93.4	%				
M-PFTeDA-13C2		84.4	%				
M-PFUnA-13C7		94.9	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-8
Client ID: 2SB-03 10-12.5
Lab File ID: 2LC04258

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFOA		92	3	1.663	.804-2.411	.78-2.34

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-9RE
Client ID: 2SB-03 12.5-15
Matrix: SL
Lab File ID: 2LC04395

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.543	ng/g	1	.8	0.543	0.157
3:3FTCA	U	0.679	ng/g	1	1	0.679	0.252
4:2 FTS	U	0.543	ng/g	1	.8	0.543	0.196
5:3FTCA	U	3.39	ng/g	1	5	3.39	0.597
6:2 FTS	U	0.543	ng/g	1	.8	0.543	0.0821
7:3FTCA	U	3.39	ng/g	1	5	3.39	0.489
8:2 FTS	U	0.543	ng/g	1	.8	0.543	0.160
9Cl-PF3ONS	U	0.543	ng/g	1	.8	0.543	0.147
ADONA	U	0.543	ng/g	1	.8	0.543	0.102
GenX (HFPO-DA)	U	0.543	ng/g	1	.8	0.543	0.124
NEtFOSA	U	0.136	ng/g	1	.2	0.136	0.0455
NEtFOSAA	U	0.136	ng/g	1	.2	0.136	0.0407
NEtFOSE	U	1.36	ng/g	1	2	1.36	0.470
NFDHA	U	0.272	ng/g	1	.4	0.272	0.0367
NMeFOSA	U	0.136	ng/g	1	.2	0.136	0.0475
NMeFOSAA	U	0.136	ng/g	1	.2	0.136	0.0462
NMeFOSE	U	1.36	ng/g	1	2	1.36	0.479
PFBA	U	0.543	ng/g	1	.8	0.543	0.111
PFBS	U	0.136	ng/g	1	.2	0.136	0.0346
PFDA	U	0.136	ng/g	1	.2	0.136	0.0353
PFDoA	U	0.136	ng/g	1	.2	0.136	0.0618
PFDoS	U	0.136	ng/g	1	.2	0.136	0.0428
PFDS	U	0.136	ng/g	1	.2	0.136	0.0312
PFEESA	U	0.272	ng/g	1	.4	0.272	0.0530
PFHpA	U	0.136	ng/g	1	.2	0.136	0.0272
PFHpS	U	0.136	ng/g	1	.2	0.136	0.0373
PFHxA	U	0.136	ng/g	1	.2	0.136	0.0312
Total PFHxS	U	0.136	ng/g	1	.2	0.136	0.00475
PFMBA	U	0.272	ng/g	1	.4	0.272	0.0557
PFMPA	U	0.272	ng/g	1	.4	0.272	0.0801
Total PFNA	U	0.136	ng/g	1	.2	0.136	0.00950
PFNS	U	0.136	ng/g	1	.2	0.136	0.0360
Total PFOA	J	0.0278	ng/g	1	.2	0.136	0.0190
PFOS	U	0.136	ng/g	1	.2	0.136	0.0400
PFOSA	U	0.136	ng/g	1	.2	0.136	0.0217

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-9RE
Client ID: 2SB-03 12.5-15
Matrix: SL
Lab File ID: 2LC04395

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.272	ng/g	1	.4	0.272	0.0570
PFPeS	U	0.136	ng/g	1	.2	0.136	0.0251
PFTeDA	U	0.136	ng/g	1	.2	0.136	0.0631
PFTrDA	U	0.136	ng/g	1	.2	0.136	0.0367
PFUnA	U	0.136	ng/g	1	.2	0.136	0.0258
M-4:2 FTS-13C2		80.7	%				
M-6:2 FTS-13C2		82.3	%				
M-8:2 FTS-13C2		71.5	%				
M-GenX-13C3 (HFPO-DA)		87.7	%				
M-NEtFOSAA-D5		54.9	%				
M-NEtFOSA-D5		42.8	%				
M-NEtFOSE-D9		62.0	%				
M-NMeFOSAA-D3		51.8	%				
M-NMeFOSA-D3		52.4	%				
M-NMeFOSE-D7		59.7	%				
M-PFBA-13C4		106.	%				
M-PFBS-13C3		74.3	%				
M-PFDA-13C6		76.2	%				
M-PFDoA-13C2		67.5	%				
M-PFHpA-13C4		77.7	%				
M-PFHxA-13C5		68.4	%				
M-PFHxS-13C3		78.2	%				
M-PFNA-13C9		79.4	%				
M-PFOA-13C8		76.3	%				
M-PFOS-13C8		75.9	%				
M-PFOSA-13C8		70.0	%				
M-PFPeA-13C5		85.4	%				
M-PFTeDA-13C2		60.4	%				
M-PFUnA-13C7		73.0	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-9RE
Client ID: 2SB-03 12.5-15
Lab File ID: 2LC04395

ICAL Midpoint: WG377859-4
ICAL MP File ID: 2LC04324
Opening CV: WG377859-15
Opening CV File ID: 2LC04333

Analysis Date: 11-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 14-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFOA		20	3	1.584	.792-2.375	.775-2.324

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-10
Client ID: 2SB-04 SURF
Matrix: SL
Lab File ID: 2LC04260

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 83.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.699	ng/g	1	.8	0.699	0.202
3:3FTCA	U	0.873	ng/g	1	1	0.873	0.325
4:2 FTS	U	0.699	ng/g	1	.8	0.699	0.252
5:3FTCA	U	4.37	ng/g	1	5	4.37	0.769
6:2 FTS	U	0.699	ng/g	1	.8	0.699	0.106
7:3FTCA	U	4.37	ng/g	1	5	4.37	0.630
8:2 FTS	U	0.699	ng/g	1	.8	0.699	0.205
9Cl-PF3ONS	U	0.699	ng/g	1	.8	0.699	0.189
ADONA	U	0.699	ng/g	1	.8	0.699	0.132
GenX (HFPO-DA)	U	0.699	ng/g	1	.8	0.699	0.159
NEtFOSA	U	0.175	ng/g	1	.2	0.175	0.0585
NEtFOSAA	U	0.175	ng/g	1	.2	0.175	0.0524
NEtFOSE	U	1.75	ng/g	1	2	1.75	0.604
NFDHA	U	0.349	ng/g	1	.4	0.349	0.0472
NMeFOSA	U	0.175	ng/g	1	.2	0.175	0.0611
NMeFOSAA	U	0.175	ng/g	1	.2	0.175	0.0594
NMeFOSE	U	1.75	ng/g	1	2	1.75	0.616
PFBA	J	0.176	ng/g	1	.8	0.699	0.143
PFBS	U	0.175	ng/g	1	.2	0.175	0.0445
PFDA	J	0.104	ng/g	1	.2	0.175	0.0454
PFDoA	U	0.175	ng/g	1	.2	0.175	0.0795
PFDoS	U	0.175	ng/g	1	.2	0.175	0.0550
PFDS	U	0.175	ng/g	1	.2	0.175	0.0402
PFEESA	U	0.349	ng/g	1	.4	0.349	0.0681
PFHpA	J	0.140	ng/g	1	.2	0.175	0.0349
PFHpS	U	0.175	ng/g	1	.2	0.175	0.0480
PFHxA	J	0.126	ng/g	1	.2	0.175	0.0402
Total PFHxS	U	0.175	ng/g	1	.2	0.175	0.00611
PFMBA	U	0.349	ng/g	1	.4	0.349	0.0716
PFMPA	U	0.349	ng/g	1	.4	0.349	0.103
Total PFNA		0.243	ng/g	1	.2	0.175	0.0122
PFNS	U	0.175	ng/g	1	.2	0.175	0.0463
Total PFOA		0.768	ng/g	1	.2	0.175	0.0244
PFOS		1.10	ng/g	1	.2	0.175	0.0515
PFOSA	U	0.175	ng/g	1	.2	0.175	0.0279

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-10
Client ID: 2SB-04 SURF
Matrix: SL
Lab File ID: 2LC04260

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 83.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.158	ng/g	1	.4	0.349	0.0734
PFPeS	U	0.175	ng/g	1	.2	0.175	0.0323
PFTeDA	U	0.175	ng/g	1	.2	0.175	0.0812
PFTrDA	U	0.175	ng/g	1	.2	0.175	0.0472
PFUnA	J	0.101	ng/g	1	.2	0.175	0.0332
M-4:2 FTS-13C2		94.0	%				
M-6:2 FTS-13C2		93.2	%				
M-8:2 FTS-13C2		107.	%				
M-GenX-13C3 (HFPO-DA)		80.2	%				
M-NEtFOSAA-D5		116.	%				
M-NEtFOSA-D5		60.4	%				
M-NEtFOSE-D9		59.1	%				
M-NMeFOSAA-D3		65.6	%				
M-NMeFOSA-D3		69.6	%				
M-NMeFOSE-D7		68.9	%				
M-PFBA-13C4		98.9	%				
M-PFBS-13C3		90.4	%				
M-PFDA-13C6		90.9	%				
M-PFDoA-13C2		93.2	%				
M-PFHpA-13C4		82.7	%				
M-PFHxA-13C5		86.7	%				
M-PFHxS-13C3		86.0	%				
M-PFNA-13C9		86.4	%				
M-PFOA-13C8		88.2	%				
M-PFOS-13C8		89.4	%				
M-PFOSA-13C8		85.7	%				
M-PFPeA-13C5		86.6	%				
M-PFTeDA-13C2		92.8	%				
M-PFUnA-13C7		91.3	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-10
Client ID: 2SB-04 SURF
Lab File ID: 2LC04260

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	5	10		-	-
PFDA		191	3	3.581	1.707-5.12	1.762-5.28
PFHpA		416	3	2.11	1.042-3.12	1.037-3.11
PFHxA		68	3	10.973	4.616-13.8	4.534-13.6
PFNA		204	3	3.103	1.514-4.54	1.505-4.51
PFOA		416	3	1.624	.804-2.411	.78-2.34
PFOS		596	3	1.444	.878-2.634	.849-2.546
PFPeA		83	10		-	-
PFUnA		180	3	3.421	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-11
Client ID: 2SB-04 0-5
Matrix: SL
Lab File ID: 2LC04263

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.716	ng/g	1	.8	0.716	0.207
3:3FTCA	U	0.894	ng/g	1	1	0.894	0.333
4:2 FTS	U	0.716	ng/g	1	.8	0.716	0.258
5:3FTCA	U	4.47	ng/g	1	5	4.47	0.787
6:2 FTS	U	0.716	ng/g	1	.8	0.716	0.108
7:3FTCA	U	4.47	ng/g	1	5	4.47	0.645
8:2 FTS	U	0.716	ng/g	1	.8	0.716	0.210
9Cl-PF3ONS	U	0.716	ng/g	1	.8	0.716	0.193
ADONA	U	0.716	ng/g	1	.8	0.716	0.135
GenX (HFPO-DA)	U	0.716	ng/g	1	.8	0.716	0.163
NEtFOSA	U	0.179	ng/g	1	.2	0.179	0.0599
NEtFOSAA	U	0.179	ng/g	1	.2	0.179	0.0537
NEtFOSE	U	1.79	ng/g	1	2	1.79	0.619
NFDHA	U	0.358	ng/g	1	.4	0.358	0.0483
NMeFOSA	U	0.179	ng/g	1	.2	0.179	0.0626
NMeFOSAA	U	0.179	ng/g	1	.2	0.179	0.0608
NMeFOSE	U	1.79	ng/g	1	2	1.79	0.631
PFBA	J	0.163	ng/g	1	.8	0.716	0.147
PFBS	U	0.179	ng/g	1	.2	0.179	0.0456
PFDA	J	0.0539	ng/g	1	.2	0.179	0.0465
PFDoA	U	0.179	ng/g	1	.2	0.179	0.0814
PFDoS	U	0.179	ng/g	1	.2	0.179	0.0564
PFDS	U	0.179	ng/g	1	.2	0.179	0.0412
PFEESA	U	0.358	ng/g	1	.4	0.358	0.0698
PFHpA	J	0.109	ng/g	1	.2	0.179	0.0358
PFHpS	U	0.179	ng/g	1	.2	0.179	0.0492
PFHxA	J	0.107	ng/g	1	.2	0.179	0.0412
Total PFHxS	U	0.179	ng/g	1	.2	0.179	0.00626
PFMBA	U	0.358	ng/g	1	.4	0.358	0.0734
PFMPA	U	0.358	ng/g	1	.4	0.358	0.106
Total PFNA	J	0.161	ng/g	1	.2	0.179	0.0125
PFNS	U	0.179	ng/g	1	.2	0.179	0.0474
Total PFOA		0.579	ng/g	1	.2	0.179	0.0250
PFOS		1.16	ng/g	1	.2	0.179	0.0528
PFOSA	U	0.179	ng/g	1	.2	0.179	0.0286

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-11
Client ID: 2SB-04 0-5
Matrix: SL
Lab File ID: 2LC04263

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.157	ng/g	1	.4	0.358	0.0751
PFPeS	U	0.179	ng/g	1	.2	0.179	0.0331
PFTeDA	U	0.179	ng/g	1	.2	0.179	0.0832
PFTrDA	U	0.179	ng/g	1	.2	0.179	0.0483
PFUnA	U	0.179	ng/g	1	.2	0.179	0.0340
M-4:2 FTS-13C2		92.7	%				
M-6:2 FTS-13C2		94.6	%				
M-8:2 FTS-13C2		105.	%				
M-GenX-13C3 (HFPO-DA)		77.3	%				
M-NEtFOSAA-D5		107.	%				
M-NEtFOSA-D5		63.7	%				
M-NEtFOSE-D9		67.4	%				
M-NMeFOSAA-D3		58.2	%				
M-NMeFOSA-D3		70.3	%				
M-NMeFOSE-D7		66.7	%				
M-PFBA-13C4		99.9	%				
M-PFBS-13C3		83.1	%				
M-PFDA-13C6		92.1	%				
M-PFDoA-13C2		92.2	%				
M-PFHpA-13C4		80.1	%				
M-PFHxA-13C5		87.1	%				
M-PFHxS-13C3		83.9	%				
M-PFNA-13C9		86.2	%				
M-PFOA-13C8		88.2	%				
M-PFOS-13C8		84.6	%				
M-PFOSA-13C8		80.5	%				
M-PFPeA-13C5		84.0	%				
M-PFTeDA-13C2		100.	%				
M-PFUnA-13C7		92.9	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-11
Client ID: 2SB-04 0-5
Lab File ID: 2LC04263

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	4	10		-	-
PFDA		94	3	3.266	1.707-5.12	1.762-5.28
PFHpA		512	3	2.136	1.042-3.12	1.037-3.11
PFHxA		61	3	9.936	4.616-13.8	4.534-13.6
PFNA		211	3	2.98	1.514-4.54	1.505-4.51
PFOA		310	3	1.611	.804-2.411	.78-2.34
PFOS		651	3	1.536	.878-2.634	.849-2.546
PFPeA		99	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-12
Client ID: 2SB-04 10-15
Matrix: SL
Lab File ID: 2LC04264

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 93.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.664	ng/g	1	.8	0.664	0.192
3:3FTCA	U	0.830	ng/g	1	1	0.830	0.309
4:2 FTS	U	0.664	ng/g	1	.8	0.664	0.239
5:3FTCA	U	4.15	ng/g	1	5	4.15	0.731
6:2 FTS	U	0.664	ng/g	1	.8	0.664	0.100
7:3FTCA	U	4.15	ng/g	1	5	4.15	0.599
8:2 FTS	U	0.664	ng/g	1	.8	0.664	0.195
9Cl-PF3ONS	U	0.664	ng/g	1	.8	0.664	0.179
ADONA	U	0.664	ng/g	1	.8	0.664	0.125
GenX (HFPO-DA)	U	0.664	ng/g	1	.8	0.664	0.151
NEtFOSA	U	0.166	ng/g	1	.2	0.166	0.0556
NEtFOSAA	U	0.166	ng/g	1	.2	0.166	0.0498
NEtFOSE	U	1.66	ng/g	1	2	1.66	0.575
NFDHA	U	0.332	ng/g	1	.4	0.332	0.0448
NMeFOSA	U	0.166	ng/g	1	.2	0.166	0.0581
NMeFOSAA	U	0.166	ng/g	1	.2	0.166	0.0565
NMeFOSE	U	1.66	ng/g	1	2	1.66	0.585
PFBA	U	0.664	ng/g	1	.8	0.664	0.136
PFBS	U	0.166	ng/g	1	.2	0.166	0.0424
PFDA	U	0.166	ng/g	1	.2	0.166	0.0432
PFDoA	U	0.166	ng/g	1	.2	0.166	0.0756
PFDoS	U	0.166	ng/g	1	.2	0.166	0.0523
PFDS	U	0.166	ng/g	1	.2	0.166	0.0382
PFEESA	U	0.332	ng/g	1	.4	0.332	0.0648
PFHpA	U	0.166	ng/g	1	.2	0.166	0.0332
PFHpS	U	0.166	ng/g	1	.2	0.166	0.0457
PFHxA	U	0.166	ng/g	1	.2	0.166	0.0382
Total PFHxS	U	0.166	ng/g	1	.2	0.166	0.00581
PFMBA	U	0.332	ng/g	1	.4	0.332	0.0681
PFMPA	U	0.332	ng/g	1	.4	0.332	0.0980
Total PFNA	U	0.166	ng/g	1	.2	0.166	0.0116
PFNS	U	0.166	ng/g	1	.2	0.166	0.0440
Total PFOA	U	0.166	ng/g	1	.2	0.166	0.0232
PFOS	U	0.166	ng/g	1	.2	0.166	0.0490
PFOSA	U	0.166	ng/g	1	.2	0.166	0.0266

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-12
Client ID: 2SB-04 10-15
Matrix: SL
Lab File ID: 2LC04264

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 93.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.332	ng/g	1	.4	0.332	0.0698
PFPeS	U	0.166	ng/g	1	.2	0.166	0.0307
PFTeDA	U	0.166	ng/g	1	.2	0.166	0.0772
PFTrDA	U	0.166	ng/g	1	.2	0.166	0.0448
PFUnA	U	0.166	ng/g	1	.2	0.166	0.0316
M-4:2 FTS-13C2		93.3	%				
M-6:2 FTS-13C2		99.1	%				
M-8:2 FTS-13C2		83.3	%				
M-GenX-13C3 (HFPO-DA)		83.0	%				
M-NEtFOSAA-D5		99.1	%				
M-NEtFOSA-D5		71.2	%				
M-NEtFOSE-D9		72.6	%				
M-NMeFOSAA-D3		55.9	%				
M-NMeFOSA-D3		79.5	%				
M-NMeFOSE-D7		72.6	%				
M-PFBA-13C4		99.4	%				
M-PFBS-13C3		85.1	%				
M-PFDA-13C6		90.6	%				
M-PFDoA-13C2		83.9	%				
M-PFHpA-13C4		82.5	%				
M-PFHxA-13C5		87.6	%				
M-PFHxS-13C3		90.5	%				
M-PFNA-13C9		84.7	%				
M-PFOA-13C8		88.0	%				
M-PFOS-13C8		90.4	%				
M-PFOSA-13C8		87.5	%				
M-PFPeA-13C5		86.8	%				
M-PFTeDA-13C2		91.7	%				
M-PFUnA-13C7		91.5	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-13
Client ID: 2SB-05 SURF
Matrix: SL
Lab File ID: 2LC04265

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 78.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.745	ng/g	1	.8	0.745	0.215
3:3FTCA	U	0.932	ng/g	1	1	0.932	0.346
4:2 FTS	U	0.745	ng/g	1	.8	0.745	0.268
5:3FTCA	U	4.66	ng/g	1	5	4.66	0.820
6:2 FTS	U	0.745	ng/g	1	.8	0.745	0.113
7:3FTCA	U	4.66	ng/g	1	5	4.66	0.672
8:2 FTS	U	0.745	ng/g	1	.8	0.745	0.219
9Cl-PF3ONS	U	0.745	ng/g	1	.8	0.745	0.201
ADONA	U	0.745	ng/g	1	.8	0.745	0.141
GenX (HFPO-DA)	U	0.745	ng/g	1	.8	0.745	0.170
NEtFOSA	U	0.186	ng/g	1	.2	0.186	0.0624
NEtFOSAA	U	0.186	ng/g	1	.2	0.186	0.0559
NEtFOSE	U	1.86	ng/g	1	2	1.86	0.645
NFDHA	U	0.373	ng/g	1	.4	0.373	0.0503
NMeFOSA	U	0.186	ng/g	1	.2	0.186	0.0652
NMeFOSAA	U	0.186	ng/g	1	.2	0.186	0.0633
NMeFOSE	U	1.86	ng/g	1	2	1.86	0.657
PFBA	J	0.334	ng/g	1	.8	0.745	0.153
PFBS	U	0.186	ng/g	1	.2	0.186	0.0475
PFDA		0.344	ng/g	1	.2	0.186	0.0484
PFDoA	J	0.184	ng/g	1	.2	0.186	0.0848
PFDoS	U	0.186	ng/g	1	.2	0.186	0.0587
PFDS	U	0.186	ng/g	1	.2	0.186	0.0428
PFEESA	U	0.373	ng/g	1	.4	0.373	0.0727
PFHpA	J	0.160	ng/g	1	.2	0.186	0.0373
PFHpS	U	0.186	ng/g	1	.2	0.186	0.0512
PFHxA	J	0.168	ng/g	1	.2	0.186	0.0428
Total PFHxS	U	0.186	ng/g	1	.2	0.186	0.00652
PFMBA	U	0.373	ng/g	1	.4	0.373	0.0764
PFMPA	U	0.373	ng/g	1	.4	0.373	0.110
Total PFNA		0.400	ng/g	1	.2	0.186	0.0130
PFNS	U	0.186	ng/g	1	.2	0.186	0.0494
Total PFOA		0.576	ng/g	1	.2	0.186	0.0261
PFOS		1.64	ng/g	1	.2	0.186	0.0550
PFOSA	U	0.186	ng/g	1	.2	0.186	0.0298

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-13
Client ID: 2SB-05 SURF
Matrix: SL
Lab File ID: 2LC04265

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 78.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.271	ng/g	1	.4	0.373	0.0782
PFPeS	U	0.186	ng/g	1	.2	0.186	0.0345
PFTeDA	J	0.128	ng/g	1	.2	0.186	0.0866
PFTrDA		0.189	ng/g	1	.2	0.186	0.0503
PFUnA		0.353	ng/g	1	.2	0.186	0.0354
M-4:2 FTS-13C2		112.	%				
M-6:2 FTS-13C2		98.1	%				
M-8:2 FTS-13C2		181.	%				
M-GenX-13C3 (HFPO-DA)		80.5	%				
M-NEtFOSAA-D5		136.	%				
M-NEtFOSA-D5		59.2	%				
M-NEtFOSE-D9		51.9	%				
M-NMeFOSAA-D3		78.4	%				
M-NMeFOSA-D3		69.7	%				
M-NMeFOSE-D7		69.8	%				
M-PFBA-13C4		99.5	%				
M-PFBS-13C3		86.3	%				
M-PFDA-13C6		92.6	%				
M-PFDoA-13C2		101.	%				
M-PFHpA-13C4		82.0	%				
M-PFHxA-13C5		89.0	%				
M-PFHxS-13C3		84.1	%				
M-PFNA-13C9		83.1	%				
M-PFOA-13C8		86.6	%				
M-PFOS-13C8		87.3	%				
M-PFOSA-13C8		98.1	%				
M-PFPeA-13C5		84.6	%				
M-PFTeDA-13C2		110.	%				
M-PFUnA-13C7		98.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-13
Client ID: 2SB-05 SURF
Lab File ID: 2LC04265

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		12	10		-	-
PFDA		631	3	3.604	1.707-5.12	1.762-5.28
PFDoA		259	3	3.615	1.819-5.45	1.739-5.21
PFHpA		326	3	2.101	1.042-3.12	1.037-3.11
PFHxA		20	3	9.839	4.616-13.8	4.534-13.6
PFNA		446	3	3.033	1.514-4.54	1.505-4.51
PFOA		646	3	1.625	.804-2.411	.78-2.34
PFOS		514	3	1.548	.878-2.634	.849-2.546
PFPeA		189	10		-	-
PFTeDA		129	3	2.379	1.197-3.59	1.14-3.419
PFTrDA		480	3	2.544	1.242-3.72	1.238-3.71
PFUnA		374	3	4.252	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-14
Client ID: 2SB-05 5-7
Matrix: SL
Lab File ID: 2LC04266

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.612	ng/g	1	.8	0.612	0.177
3:3FTCA	U	0.765	ng/g	1	1	0.765	0.285
4:2 FTS	U	0.612	ng/g	1	.8	0.612	0.220
5:3FTCA	U	3.83	ng/g	1	5	3.83	0.673
6:2 FTS	U	0.612	ng/g	1	.8	0.612	0.0926
7:3FTCA	U	3.83	ng/g	1	5	3.83	0.552
8:2 FTS	U	0.612	ng/g	1	.8	0.612	0.180
9Cl-PF3ONS	U	0.612	ng/g	1	.8	0.612	0.165
ADONA	U	0.612	ng/g	1	.8	0.612	0.116
GenX (HFPO-DA)	U	0.612	ng/g	1	.8	0.612	0.139
NEtFOSA	U	0.153	ng/g	1	.2	0.153	0.0513
NEtFOSAA	U	0.153	ng/g	1	.2	0.153	0.0459
NEtFOSE	U	1.53	ng/g	1	2	1.53	0.530
NFDHA	U	0.306	ng/g	1	.4	0.306	0.0413
NMeFOSA	U	0.153	ng/g	1	.2	0.153	0.0536
NMeFOSAA	U	0.153	ng/g	1	.2	0.153	0.0520
NMeFOSE	U	1.53	ng/g	1	2	1.53	0.540
PFBA	U	0.612	ng/g	1	.8	0.612	0.126
PFBS	U	0.153	ng/g	1	.2	0.153	0.0390
PFDA	U	0.153	ng/g	1	.2	0.153	0.0398
PFDoA	U	0.153	ng/g	1	.2	0.153	0.0696
PFDoS	U	0.153	ng/g	1	.2	0.153	0.0482
PFDS	U	0.153	ng/g	1	.2	0.153	0.0352
PFEESA	U	0.306	ng/g	1	.4	0.306	0.0597
PFHpA	J	0.0559	ng/g	1	.2	0.153	0.0306
PFHpS	U	0.153	ng/g	1	.2	0.153	0.0421
PFHxA	J	0.0422	ng/g	1	.2	0.153	0.0352
Total PFHxS	U	0.153	ng/g	1	.2	0.153	0.00536
PFMBA	U	0.306	ng/g	1	.4	0.306	0.0628
PFMPA	U	0.306	ng/g	1	.4	0.306	0.0903
Total PFNA	U	0.153	ng/g	1	.2	0.153	0.0107
PFNS	U	0.153	ng/g	1	.2	0.153	0.0406
Total PFOA	J	0.108	ng/g	1	.2	0.153	0.0214
PFOS	J	0.144	ng/g	1	.2	0.153	0.0452
PFOSA	U	0.153	ng/g	1	.2	0.153	0.0245

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-14
Client ID: 2SB-05 5-7
Matrix: SL
Lab File ID: 2LC04266

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.306	ng/g	1	.4	0.306	0.0643
PFPeS	U	0.153	ng/g	1	.2	0.153	0.0283
PFTeDA	U	0.153	ng/g	1	.2	0.153	0.0712
PFTrDA	U	0.153	ng/g	1	.2	0.153	0.0413
PFUnA	U	0.153	ng/g	1	.2	0.153	0.0291
M-4:2 FTS-13C2		90.0	%				
M-6:2 FTS-13C2		92.2	%				
M-8:2 FTS-13C2		83.4	%				
M-GenX-13C3 (HFPO-DA)		73.6	%				
M-NEtFOSAA-D5		90.3	%				
M-NEtFOSA-D5		58.7	%				
M-NEtFOSE-D9		64.6	%				
M-NMeFOSAA-D3		46.1	%				
M-NMeFOSA-D3		66.6	%				
M-NMeFOSE-D7		65.0	%				
M-PFBA-13C4		99.3	%				
M-PFBS-13C3		80.2	%				
M-PFDA-13C6		87.4	%				
M-PFDoA-13C2		86.5	%				
M-PFHpA-13C4		73.1	%				
M-PFHxA-13C5		77.6	%				
M-PFHxS-13C3		80.5	%				
M-PFNA-13C9		77.0	%				
M-PFOA-13C8		80.1	%				
M-PFOS-13C8		81.7	%				
M-PFOSA-13C8		78.9	%				
M-PFPeA-13C5		74.7	%				
M-PFTeDA-13C2		91.8	%				
M-PFUnA-13C7		87.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-14
Client ID: 2SB-05 5-7
Lab File ID: 2LC04266

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		121	3	2.115	1.042-3.12	1.037-3.11
PFHxA		113	3	8.906	4.616-13.8	4.534-13.6
PFOA		69	3	1.564	.804-2.411	.78-2.34
PFOS		163	3	1.935	.878-2.634	.849-2.546

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-15
Client ID: 2SB-06 SURF
Matrix: SL
Lab File ID: 2LC04267

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 68.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.748	ng/g	1	.8	0.748	0.216
3:3FTCA	U	0.935	ng/g	1	1	0.935	0.348
4:2 FTS	U	0.748	ng/g	1	.8	0.748	0.269
5:3FTCA	U	4.68	ng/g	1	5	4.68	0.823
6:2 FTS	U	0.748	ng/g	1	.8	0.748	0.113
7:3FTCA	U	4.68	ng/g	1	5	4.68	0.674
8:2 FTS	U	0.748	ng/g	1	.8	0.748	0.220
9Cl-PF3ONS	U	0.748	ng/g	1	.8	0.748	0.202
ADONA	U	0.748	ng/g	1	.8	0.748	0.141
GenX (HFPO-DA)	U	0.748	ng/g	1	.8	0.748	0.170
NEtFOSA	U	0.187	ng/g	1	.2	0.187	0.0627
NEtFOSAA	U	0.187	ng/g	1	.2	0.187	0.0561
NEtFOSE	U	1.87	ng/g	1	2	1.87	0.647
NFDHA	U	0.374	ng/g	1	.4	0.374	0.0505
NMeFOSA	U	0.187	ng/g	1	.2	0.187	0.0655
NMeFOSAA	U	0.187	ng/g	1	.2	0.187	0.0636
NMeFOSE	U	1.87	ng/g	1	2	1.87	0.659
PFBA	J	0.404	ng/g	1	.8	0.748	0.153
PFBS	U	0.187	ng/g	1	.2	0.187	0.0477
PFDA		0.431	ng/g	1	.2	0.187	0.0486
PFDoA		0.246	ng/g	1	.2	0.187	0.0851
PFDoS	U	0.187	ng/g	1	.2	0.187	0.0589
PFDS	U	0.187	ng/g	1	.2	0.187	0.0430
PFEESA	U	0.374	ng/g	1	.4	0.374	0.0729
PFHpA	J	0.162	ng/g	1	.2	0.187	0.0374
PFHpS	U	0.187	ng/g	1	.2	0.187	0.0514
PFHxA		0.189	ng/g	1	.2	0.187	0.0430
Total PFHxS	U	0.187	ng/g	1	.2	0.187	0.00655
PFMBA	U	0.374	ng/g	1	.4	0.374	0.0767
PFMPA	U	0.374	ng/g	1	.4	0.374	0.110
Total PFNA		0.394	ng/g	1	.2	0.187	0.0131
PFNS	U	0.187	ng/g	1	.2	0.187	0.0496
Total PFOA		0.500	ng/g	1	.2	0.187	0.0262
PFOS		1.80	ng/g	1	.2	0.187	0.0552
PFOSA	U	0.187	ng/g	1	.2	0.187	0.0299

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-15
Client ID: 2SB-06 SURF
Matrix: SL
Lab File ID: 2LC04267

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 68.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.305	ng/g	1	.4	0.374	0.0786
PFPeS	U	0.187	ng/g	1	.2	0.187	0.0346
PFTeDA	J	0.0927	ng/g	1	.2	0.187	0.0870
PFTrDA		0.189	ng/g	1	.2	0.187	0.0505
PFUnA		0.548	ng/g	1	.2	0.187	0.0355
M-4:2 FTS-13C2		107.	%				
M-6:2 FTS-13C2		87.3	%				
M-8:2 FTS-13C2		161.	%				
M-GenX-13C3 (HFPO-DA)		71.3	%				
M-NEtFOSAA-D5		122.	%				
M-NEtFOSA-D5		56.6	%				
M-NEtFOSE-D9		55.0	%				
M-NMeFOSAA-D3		69.9	%				
M-NMeFOSA-D3		63.2	%				
M-NMeFOSE-D7		59.3	%				
M-PFBA-13C4		99.6	%				
M-PFBS-13C3		80.7	%				
M-PFDA-13C6		81.7	%				
M-PFDoA-13C2		87.4	%				
M-PFHpA-13C4		73.8	%				
M-PFHxA-13C5		77.7	%				
M-PFHxS-13C3		79.0	%				
M-PFNA-13C9		76.8	%				
M-PFOA-13C8		78.0	%				
M-PFOS-13C8		81.4	%				
M-PFOSA-13C8		85.9	%				
M-PFPeA-13C5		74.5	%				
M-PFTeDA-13C2		102.	%				
M-PFUnA-13C7		83.1	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-15
Client ID: 2SB-06 SURF
Lab File ID: 2LC04267

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		11	10		-	-
PFDA		876	3	3.533	1.707-5.12	1.762-5.28
PFDoA		328	3	3.528	1.819-5.45	1.739-5.21
PFHpA		200	3	2.086	1.042-3.12	1.037-3.11
PFHxA		82	3	10.857	4.616-13.8	4.534-13.6
PFNA		256	3	3.036	1.514-4.54	1.505-4.51
PFOA		408	3	1.618	.804-2.411	.78-2.34
PFOS		582	3	1.461	.878-2.634	.849-2.546
PFPeA		118	10		-	-
PFTeDA		76	3	2.424	1.197-3.59	1.14-3.419
PFTrDA		74	3	2.602	1.242-3.72	1.238-3.71
PFUnA		451	3	4.696	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-16
Client ID: 2SB-06 0-2.5
Matrix: SL
Lab File ID: 2LC04268

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.574	ng/g	1	.8	0.574	0.166
3:3FTCA	U	0.718	ng/g	1	1	0.718	0.267
4:2 FTS	U	0.574	ng/g	1	.8	0.574	0.207
5:3FTCA	U	3.59	ng/g	1	5	3.59	0.632
6:2 FTS	U	0.574	ng/g	1	.8	0.574	0.0868
7:3FTCA	U	3.59	ng/g	1	5	3.59	0.518
8:2 FTS	U	0.574	ng/g	1	.8	0.574	0.169
9Cl-PF3ONS	U	0.574	ng/g	1	.8	0.574	0.155
ADONA	U	0.574	ng/g	1	.8	0.574	0.108
GenX (HFPO-DA)	U	0.574	ng/g	1	.8	0.574	0.131
NEtFOSA	U	0.144	ng/g	1	.2	0.144	0.0481
NEtFOSAA	U	0.144	ng/g	1	.2	0.144	0.0431
NEtFOSE	U	1.44	ng/g	1	2	1.44	0.497
NFDHA	U	0.287	ng/g	1	.4	0.287	0.0388
NMeFOSA	U	0.144	ng/g	1	.2	0.144	0.0502
NMeFOSAA	U	0.144	ng/g	1	.2	0.144	0.0488
NMeFOSE	U	1.44	ng/g	1	2	1.44	0.506
PFBA	J	0.229	ng/g	1	.8	0.574	0.118
PFBS	U	0.144	ng/g	1	.2	0.144	0.0366
PFDA	J	0.0631	ng/g	1	.2	0.144	0.0373
PFDoA	U	0.144	ng/g	1	.2	0.144	0.0653
PFDoS	U	0.144	ng/g	1	.2	0.144	0.0452
PFDS	U	0.144	ng/g	1	.2	0.144	0.0330
PFEESA	U	0.287	ng/g	1	.4	0.287	0.0560
PFHpA	J	0.143	ng/g	1	.2	0.144	0.0287
PFHpS	U	0.144	ng/g	1	.2	0.144	0.0395
PFHxA	J	0.142	ng/g	1	.2	0.144	0.0330
Total PFHxS	U	0.144	ng/g	1	.2	0.144	0.00502
PFMBA	U	0.287	ng/g	1	.4	0.287	0.0589
PFMPA	U	0.287	ng/g	1	.4	0.287	0.0847
Total PFNA		0.197	ng/g	1	.2	0.144	0.0100
PFNS	U	0.144	ng/g	1	.2	0.144	0.0380
Total PFOA		0.733	ng/g	1	.2	0.144	0.0201
PFOS		0.591	ng/g	1	.2	0.144	0.0424
PFOSA	U	0.144	ng/g	1	.2	0.144	0.0230

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-16
Client ID: 2SB-06 0-2.5
Matrix: SL
Lab File ID: 2LC04268

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.251	ng/g	1	.4	0.287	0.0603
PFPeS	U	0.144	ng/g	1	.2	0.144	0.0266
PFTeDA	U	0.144	ng/g	1	.2	0.144	0.0668
PFTrDA	U	0.144	ng/g	1	.2	0.144	0.0388
PFUnA	J	0.0483	ng/g	1	.2	0.144	0.0273
M-4:2 FTS-13C2		100.	%				
M-6:2 FTS-13C2		95.9	%				
M-8:2 FTS-13C2		88.5	%				
M-GenX-13C3 (HFPO-DA)		79.2	%				
M-NEtFOSAA-D5		95.6	%				
M-NEtFOSA-D5		51.5	%				
M-NEtFOSE-D9		65.5	%				
M-NMeFOSAA-D3		53.5	%				
M-NMeFOSA-D3		56.9	%				
M-NMeFOSE-D7		65.0	%				
M-PFBA-13C4		100.	%				
M-PFBS-13C3		83.0	%				
M-PFDA-13C6		88.8	%				
M-PFDoA-13C2		87.0	%				
M-PFHpA-13C4		76.1	%				
M-PFHxA-13C5		82.0	%				
M-PFHxS-13C3		83.6	%				
M-PFNA-13C9		80.7	%				
M-PFOA-13C8		82.6	%				
M-PFOS-13C8		82.3	%				
M-PFOSA-13C8		78.9	%				
M-PFPeA-13C5		78.5	%				
M-PFTeDA-13C2		101.	%				
M-PFUnA-13C7		89.8	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-16
Client ID: 2SB-06 0-2.5
Lab File ID: 2LC04268

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		10	10		-	-
PFDA		255	3	3.631	1.707-5.12	1.762-5.28
PFHpA		245	3	2.081	1.042-3.12	1.037-3.11
PFHxA		168	3	9.074	4.616-13.8	4.534-13.6
PFNA		246	3	2.944	1.514-4.54	1.505-4.51
PFOA		637	3	1.611	.804-2.411	.78-2.34
PFOS		730	3	1.528	.878-2.634	.849-2.546
PFPeA		254	10		-	-
PFUnA		189	3	4.359	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-17
Client ID: 2SB-06 7.5-10
Matrix: SL
Lab File ID: 2LC04269

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 92.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.489	ng/g	1	.8	0.489	0.141
3:3FTCA	U	0.611	ng/g	1	1	0.611	0.227
4:2 FTS	U	0.489	ng/g	1	.8	0.489	0.176
5:3FTCA	U	3.06	ng/g	1	5	3.06	0.538
6:2 FTS	U	0.489	ng/g	1	.8	0.489	0.0740
7:3FTCA	U	3.06	ng/g	1	5	3.06	0.441
8:2 FTS	U	0.489	ng/g	1	.8	0.489	0.144
9Cl-PF3ONS	U	0.489	ng/g	1	.8	0.489	0.132
ADONA	U	0.489	ng/g	1	.8	0.489	0.0923
GenX (HFPO-DA)	U	0.489	ng/g	1	.8	0.489	0.111
NEtFOSA	U	0.122	ng/g	1	.2	0.122	0.0410
NEtFOSAA	U	0.122	ng/g	1	.2	0.122	0.0367
NEtFOSE	U	1.22	ng/g	1	2	1.22	0.423
NFDHA	U	0.244	ng/g	1	.4	0.244	0.0330
NMeFOSA	U	0.122	ng/g	1	.2	0.122	0.0428
NMeFOSAA	U	0.122	ng/g	1	.2	0.122	0.0416
NMeFOSE	U	1.22	ng/g	1	2	1.22	0.431
PFBA	U	0.489	ng/g	1	.8	0.489	0.100
PFBS	U	0.122	ng/g	1	.2	0.122	0.0312
PFDA	U	0.122	ng/g	1	.2	0.122	0.0318
PFDoA	U	0.122	ng/g	1	.2	0.122	0.0556
PFDoS	U	0.122	ng/g	1	.2	0.122	0.0385
PFDS	U	0.122	ng/g	1	.2	0.122	0.0281
PFEESA	U	0.244	ng/g	1	.4	0.244	0.0477
PFHpA	U	0.122	ng/g	1	.2	0.122	0.0244
PFHpS	U	0.122	ng/g	1	.2	0.122	0.0336
PFHxA	U	0.122	ng/g	1	.2	0.122	0.0281
Total PFHxS	U	0.122	ng/g	1	.2	0.122	0.00428
PFMBA	U	0.244	ng/g	1	.4	0.244	0.0501
PFMPA	U	0.244	ng/g	1	.4	0.244	0.0721
Total PFNA	U	0.122	ng/g	1	.2	0.122	0.00856
PFNS	U	0.122	ng/g	1	.2	0.122	0.0324
Total PFOA	U	0.122	ng/g	1	.2	0.122	0.0171
PFOS	U	0.122	ng/g	1	.2	0.122	0.0361
PFOSA	U	0.122	ng/g	1	.2	0.122	0.0196

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-17
Client ID: 2SB-06 7.5-10
Matrix: SL
Lab File ID: 2LC04269

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 92.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.244	ng/g	1	.4	0.244	0.0513
PFPeS	U	0.122	ng/g	1	.2	0.122	0.0226
PFTeDA	U	0.122	ng/g	1	.2	0.122	0.0568
PFTrDA	U	0.122	ng/g	1	.2	0.122	0.0330
PFUnA	U	0.122	ng/g	1	.2	0.122	0.0232
M-4:2 FTS-13C2		96.4	%				
M-6:2 FTS-13C2		102.	%				
M-8:2 FTS-13C2		91.1	%				
M-GenX-13C3 (HFPO-DA)		89.7	%				
M-NEtFOSAA-D5		96.6	%				
M-NEtFOSA-D5		65.3	%				
M-NEtFOSE-D9		82.4	%				
M-NMeFOSAA-D3		51.6	%				
M-NMeFOSA-D3		71.6	%				
M-NMeFOSE-D7		78.3	%				
M-PFBA-13C4		100.	%				
M-PFBS-13C3		83.7	%				
M-PFDA-13C6		92.2	%				
M-PFDoA-13C2		89.8	%				
M-PFHpA-13C4		83.1	%				
M-PFHxA-13C5		88.5	%				
M-PFHxS-13C3		86.0	%				
M-PFNA-13C9		83.0	%				
M-PFOA-13C8		87.7	%				
M-PFOS-13C8		87.4	%				
M-PFOSA-13C8		84.8	%				
M-PFPeA-13C5		83.4	%				
M-PFTeDA-13C2		103.	%				
M-PFUnA-13C7		93.2	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-18
Client ID: DUP-20251001
Matrix: SL
Lab File ID: 2LC04270

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.558	ng/g	1	.8	0.558	0.161
3:3FTCA	U	0.698	ng/g	1	1	0.698	0.259
4:2 FTS	U	0.558	ng/g	1	.8	0.558	0.201
5:3FTCA	U	3.49	ng/g	1	5	3.49	0.614
6:2 FTS	U	0.558	ng/g	1	.8	0.558	0.0844
7:3FTCA	U	3.49	ng/g	1	5	3.49	0.503
8:2 FTS	U	0.558	ng/g	1	.8	0.558	0.164
9Cl-PF3ONS	U	0.558	ng/g	1	.8	0.558	0.151
ADONA	U	0.558	ng/g	1	.8	0.558	0.105
GenX (HFPO-DA)	U	0.558	ng/g	1	.8	0.558	0.127
NEtFOSA	U	0.140	ng/g	1	.2	0.140	0.0467
NEtFOSAA	U	0.140	ng/g	1	.2	0.140	0.0418
NEtFOSE	U	1.40	ng/g	1	2	1.40	0.483
NFDHA	U	0.279	ng/g	1	.4	0.279	0.0377
NMeFOSA	U	0.140	ng/g	1	.2	0.140	0.0488
NMeFOSAA	U	0.140	ng/g	1	.2	0.140	0.0474
NMeFOSE	U	1.40	ng/g	1	2	1.40	0.492
PFBA	U	0.558	ng/g	1	.8	0.558	0.114
PFBS	U	0.140	ng/g	1	.2	0.140	0.0356
PFDA	U	0.140	ng/g	1	.2	0.140	0.0363
PFDoA	U	0.140	ng/g	1	.2	0.140	0.0635
PFDoS	U	0.140	ng/g	1	.2	0.140	0.0439
PFDS	U	0.140	ng/g	1	.2	0.140	0.0321
PFEESA	U	0.279	ng/g	1	.4	0.279	0.0544
PFHpA	J	0.0618	ng/g	1	.2	0.140	0.0279
PFHpS	U	0.140	ng/g	1	.2	0.140	0.0384
PFHxA	J	0.0461	ng/g	1	.2	0.140	0.0321
Total PFHxS	U	0.140	ng/g	1	.2	0.140	0.00488
PFMBA	U	0.279	ng/g	1	.4	0.279	0.0572
PFMPA	U	0.279	ng/g	1	.4	0.279	0.0823
Total PFNA	U	0.140	ng/g	1	.2	0.140	0.00976
PFNS	U	0.140	ng/g	1	.2	0.140	0.0370
Total PFOA		0.251	ng/g	1	.2	0.140	0.0195
PFOS	J	0.111	ng/g	1	.2	0.140	0.0412
PFOSA	U	0.140	ng/g	1	.2	0.140	0.0223

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-18
Client ID: DUP-20251001
Matrix: SL
Lab File ID: 2LC04270

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.279	ng/g	1	.4	0.279	0.0586
PFPeS	U	0.140	ng/g	1	.2	0.140	0.0258
PFTeDA	U	0.140	ng/g	1	.2	0.140	0.0649
PFTrDA	U	0.140	ng/g	1	.2	0.140	0.0377
PFUnA	U	0.140	ng/g	1	.2	0.140	0.0265
M-4:2 FTS-13C2		95.8	%				
M-6:2 FTS-13C2		102.	%				
M-8:2 FTS-13C2		89.3	%				
M-GenX-13C3 (HFPO-DA)		90.6	%				
M-NEtFOSAA-D5		89.0	%				
M-NEtFOSA-D5		55.4	%				
M-NEtFOSE-D9		74.5	%				
M-NMeFOSAA-D3		49.5	%				
M-NMeFOSA-D3		64.0	%				
M-NMeFOSE-D7		73.2	%				
M-PFBA-13C4		101.	%				
M-PFBS-13C3		91.6	%				
M-PFDA-13C6		91.1	%				
M-PFDoA-13C2		85.0	%				
M-PFHpA-13C4		84.5	%				
M-PFHxA-13C5		90.9	%				
M-PFHxS-13C3		89.1	%				
M-PFNA-13C9		85.1	%				
M-PFOA-13C8		87.8	%				
M-PFOS-13C8		86.8	%				
M-PFOSA-13C8		87.8	%				
M-PFPeA-13C5		87.8	%				
M-PFTeDA-13C2		96.8	%				
M-PFUnA-13C7		94.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-18
Client ID: DUP-20251001
Lab File ID: 2LC04270

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		249	3	2.073	1.042-3.12	1.037-3.11
PFHxA		68	3	9.143	4.616-13.8	4.534-13.6
PFOA		277	3	1.584	.804-2.411	.78-2.34
PFOS	I	204	3	2.561	.878-2.634	.849-2.546

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-19
Client ID: FB-20251001
Matrix: AQ
Lab File ID: 1LC07916

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.44	ng/L	1	8	7.44	1.17
3:3FTCA	U	9.30	ng/L	1	10	9.30	2.40
4:2 FTS	U	7.44	ng/L	1	8	7.44	1.99
5:3FTCA	U	46.5	ng/L	1	50	46.5	9.39
6:2 FTS	U	7.44	ng/L	1	8	7.44	2.03
7:3FTCA	U	46.5	ng/L	1	50	46.5	10.2
8:2 FTS	U	7.44	ng/L	1	8	7.44	1.07
9Cl-PF3ONS	U	7.44	ng/L	1	8	7.44	1.39
ADONA	U	7.44	ng/L	1	8	7.44	2.76
GenX (HFPO-DA)	U	7.44	ng/L	1	8	7.44	3.67
NEtFOSA	U	1.86	ng/L	1	2	1.86	0.167
NEtFOSAA	U	1.86	ng/L	1	2	1.86	0.688
NEtFOSE	U	18.6	ng/L	1	20	18.6	4.77
NFDHA	U	3.72	ng/L	1	4	3.72	1.39
NMeFOSA	U	1.86	ng/L	1	2	1.86	0.214
NMeFOSAA	U	1.86	ng/L	1	2	1.86	0.725
NMeFOSE	U	18.6	ng/L	1	20	18.6	5.52
PFBA	U	7.44	ng/L	1	8	7.44	2.33
PFBS	U	1.86	ng/L	1	2	1.86	0.679
PFDA	U	1.86	ng/L	1	2	1.86	0.669
PFDoA	U	1.86	ng/L	1	2	1.86	0.372
PFDoS	U	1.86	ng/L	1	2	1.86	0.456
PFDS	U	1.86	ng/L	1	2	1.86	0.390
PFEESA	U	3.72	ng/L	1	4	3.72	1.26
PFHpA	U	1.86	ng/L	1	2	1.86	0.493
PFHpS	U	1.86	ng/L	1	2	1.86	0.362
PFHxA	U	1.86	ng/L	1	2	1.86	0.586
Total PFHxS	U	1.86	ng/L	1	2	1.86	0.112
PFMBA	U	3.72	ng/L	1	4	3.72	1.12
PFMPA	U	3.72	ng/L	1	4	3.72	1.19
Total PFNA	U	1.86	ng/L	1	2	1.86	0.214
PFNS	U	1.86	ng/L	1	2	1.86	0.511
Total PFOA	U	1.86	ng/L	1	2	1.86	0.130
PFOS	U	1.86	ng/L	1	2	1.86	0.493
PFOSA	U	1.86	ng/L	1	2	1.86	0.660

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-19
Client ID: FB-20251001
Matrix: AQ
Lab File ID: 1LC07916

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.72	ng/L	1	4	3.72	1.10
PFPeS	U	1.86	ng/L	1	2	1.86	0.576
PFTeDA	U	1.86	ng/L	1	2	1.86	0.344
PFTrDA	U	1.86	ng/L	1	2	1.86	0.530
PFUnA	U	1.86	ng/L	1	2	1.86	0.418
M-4:2 FTS-13C2		100.	%				
M-6:2 FTS-13C2		99.2	%				
M-8:2 FTS-13C2		95.3	%				
M-GenX-13C3 (HFPO-DA)		87.4	%				
M-NEtFOSAA-D5		65.9	%				
M-NEtFOSA-D5		32.5	%				
M-NEtFOSE-D9		68.7	%				
M-NMeFOSAA-D3		88.1	%				
M-NMeFOSA-D3		36.6	%				
M-NMeFOSE-D7		77.3	%				
M-PFBA-13C4		107.	%				
M-PFBS-13C3		106.	%				
M-PFDA-13C6		98.1	%				
M-PFDoA-13C2		96.8	%				
M-PFHpA-13C4		101.	%				
M-PFHxA-13C5		97.2	%				
M-PFHxS-13C3		99.7	%				
M-PFNA-13C9		101.	%				
M-PFOA-13C8		103.	%				
M-PFOS-13C8		97.2	%				
M-PFOSA-13C8		78.6	%				
M-PFPeA-13C5		102.	%				
M-PFTeDA-13C2		59.7	%				
M-PFUnA-13C7		102.	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-20
Client ID: EB-20251001
Matrix: AQ
Lab File ID: 1LC07917

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.80	ng/L	1	8	7.80	1.23
3:3FTCA	U	9.75	ng/L	1	10	9.75	2.52
4:2 FTS	U	7.80	ng/L	1	8	7.80	2.09
5:3FTCA	U	48.8	ng/L	1	50	48.8	9.85
6:2 FTS	U	7.80	ng/L	1	8	7.80	2.12
7:3FTCA	U	48.8	ng/L	1	50	48.8	10.7
8:2 FTS	U	7.80	ng/L	1	8	7.80	1.12
9Cl-PF3ONS	U	7.80	ng/L	1	8	7.80	1.46
ADONA	U	7.80	ng/L	1	8	7.80	2.90
GenX (HFPO-DA)	U	7.80	ng/L	1	8	7.80	3.85
NEtFOSA	U	1.95	ng/L	1	2	1.95	0.176
NEtFOSAA	U	1.95	ng/L	1	2	1.95	0.722
NEtFOSE	U	19.5	ng/L	1	20	19.5	5.00
NFDHA	U	3.90	ng/L	1	4	3.90	1.46
NMeFOSA	U	1.95	ng/L	1	2	1.95	0.224
NMeFOSAA	U	1.95	ng/L	1	2	1.95	0.760
NMeFOSE	U	19.5	ng/L	1	20	19.5	5.79
PFBA	U	7.80	ng/L	1	8	7.80	2.45
PFBS	U	1.95	ng/L	1	2	1.95	0.712
PFDA	U	1.95	ng/L	1	2	1.95	0.702
PFDoA	U	1.95	ng/L	1	2	1.95	0.390
PFDoS	U	1.95	ng/L	1	2	1.95	0.478
PFDS	U	1.95	ng/L	1	2	1.95	0.410
PFEESA	U	3.90	ng/L	1	4	3.90	1.32
PFHpA	U	1.95	ng/L	1	2	1.95	0.517
PFHpS	U	1.95	ng/L	1	2	1.95	0.380
PFHxA	U	1.95	ng/L	1	2	1.95	0.614
Total PFHxS	U	1.95	ng/L	1	2	1.95	0.117
PFMBA	U	3.90	ng/L	1	4	3.90	1.17
PFMPA	U	3.90	ng/L	1	4	3.90	1.25
Total PFNA	U	1.95	ng/L	1	2	1.95	0.224
PFNS	U	1.95	ng/L	1	2	1.95	0.536
Total PFOA	U	1.95	ng/L	1	2	1.95	0.136
PFOS	U	1.95	ng/L	1	2	1.95	0.517
PFOSA	U	1.95	ng/L	1	2	1.95	0.692

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-20
Client ID: EB-20251001
Matrix: AQ
Lab File ID: 1LC07917

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.90	ng/L	1	4	3.90	1.15
PFPeS	U	1.95	ng/L	1	2	1.95	0.604
PFTeDA	U	1.95	ng/L	1	2	1.95	0.361
PFTrDA	U	1.95	ng/L	1	2	1.95	0.556
PFUnA	U	1.95	ng/L	1	2	1.95	0.439
M-4:2 FTS-13C2		108.	%				
M-6:2 FTS-13C2		105.	%				
M-8:2 FTS-13C2		90.9	%				
M-GenX-13C3 (HFPO-DA)		83.2	%				
M-NEtFOSAA-D5		54.5	%				
M-NEtFOSA-D5		26.7	%				
M-NEtFOSE-D9		57.4	%				
M-NMeFOSAA-D3		76.0	%				
M-NMeFOSA-D3		30.1	%				
M-NMeFOSE-D7		62.6	%				
M-PFBA-13C4		107.	%				
M-PFBS-13C3		107.	%				
M-PFDA-13C6		90.9	%				
M-PFDoA-13C2		85.3	%				
M-PFHpA-13C4		94.5	%				
M-PFHxA-13C5		93.3	%				
M-PFHxS-13C3		102.	%				
M-PFNA-13C9		99.3	%				
M-PFOA-13C8		97.6	%				
M-PFOS-13C8		80.6	%				
M-PFOSA-13C8		65.3	%				
M-PFPeA-13C5		101.	%				
M-PFTeDA-13C2		62.7	%				
M-PFUnA-13C7		87.3	%				

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Report of Analytical Results

Lab Sample ID: SS5847-1
Client ID: 2SB-01 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:10	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	88. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:05	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-2
Client ID: 2SB-01 5-7.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	87. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-3
Client ID: 2SB-01 7.5-10
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:00	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	85. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-4
Client ID: 2SB-02 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 09:10	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	86. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-5
Client ID: 2SB-02 5-7.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:10	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	90. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-6
Client ID: 2SB-02 7.5-10
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:20	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	70. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-7
Client ID: 2SB-03 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	84. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-8
Client ID: 2SB-03 10-12.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:35	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	89. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-9
Client ID: 2SB-03 12.5-15
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:35	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	89. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-10
Client ID: 2SB-04 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 15:30	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	83. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

Report of Analytical Results

Lab Sample ID: SS5847-11
Client ID: 2SB-04 0-5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 14:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	86. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:20	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-12
Client ID: 2SB-04 10-15
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 14:50	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	93. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-13
Client ID: 2SB-05 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 12:45	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	78. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-14
Client ID: 2SB-05 5-7
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 14:30	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	87. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-15
Client ID: 2SB-06 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	68. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-16
Client ID: 2SB-06 0-2.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 12:30	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	86. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-17
Client ID: 2SB-06 7.5-10
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 12:38	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	92. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:07	SW846 3540C	07-OCT-25	

Report of Analytical Results

Lab Sample ID: SS5847-18
Client ID: DUP-20251001
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 00:00	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	85. %	1.0	1.0	SW846 3540C	WG377724	09-OCT-25 08:29	SW846 3540C	08-OCT-25	

PFAS DATA

QC Summary Section

Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** AQ

Client Sample ID	Lab Sample ID	Col. ID	FOSA #	FOSAA #	FOSE #	M-4:2F #	M-6:2F #	M-8:2F #	M-FHxA #
FB-20251001	SS5847-19		32.5	65.9	68.7	100.	99.2	95.3	97.2
EB-20251001	SS5847-20		26.7	54.5	57.4	108.	105.	90.9	93.3
Method Blank	WG377630-1		18.8	70.7	55.4	94.8	90.5	88.3	84.3
Laboratory Control S	WG377630-2		20.7	71.3	61.3	99.9	98.5	99.2	92.9
Laboratory Control S	WG377630-3		23.8	69.2	68.1	95.6	95.0	96.1	95.9

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** AQ

Client Sample ID	Lab Sample ID	Col. ID	M-GenX #	M-PFBA #	M-PFBS #	M-PFDA #	M-PFDO #	M-PFHp. #	M-PFHx! #
FB-20251001	SS5847-19		87.4	107.	106.	98.1	96.8	101.	99.7
EB-20251001	SS5847-20		83.2	107.	107.	90.9	85.3	94.5	102.
Method Blank	WG377630-1		82.1	106.	93.4	88.5	94.0	84.3	87.6
Laboratory Control S	WG377630-2		83.7	106.	100.	97.7	99.7	91.2	97.9
Laboratory Control S	WG377630-3		81.3	106.	101.	99.0	107.	95.2	99.1

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** AQ

Client Sample ID	Lab Sample ID	Col. ID	M-PFNA #	M-PFOA #	M-PFOS #	M-PFUn. #	PFOSAC #	PFPeAC: #	PFTeDA. #
FB-20251001	SS5847-19		101.	103.	97.2	102.	78.6	102.	59.7
EB-20251001	SS5847-20		99.3	97.6	80.6	87.3	65.3	101.	62.7
Method Blank	WG377630-1		90.8	88.4	90.9	96.4	69.8	88.2	65.0
Laboratory Control S	WG377630-2		96.7	97.4	98.8	108.	72.6	96.6	62.0
Laboratory Control S	WG377630-3		102.	99.8	95.1	101.	79.6	98.5	58.6

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** AQ

Client Sample ID	Lab Sample ID	Col. ID	eFOSA #	eFOSAA #	eFOSE #
FB-20251001	SS5847-19		36.6	88.1	77.3
EB-20251001	SS5847-20		30.1	76.0	62.6
Method Blank	WG377630-1		22.4	111.	63.6
Laboratory Control S	WG377630-2		24.0	99.8	66.6
Laboratory Control S	WG377630-3		27.3	102.	76.1

Abbr.	Surrogate Compound	QC Limits
FOSA	M-NEtFOSA-D5	10-130
FOSAA	M-NEtFOSAA-D5	25-135
FOSE	M-NEtFOSE-D9	10-130
M-4:2F	M-4:2 FTS-13C2	40-200
M-6:2F	M-6:2 FTS-13C2	40-200
M-8:2F	M-8:2 FTS-13C2	40-300
M-FHxA5	M-PFHxA-13C5	40-130
M-GenX	M-GenX-13C3 (HFPO-DA)	40-130
M-PFBA	M-PFBA-13C4	5-130
M-PFBS	M-PFBS-13C3	40-135
M-PFDA6	M-PFDA-13C6	40-130
M-PFDOA	M-PFDoA-13C2	10-130
M-PFHpA	M-PFHpA-13C4	40-130
M-PFHxS	M-PFHxS-13C3	40-130
M-PFNA	M-PFNA-13C9	40-130
M-PFOA	M-PFOA-13C8	40-130
M-PFOS	M-PFOS-13C8	40-130
M-PFPEA	M-PFPeA-13C5	40-130
M-PFUnA	M-PFUnA-13C7	30-130
PFOSAC8	M-PFOSA-13C8	40-130
PFPeAC5	M-PFPeA-13C5	40-130
PFTeDA2	M-PFTeDA-13C2	10-130

Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** AQ

eFOSA	M-NMeFOSA-D3	10-130
eFOSAA	M-NMeFOSAA-D3	40-170
eFOSE	M-NMeFOSE-D7	10-130

= Column to be used to flag recovery limits.
* = Values outside of contract required QC limits.
D= System Monitoring Compound diluted out.

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** SL

Client Sample ID	Lab Sample ID	Col. ID	FOSA	#	FOSAA	#	FOSE	#	M-4:2F	#	M-6:2F	#	M-8:2F	#	M-FHxA	#
2SB-01 SURF	SS5847-1		60.9		108.		63.1		86.3		86.6		87.1		80.0	
2SB-01 5-7.5	SS5847-2RA		48.8		33.9	*	61.6		61.6		63.5		57.0		60.8	
2SB-01 5-7.5	SS5847-2RE		45.7		33.2	*	71.3		65.4		65.9		61.8		59.5	
2SB-01 7.5-10	SS5847-3		51.6		83.8		55.4		84.0		80.2		79.4		77.0	
2SB-02 SURF	SS5847-4		59.4		140.		66.0		106.		97.7		160.		90.7	
2SB-02 5-7.5	SS5847-5		54.1		87.2		59.8		82.4		81.4		78.6		77.3	
2SB-02 7.5-10	SS5847-6		47.3		87.8		52.2		82.5		82.6		76.8		76.0	
2SB-03 SURF	SS5847-7		64.6		125.		71.3		102.		100.		134.		94.9	
2SB-03 10-12.5	SS5847-8		63.7		101.		68.8		93.2		97.4		88.2		89.9	
2SB-03 12.5-15	SS5847-9RE		42.8		54.9		62.0		80.7		82.3		71.5		68.4	
2SB-04 SURF	SS5847-10		60.4		116.		59.1		94.0		93.2		107.		86.7	
2SB-04 0-5	SS5847-11		63.7		107.		67.4		92.7		94.6		105.		87.1	
2SB-04 10-15	SS5847-12		71.2		99.1		72.6		93.3		99.1		83.3		87.6	
2SB-05 SURF	SS5847-13		59.2		136.		51.9		112.		98.1		181.		89.0	
2SB-05 5-7	SS5847-14		58.7		90.3		64.6		90.0		92.2		83.4		77.6	
2SB-06 SURF	SS5847-15		56.6		122.		55.0		107.		87.3		161.		77.7	
2SB-06 0-2.5	SS5847-16		51.5		95.6		65.5		100.		95.9		88.5		82.0	
2SB-06 7.5-10	SS5847-17		65.3		96.6		82.4		96.4		102.		91.1		88.5	
DUP-20251001	SS5847-18		55.4		89.0		74.5		95.8		102.		89.3		90.9	
Method Blank	WG377689-1		75.7		119.		65.4		98.9		93.4		94.0		92.6	
Laboratory Control S	WG377689-2		72.0		112.		67.4		96.4		96.1		88.9		91.6	
Laboratory Control S	WG377689-3		76.9		115.		71.2		100.		99.8		94.1		96.1	
Method Blank	WG377832-1		58.1		82.5		72.1		97.8		96.1		84.5		87.3	
Laboratory Control S	WG377832-2		60.2		79.2		81.6		104.		104.		91.7		91.8	
Laboratory Control S	WG377832-3		53.5		73.8		70.5		88.0		86.7		80.0		77.2	

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** SL

Client Sample ID	Lab Sample ID	Col. ID	M-GenX #	M-PFBA #	M-PFBS #	M-PFDA #	M-PFDO #	M-PFHp #	M-PFHx #
2SB-01 SURF	SS5847-1		71.0	98.6	74.3	87.3	87.8	77.9	79.7
2SB-01 5-7.5	SS5847-2RA		66.1	101.	68.4	63.0	56.8	63.8	66.0
2SB-01 5-7.5	SS5847-2RE		86.4	107.	66.6	63.9	55.8	67.6	71.0
2SB-01 7.5-10	SS5847-3		77.5	98.5	79.8	79.1	71.0	73.0	79.9
2SB-02 SURF	SS5847-4		77.4	99.0	98.0	94.5	103.	85.7	93.4
2SB-02 5-7.5	SS5847-5		76.8	98.6	85.6	83.1	77.9	73.9	83.1
2SB-02 7.5-10	SS5847-6		69.8	98.6	77.4	80.2	74.9	72.2	77.2
2SB-03 SURF	SS5847-7		84.2	98.7	97.5	102.	107.	89.0	92.7
2SB-03 10-12.5	SS5847-8		79.3	98.8	89.3	95.8	92.1	85.9	91.3
2SB-03 12.5-15	SS5847-9RE		87.7	106.	74.3	76.2	67.5	77.7	78.2
2SB-04 SURF	SS5847-10		80.2	98.9	90.4	90.9	93.2	82.7	86.0
2SB-04 0-5	SS5847-11		77.3	99.9	83.1	92.1	92.2	80.1	83.9
2SB-04 10-15	SS5847-12		83.0	99.4	85.1	90.6	83.9	82.5	90.5
2SB-05 SURF	SS5847-13		80.5	99.5	86.3	92.6	101.	82.0	84.1
2SB-05 5-7	SS5847-14		73.6	99.3	80.2	87.4	86.5	73.1	80.5
2SB-06 SURF	SS5847-15		71.3	99.6	80.7	81.7	87.4	73.8	79.0
2SB-06 0-2.5	SS5847-16		79.2	100.	83.0	88.8	87.0	76.1	83.6
2SB-06 7.5-10	SS5847-17		89.7	100.	83.7	92.2	89.8	83.1	86.0
DUP-20251001	SS5847-18		90.6	101.	91.6	91.1	85.0	84.5	89.1
Method Blank	WG377689-1		93.4	98.4	97.5	93.9	88.4	89.5	92.4
Laboratory Control S	WG377689-2		82.4	99.3	90.3	94.4	94.0	86.0	91.6
Laboratory Control S	WG377689-3		86.5	99.0	98.3	95.6	94.2	90.1	94.0
Method Blank	WG377832-1		92.0	101.	92.6	89.7	80.5	90.2	88.2
Laboratory Control S	WG377832-2		104.	101.	91.5	101.	88.1	97.0	94.2
Laboratory Control S	WG377832-3		85.5	102.	77.3	82.2	75.8	81.7	81.2

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** SL

Client Sample ID	Lab Sample ID	Col. ID	M-PFNA #	M-PFOA #	M-PFOS #	M-PFUn. #	PFOSAC #	PFPeAC: #	PFTeDA. #
2SB-01 SURF	SS5847-1		82.1	83.2	81.3	89.6	79.9	78.5	79.4
2SB-01 5-7.5	SS5847-2RA		63.2	62.0	66.9	66.2	58.9	65.0	52.3
2SB-01 5-7.5	SS5847-2RE		69.8	66.5	76.6	64.6	67.1	73.0	49.7
2SB-01 7.5-10	SS5847-3		78.7	79.7	76.4	76.7	77.5	82.2	63.0
2SB-02 SURF	SS5847-4		96.4	93.0	93.3	102.	91.1	93.2	108.
2SB-02 5-7.5	SS5847-5		79.5	80.9	80.1	82.9	76.5	80.9	69.2
2SB-02 7.5-10	SS5847-6		78.8	77.5	77.7	81.5	73.7	78.7	72.8
2SB-03 SURF	SS5847-7		98.6	95.7	95.8	110.	88.1	95.5	116.
2SB-03 10-12.5	SS5847-8		91.8	91.8	92.9	94.9	89.1	93.4	84.4
2SB-03 12.5-15	SS5847-9RE		79.4	76.3	75.9	73.0	70.0	85.4	60.4
2SB-04 SURF	SS5847-10		86.4	88.2	89.4	91.3	85.7	86.6	92.8
2SB-04 0-5	SS5847-11		86.2	88.2	84.6	92.9	80.5	84.0	100.
2SB-04 10-15	SS5847-12		84.7	88.0	90.4	91.5	87.5	86.8	91.7
2SB-05 SURF	SS5847-13		83.1	86.6	87.3	98.7	98.1	84.6	110.
2SB-05 5-7	SS5847-14		77.0	80.1	81.7	87.2	78.9	74.7	91.8
2SB-06 SURF	SS5847-15		76.8	78.0	81.4	83.1	85.9	74.5	102.
2SB-06 0-2.5	SS5847-16		80.7	82.6	82.3	89.8	78.9	78.5	101.
2SB-06 7.5-10	SS5847-17		83.0	87.7	87.4	93.2	84.8	83.4	103.
DUP-20251001	SS5847-18		85.1	87.8	86.8	94.2	87.8	87.8	96.8
Method Blank	WG377689-1		95.4	93.7	91.1	96.6	93.3	97.7	72.0
Laboratory Control S	WG377689-2		93.6	93.3	86.8	101.	89.0	93.7	79.2
Laboratory Control S	WG377689-3		96.7	96.6	92.7	98.2	96.0	96.3	78.5
Method Blank	WG377832-1		91.2	89.2	91.1	92.6	88.7	93.6	65.6
Laboratory Control S	WG377832-2		97.2	98.1	95.3	98.9	91.9	99.2	69.3
Laboratory Control S	WG377832-3		82.6	83.0	86.7	85.3	81.4	81.8	64.3

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** SL

Client Sample ID	Lab Sample ID	Col. ID	eFOSA	#	eFOSAA	#	eFOSE	#
2SB-01 SURF	SS5847-1		69.1		52.5		62.7	
2SB-01 5-7.5	SS5847-2RA		54.8		29.2	*	61.0	
2SB-01 5-7.5	SS5847-2RE		52.7		27.3	*	64.9	
2SB-01 7.5-10	SS5847-3		59.7		43.3		59.2	
2SB-02 SURF	SS5847-4		64.2		74.6		70.1	
2SB-02 5-7.5	SS5847-5		62.6		42.6		60.9	
2SB-02 7.5-10	SS5847-6		57.1		45.5		58.1	
2SB-03 SURF	SS5847-7		71.3		70.4		74.5	
2SB-03 10-12.5	SS5847-8		71.2		52.2		71.7	
2SB-03 12.5-15	SS5847-9RE		52.4		51.8		59.7	
2SB-04 SURF	SS5847-10		69.6		65.6		68.9	
2SB-04 0-5	SS5847-11		70.3		58.2		66.7	
2SB-04 10-15	SS5847-12		79.5		55.9		72.6	
2SB-05 SURF	SS5847-13		69.7		78.4		69.8	
2SB-05 5-7	SS5847-14		66.6		46.1		65.0	
2SB-06 SURF	SS5847-15		63.2		69.9		59.3	
2SB-06 0-2.5	SS5847-16		56.9		53.5		65.0	
2SB-06 7.5-10	SS5847-17		71.6		51.6		78.3	
DUP-20251001	SS5847-18		64.0		49.5		73.2	
Method Blank	WG377689-1		82.0		63.9		68.0	
Laboratory Control S	WG377689-2		76.7		57.6		69.7	
Laboratory Control S	WG377689-3		84.2		60.1		75.5	
Method Blank	WG377832-1		68.6		83.2		71.9	
Laboratory Control S	WG377832-2		71.2		78.4		80.4	
Laboratory Control S	WG377832-3		63.6		72.2		70.7	

Abbr.	Surrogate Compound	QC Limits
FOSA	M-NEtFOSA-D5	10-130
FOSAA	M-NEtFOSAA-D5	40-150
FOSE	M-NEtFOSE-D9	15-130
M-4:2F	M-4:2 FTS-13C2	40-165
M-6:2F	M-6:2 FTS-13C2	40-215
M-8:2F	M-8:2 FTS-13C2	40-275
M-FHxA5	M-PFHxA-13C5	40-130
M-GenX	M-GenX-13C3 (HFPO-DA)	40-130

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **SDG:** SS5847 **Matrix:** SL

M-PFBA	M-PFBA-13C4	8-130
M-PFBS	M-PFBS-13C3	40-135
M-PFDA6	M-PFDA-13C6	40-130
M-PFDOA	M-PFDoA-13C2	40-130
M-PFHpA	M-PFHpA-13C4	40-130
M-PFHxS	M-PFHxS-13C3	40-130
M-PFNA	M-PFNA-13C9	40-130
M-PFOA	M-PFOA-13C8	40-130
M-PFOS	M-PFOS-13C8	40-130
M-PFPEA	M-PFPeA-13C5	35-130
M-PFUnA	M-PFUnA-13C7	40-130
PFOSAC8	M-PFOSA-13C8	40-130
PFPeAC5	M-PFPeA-13C5	35-130
PFTeDA2	M-PFTeDA-13C2	20-130
eFOSA	M-NMeFOSA-D3	10-130
eFOSAA	M-NMeFOSAA-D3	40-135
eFOSE	M-NMeFOSE-D7	20-130

= Column to be used to flag recovery limits.
* = Values outside of contract required QC limits.
D= System Monitoring Compound diluted out.

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Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 1LC07913
Instrument ID : LCMS-1
Matrix : AQ
Extraction method : 1633A

SDG : SS5847
Lab Sample ID : WG377630-1
Date Extracted : 07-OCT-25
Date Analyzed : 07-OCT-25
Time Analyzed : 19:50

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG377630-2	1LC07914	10/07/25	20:03
Laboratory Control S	WG377630-3	1LC07915	10/07/25	20:16
FB-20251001	SS5847-19	1LC07916	10/07/25	20:28
EB-20251001	SS5847-20	1LC07917	10/07/25	20:41

Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 2LC04248
Instrument ID : LCMS-2
Matrix : SL
Extraction method : 1633A

SDG : SS5847
Lab Sample ID : WG377689-1
Date Extracted : 09-OCT-25
Date Analyzed : 09-OCT-25
Time Analyzed : 15:55

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG377689-2	2LC04249	10/09/25	16:07
Laboratory Control S	WG377689-3	2LC04250	10/09/25	16:20
2SB-01 SURF	SS5847-1	2LC04251	10/09/25	16:32
2SB-01 7.5-10	SS5847-3	2LC04253	10/09/25	17:53
2SB-02 SURF	SS5847-4	2LC04254	10/09/25	18:06
2SB-02 5-7.5	SS5847-5	2LC04255	10/09/25	18:18
2SB-02 7.5-10	SS5847-6	2LC04256	10/09/25	18:31
2SB-03 SURF	SS5847-7	2LC04257	10/09/25	18:43
2SB-03 10-12.5	SS5847-8	2LC04258	10/09/25	18:56
2SB-04 SURF	SS5847-10	2LC04260	10/09/25	19:21
2SB-04 0-5	SS5847-11	2LC04263	10/09/25	19:59
2SB-04 10-15	SS5847-12	2LC04264	10/09/25	20:12
2SB-05 SURF	SS5847-13	2LC04265	10/09/25	20:24
2SB-05 5-7	SS5847-14	2LC04266	10/09/25	20:37
2SB-06 SURF	SS5847-15	2LC04267	10/09/25	20:50
2SB-06 0-2.5	SS5847-16	2LC04268	10/09/25	21:02
2SB-06 7.5-10	SS5847-17	2LC04269	10/09/25	21:15
DUP-20251001	SS5847-18	2LC04270	10/09/25	21:27
2SB-01 5-7.5	SS5847-2RA	2LC04376	10/11/25	00:46

Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 2LC04378
Instrument ID : LCMS-2
Matrix : SL
Extraction method : 1633A

SDG : SS5847
Lab Sample ID : WG377832-1
Date Extracted : 10-OCT-25
Date Analyzed : 11-OCT-25
Time Analyzed : 01:11

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG377832-2	2LC04379	10/11/25	01:24
Laboratory Control S	WG377832-3	2LC04380	10/11/25	01:36
2SB-01 5-7.5	SS5847-2RE	2LC04394	10/11/25	04:33
2SB-03 12.5-15	SS5847-9RE	2LC04395	10/11/25	04:46

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377461-4
Analytical Date: 10/03/25 13:46
Midpoint Lab File ID : 1LC07823
Instrument ID: LCMS-1

			13C3-PFBA				13C2-PFHXA				13C4-PFOA			
			Area			Midpoint RT	Area			Midpoint RT	Area			Midpoint RT
		ICAL Average	100427658			2.29	35039978			4.86	34635852			6.49
		Upper Limit	200855316			2.69	70079956			5.26	69271704			6.89
		Lower Limit	50213829			1.89	17519989			4.46	17317926			6.09
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT #	Area	#	%	RT #	Area	#	%	RT #
System Solvent Blank	WG377461-10	1	128475906.2		128	2.29	39794114.6		114	4.86	34577712.4		100	6.48
Initial Calibration	WG377461-8	1	118843167		118	2.29	39695483		113	4.86	36035361.2		104	6.48
Initial Calibration	WG377461-1	1	111224276.9		111	2.29	38235294.7		109	4.86	36003934.9		104	6.48
Initial Calibration	WG377461-2	1	101974139.1		102	2.28	37009399.7		106	4.85	35289801.7		102	6.48
Initial Calibration	WG377461-3	1	99648436.6		99	2.29	36539270.4		104	4.86	36047237.9		104	6.49
Initial Calibration	WG377461-4	1	98614967.2		98	2.29	35286170		101	4.86	34946726.8		101	6.49
Initial Calibration	WG377461-5	1	97296960.9		97	2.29	34834139.7		99	4.86	34579589.1		100	6.48
Initial Calibration	WG377461-6	1	93992483.8		94	2.28	32522612.9		93	4.85	33351773.6		96	6.48
Initial Calibration	WG377461-7	1	81826836.1		81	2.28	26197453.3		75	4.86	30832386.9		89	6.48
System Solvent Blank	WG377461-11	1	110090350.5		110	2.29	35300416.1		101	4.86	34966889		101	6.49
Independent Source	WG377461-9	1	103378082.2		103	2.30	36450200.2		104	4.86	36297672		105	6.50
System Solvent Blank	WG377657-1	1	124018221		123	2.30	43800497.4		125	4.86	40133275.4		116	6.50
Low Level Cont. Cal.	WG377657-2	1	118827431.1		118	2.30	46233383		132	4.86	42832234.8		124	6.50
Continuing Calibrati	WG377657-4	1	97956290.8		98	2.29	38670580.1		110	4.86	36562440.6		106	6.50
System Solvent Blank	WG377657-5	1	126896901.2		126	2.30	45642150.3		130	4.86	42771172.4		123	6.51
Method Blank	WG377630-1	1	102125268.9		102	2.32	43056376.5		123	4.87	39958452.2		115	6.52
Laboratory Control S	WG377630-2	1	108577318.9		108	2.31	43496221.8		124	4.86	40410179.2		117	6.51
Laboratory Control S	WG377630-3	1	104640124.1		104	2.32	40962734		117	4.87	39661053.4		115	6.52
FB-20251001	SS5847-19	1	104740148.6		104	2.30	40421829.4		115	4.86	38886648.2		112	6.51
EB-20251001	SS5847-20	1	99087133		99	2.30	39377446.8		112	4.86	38013663.7		110	6.51
Continuing Calibrati	WG377657-6	1	100944463.4		101	2.29	40083653.8		114	4.86	37925645.9		109	6.50
System Solvent Blank	WG377657-7	1	127384006.7		127	2.30	46348944.9		132	4.86	44344198.7		128	6.50

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area
RT Upper Limit = +24 seconds of Midpoint internal standard RT
RT Lower Limit = -24 seconds of Midpoint internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.
% Area Ratio = 100*DF*Area/(ICAL Average Area)

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377461-4
Analytical Date: 10/03/25 13:46
Midpoint Lab File ID : 1LC07823
Instrument ID: LCMS-1

			18O2-PFHXS				13C5-PFNA				13C2-PFDA			
			Area			Midpoint RT	Area			Midpoint RT	Area			Midpoint RT
			23151733			6.66	16483171			7.52	13224840			7.86
		Upper Limit	46303466			7.06	32966342			7.92	26449680			8.26
		Lower Limit	11575866.5			6.26	8241585.5			7.12	6612420			7.46
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT #	Area	#	%	RT #	Area	#	%	RT #
System Solvent Blank	WG377461-10	1	23220736.6		100	6.66	16089441		98	7.52	13554936.4		102	7.85
Initial Calibration	WG377461-8	1	24182363.1		104	6.65	16407251.1		100	7.52	13987719.5		106	7.85
Initial Calibration	WG377461-1	1	24517533.3		106	6.65	16632827.3		101	7.52	14190724.2		107	7.85
Initial Calibration	WG377461-2	1	24083305.8		104	6.65	17355626.4		105	7.51	13776312.4		104	7.84
Initial Calibration	WG377461-3	1	24177584.4		104	6.66	17476734.7		106	7.52	13858196.5		105	7.86
Initial Calibration	WG377461-4	1	23919780.4		103	6.66	16913382		103	7.52	13957574.8		106	7.86
Initial Calibration	WG377461-5	1	23096906.6		100	6.65	16927222.7		103	7.52	13504783.5		102	7.85
Initial Calibration	WG377461-6	1	22036132.6		95	6.65	16070481.6		97	7.51	12462318.2		94	7.85
Initial Calibration	WG377461-7	1	19200254.6		83	6.65	14081843.2		85	7.52	10061090.1		76	7.85
System Solvent Blank	WG377461-11	1	23493549		101	6.65	17009187.1		103	7.52	13995062.9		106	7.85
Independent Source	WG377461-9	1	23329932.8		101	6.66	16985766.2		103	7.53	14796764.9		112	7.86
System Solvent Blank	WG377657-1	1	26600563.1		115	6.67	19160215.7		116	7.53	16582622.4		125	7.86
Low Level Cont. Cal.	WG377657-2	1	27401481.9		118	6.67	20547878.7		125	7.53	18439918.5		139	7.85
Continuing Calibrati	WG377657-4	1	24095485.1		104	6.66	17226849.8		105	7.52	15055119.7		114	7.85
System Solvent Blank	WG377657-5	1	27234790.2		118	6.67	20227526.5		123	7.53	16938264.3		128	7.86
Method Blank	WG377630-1	1	25108817.3		108	6.68	19599357.1		119	7.54	16810161.4		127	7.86
Laboratory Control S	WG377630-2	1	25632853.5		111	6.67	20013137.8		121	7.53	16448751.6		124	7.86
Laboratory Control S	WG377630-3	1	24639964.4		106	6.68	18751334.3		114	7.54	15795432.9		119	7.87
FB-20251001	SS5847-19	1	24767184.6		107	6.67	19102914.7		116	7.53	16049626.5		121	7.85
EB-20251001	SS5847-20	1	23639027.6		102	6.67	18554460.1		113	7.53	16116207.1		122	7.85
Continuing Calibrati	WG377657-6	1	23704300.3		102	6.66	18265786.6		111	7.52	16208116.6		123	7.85
System Solvent Blank	WG377657-7	1	27499928		119	6.66	21844127.8		133	7.52	18981108.2		144	7.85

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area
RT Upper Limit = +24 seconds of Midpoint internal standard RT
RT Lower Limit = -24 seconds of Midpoint internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.
% Area Ratio = 100*DF*Area/(ICAL Average Area)

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377461-4
Analytical Date: 10/03/25 13:46
Midpoint Lab File ID : 1LC07823
Instrument ID: LCMS-1

			13C4-PFOS				
			Area			Midpoint RT	
			20618683			7.92	
		Upper Limit	41237366			8.32	
		Lower Limit	10309341.5			7.52	
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT	#
System Solvent Blank	WG377461-10	1	20939836.6		102	7.91	
Initial Calibration	WG377461-8	1	22411359.4		109	7.91	
Initial Calibration	WG377461-1	1	21816898.9		106	7.91	
Initial Calibration	WG377461-2	1	22271976.4		108	7.91	
Initial Calibration	WG377461-3	1	21139364.5		103	7.92	
Initial Calibration	WG377461-4	1	21377776.3		104	7.92	
Initial Calibration	WG377461-5	1	21420354.1		104	7.91	
Initial Calibration	WG377461-6	1	19529018.9		95	7.91	
Initial Calibration	WG377461-7	1	14982719.3		73	7.91	
System Solvent Blank	WG377461-11	1	21675820.2		105	7.91	
Independent Source	WG377461-9	1	21191322.4		103	7.92	
System Solvent Blank	WG377657-1	1	24267316.4		118	7.92	
Low Level Cont. Cal.	WG377657-2	1	27328521.9		133	7.92	
Continuing Calibrati	WG377657-4	1	22916738.8		111	7.91	
System Solvent Blank	WG377657-5	1	25702035.7		125	7.92	
Method Blank	WG377630-1	1	23906385.3		116	7.93	
Laboratory Control S	WG377630-2	1	23883249		116	7.92	
Laboratory Control S	WG377630-3	1	23061889.1		112	7.93	
FB-20251001	SS5847-19	1	23104822.9		112	7.91	
EB-20251001	SS5847-20	1	23452633.6		114	7.91	
Continuing Calibrati	WG377657-6	1	23902218.7		116	7.91	
System Solvent Blank	WG377657-7	1	27364896.6		133	7.91	

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area
RT Upper Limit = +24 seconds of Midpoint internal standard RT
RT Lower Limit = -24 seconds of Midpoint internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.
% Area Ratio = 100*DF*Area/(ICAL Average Area)

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377753-4
Analytical Date: 10/09/25 11:50
Midpoint Lab File ID : 2LC04234
Instrument ID: LCMS-2

			13C3-PFBA				13C2-PFHXA				13C4-PFOA			
			Area			Midpoint RT	Area			Midpoint RT	Area			Midpoint RT
		ICAL Average	113127884			2.52	27065604			5.00	33907125			6.94
		Upper Limit	226255768			2.92	54131208			5.40	67814250			7.34
		Lower Limit	56563942			2.12	13532802			4.60	16953562.5			6.54
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT #	Area	#	%	RT #	Area	#	%	RT #
System Solvent Blank	WG377753-10	1	108053349.2		96	2.52	25339520.66		94	5.00	30933468.43		91	6.95
Initial Calibration	WG377753-8	1	113342527.4		100	2.52	27102741.22		100	5.00	33294253.27		98	6.95
Initial Calibration	WG377753-1	1	117087041.6		103	2.52	27671361.21		102	5.00	33467340.23		99	6.95
Initial Calibration	WG377753-2	1	114963521.8		102	2.53	28055044.95		104	5.00	34291747.40		101	6.95
Initial Calibration	WG377753-3	1	112979043.2		100	2.53	27515694.45		102	5.00	34054929.28		100	6.95
Initial Calibration	WG377753-4	1	113601793.4		100	2.52	26821907.87		99	5.00	33502831.07		99	6.94
Initial Calibration	WG377753-5	1	111955269.3		99	2.52	27150232.06		100	5.00	33381112.67		98	6.94
Initial Calibration	WG377753-6	1	116533070.8		103	2.51	27124334.59		100	4.99	35160950.47		104	6.94
Initial Calibration	WG377753-7	1	104560807.0		92	2.49	25083514.20		93	4.99	34103833.42		101	6.94
System Solvent Blank	WG377753-11	1	128247465.9		113	2.52	30273111.81		112	5.00	36406898.57		107	6.94
Independent Source	WG377753-9	1	123081919.7		109	2.53	31205683.75		115	5.00	38367672.71		113	6.95
System Solvent Blank	WG377753-12	1	129563475.5		115	2.52	30491138.30		113	5.00	36154949.19		107	6.95
Low Level Cont. Cal.	WG377753-13	1	140398710.6		124	2.50	31556246.43		117	4.99	38871984.74		115	6.94
Continuing Calibrati	WG377753-15	1	126894216.0		112	2.52	28907994.84		107	5.00	35959538.15		106	6.94
System Solvent Blank	WG377753-16	1	122987815.8		109	2.51	26355800.28		97	4.99	33030016.87		97	6.94
Method Blank	WG377689-1	1	131897083.0		117	2.52	32562963.22		120	5.00	40580546.65		120	6.95
Laboratory Control S	WG377689-2	1	127825386.5		113	2.53	32571763.65		120	5.00	40071536.60		118	6.95
Laboratory Control S	WG377689-3	1	127483871.5		113	2.52	31658195.91		117	5.00	39967068.76		118	6.95
2SB-01 SURF	SS5847-1	1	112778820.1		100	2.52	34469103.76		127	5.00	43700149.05		129	6.94
2SB-01 7.5-10	SS5847-3	1	108348191.2		96	2.52	33084096.89		122	5.00	40053106.40		118	6.94
2SB-02 SURF	SS5847-4	1	128068140.7		113	2.52	34126749.09		126	5.00	42658593.97		126	6.94
2SB-02 5-7.5	SS5847-5	1	110818248.3		98	2.51	33607796.55		124	4.99	41069018.81		121	6.94
2SB-02 7.5-10	SS5847-6	1	114672967.1		101	2.51	35275012.24		130	4.99	43699868.70		129	6.94
2SB-03 SURF	SS5847-7	1	138310702.5		122	2.51	35144341.33		130	4.99	43076415.69		127	6.93
2SB-03 10-12.5	SS5847-8	1	128440516.0		114	2.51	33360262.36		123	4.99	41360963.76		122	6.93
2SB-04 SURF	SS5847-10	1	124592903.8		110	2.50	33857797.87		125	4.99	42655797.66		126	6.92
Continuing Calibrati	WG377753-17	1	125412156.9		111	2.50	29732192.36		110	4.99	37093662.02		109	6.92
System Solvent Blank	WG377753-18	1	140273297.0		124	2.47	29407847.54		109	4.99	37010981.34		109	6.92
2SB-04 0-5	SS5847-11	1	130365019.1		115	2.51	35989572.72		133	4.99	44429383.63		131	6.92
2SB-04 10-15	SS5847-12	1	134046957.0		118	2.49	34782445.10		129	4.99	43453871.01		128	6.92
2SB-05 SURF	SS5847-13	1	139144277.9		123	2.51	37073843.01		137	4.99	48109791.24		142	6.92
2SB-05 5-7	SS5847-14	1	124080327.8		110	2.51	36608441.39		135	4.99	45369366.01		134	6.92
2SB-06 SURF	SS5847-15	1	111257827.2		98	2.51	32490490.79		120	4.99	41243119.18		122	6.91
2SB-06 0-2.5	SS5847-16	1	128369338.6		113	2.50	35879843.01		133	4.98	44659952.41		132	6.91
2SB-06 7.5-10	SS5847-17	1	133043511.3		118	2.50	34082692.08		126	4.98	43456659.68		128	6.91
DUP-20251001	SS5847-18	1	133515378.7		118	2.50	32523517.53		120	4.99	41318623.34		122	6.91
Continuing Calibrati	WG377753-19	1	133891012.5		118	2.49	29836510.40		110	4.98	37913366.21		112	6.90
System Solvent Blank	WG377753-20	1	142907106.2		126	2.49	29493740.03		109	4.98	37073636.63		109	6.90

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377753-4
Analytical Date: 10/09/25 11:50
Midpoint Lab File ID : 2LC04234
Instrument ID: LCMS-2

			18O2-PFHXS				13C5-PFNA				13C2-PFDA			
			Area			Midpoint RT	Area			Midpoint RT	Area			Midpoint RT
			23509794			7.13	18062708			7.74	17758379			8.03
		Upper Limit	47019588			7.53	36125416			8.14	35516758			8.43
		Lower Limit	11754897			6.73	9031354			7.34	8879189.5			7.63
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT #	Area	#	%	RT #	Area	#	%	RT #
System Solvent Blank	WG377753-10	1	22016357.12		94	7.14	17487867.85		97	7.74	17244980.90		97	8.03
Initial Calibration	WG377753-8	1	24164446.47		103	7.14	18859257.57		104	7.74	18403764.95		104	8.03
Initial Calibration	WG377753-1	1	23529597.60		100	7.14	18329668.85		101	7.75	17942379.89		101	8.03
Initial Calibration	WG377753-2	1	24049949.20		102	7.14	18184020.96		101	7.75	18481495.95		104	8.03
Initial Calibration	WG377753-3	1	23628768.28		101	7.14	18030364.71		100	7.74	17863436.36		101	8.03
Initial Calibration	WG377753-4	1	23724035.45		101	7.13	17931987.14		99	7.74	18207833.68		103	8.03
Initial Calibration	WG377753-5	1	23055360.90		98	7.13	17465502.42		97	7.74	17658298.51		99	8.02
Initial Calibration	WG377753-6	1	23600708.72		100	7.12	18216538.70		101	7.73	17582122.94		99	8.02
Initial Calibration	WG377753-7	1	22325483.70		95	7.12	17484322.28		97	7.74	15927695.96		90	8.02
System Solvent Blank	WG377753-11	1	25574083.48		109	7.13	20371909.59		113	7.74	19641377.14		111	8.03
Independent Source	WG377753-9	1	25877551.34		110	7.13	20316417.01		112	7.74	19880746.66		112	8.03
System Solvent Blank	WG377753-12	1	25198663.86		107	7.13	19918634.91		110	7.74	19385027.57		109	8.03
Low Level Cont. Cal.	WG377753-13	1	25963843.70		110	7.12	20571669.05		114	7.73	20086868.01		113	8.02
Continuing Calibrati	WG377753-15	1	24944309.62		106	7.13	18845184.82		104	7.74	18732325.32		105	8.03
System Solvent Blank	WG377753-16	1	22426903.89		95	7.12	17162822.59		95	7.74	17088939.30		96	8.02
Method Blank	WG377689-1	1	27653186.27		118	7.13	20973902.98		116	7.74	20841071.26		117	8.03
Laboratory Control S	WG377689-2	1	27041698.83		115	7.14	20342861.20		113	7.75	19457301.59		110	8.03
Laboratory Control S	WG377689-3	1	26704302.24		114	7.13	20522652.38		114	7.74	19875059.40		112	8.02
2SB-01 SURF	SS5847-1	1	29665361.43		126	7.13	23087948.82		128	7.74	21604372.61		122	8.02
2SB-01 7.5-10	SS5847-3	1	27020217.08		115	7.13	21078064.51		117	7.74	20601882.40		116	8.02
2SB-02 SURF	SS5847-4	1	28235517.36		120	7.13	22549802.35		125	7.74	23030894.74		130	8.02
2SB-02 5-7.5	SS5847-5	1	27215341.54		116	7.12	21381366.98		118	7.74	20565951.69		116	8.02
2SB-02 7.5-10	SS5847-6	1	29004887.65		123	7.12	22037001.30		122	7.74	21434222.71		121	8.02
2SB-03 SURF	SS5847-7	1	29422751.61		125	7.12	22825310.94		126	7.73	21692565.16		122	8.02
2SB-03 10-12.5	SS5847-8	1	27612513.04		117	7.11	21259461.92		118	7.73	20004542.96		113	8.01
2SB-04 SURF	SS5847-10	1	28572880.14		122	7.11	21934651.35		121	7.73	22022843.97		124	8.01
Continuing Calibrati	WG377753-17	1	24728189.58		105	7.11	18243007.95		101	7.73	17951248.61		101	8.01
System Solvent Blank	WG377753-18	1	24624151.69		105	7.11	18702605.09		104	7.73	17955631.09		101	8.02
2SB-04 0-5	SS5847-11	1	29816959.70		127	7.10	23005633.46		127	7.73	22704143.56		128	8.01
2SB-04 10-15	SS5847-12	1	28592202.64		122	7.11	21915276.42		121	7.73	20624389.99		116	8.02
2SB-05 SURF	SS5847-13	1	31032223.37		132	7.10	25610726.29		142	7.73	23411804.80		132	8.01
2SB-05 5-7	SS5847-14	1	29633205.87		126	7.10	22963370.53		127	7.73	21123651.32		119	8.01
2SB-06 SURF	SS5847-15	1	26902223.50		114	7.10	21842641.79		121	7.73	20786206.22		117	8.01
2SB-06 0-2.5	SS5847-16	1	28856189.63		123	7.10	21955116.57		122	7.72	21271330.92		120	8.01
2SB-06 7.5-10	SS5847-17	1	28414383.39		121	7.09	21567117.58		119	7.72	20015844.77		113	8.01
DUP-20251001	SS5847-18	1	26776767.09		114	7.10	20408748.64		113	7.72	19099408.51		108	8.01
Continuing Calibrati	WG377753-19	1	23828577.04		101	7.09	18556121.23		103	7.72	16574373.05		93	8.01
System Solvent Blank	WG377753-20	1	23992359.90		102	7.09	19106497.41		106	7.72	16337154.57		92	8.01

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377753-4
Analytical Date: 10/09/25 11:50
Midpoint Lab File ID : 2LC04234
Instrument ID: LCMS-2

			13C4-PFOS				
			Area			Midpoint RT	
			23571363			8.11	
		Upper Limit	47142726			8.51	
		Lower Limit	11785681.5			7.71	
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT	#
System Solvent Blank	WG377753-10	1	22475691.32		95	8.12	
Initial Calibration	WG377753-8	1	24661691.79		105	8.12	
Initial Calibration	WG377753-1	1	23920986.61		101	8.12	
Initial Calibration	WG377753-2	1	24924345.88		106	8.12	
Initial Calibration	WG377753-3	1	24171955.74		103	8.12	
Initial Calibration	WG377753-4	1	24331397.02		103	8.11	
Initial Calibration	WG377753-5	1	23143890.70		98	8.11	
Initial Calibration	WG377753-6	1	22867277.08		97	8.11	
Initial Calibration	WG377753-7	1	20549362.41		87	8.11	
System Solvent Blank	WG377753-11	1	24914384.72		106	8.11	
Independent Source	WG377753-9	1	26738752.41		113	8.11	
System Solvent Blank	WG377753-12	1	26018568.12		110	8.11	
Low Level Cont. Cal.	WG377753-13	1	26791278.88		114	8.10	
Continuing Calibrati	WG377753-15	1	25006912.95		106	8.11	
System Solvent Blank	WG377753-16	1	22469712.51		95	8.11	
Method Blank	WG377689-1	1	27430954.03		116	8.11	
Laboratory Control S	WG377689-2	1	27339106.24		116	8.12	
Laboratory Control S	WG377689-3	1	26086150.22		111	8.11	
2SB-01 SURF	SS5847-1	1	28650992.89		122	8.11	
2SB-01 7.5-10	SS5847-3	1	27332565.00		116	8.11	
2SB-02 SURF	SS5847-4	1	28910779.55		123	8.11	
2SB-02 5-7.5	SS5847-5	1	27399647.00		116	8.11	
2SB-02 7.5-10	SS5847-6	1	29153707.12		124	8.11	
2SB-03 SURF	SS5847-7	1	30071236.19		128	8.11	
2SB-03 10-12.5	SS5847-8	1	26439317.33		112	8.10	
2SB-04 SURF	SS5847-10	1	27631473.11		117	8.10	
Continuing Calibrati	WG377753-17	1	24975203.40		106	8.10	
System Solvent Blank	WG377753-18	1	23863871.14		101	8.10	
2SB-04 0-5	SS5847-11	1	29712213.01		126	8.10	
2SB-04 10-15	SS5847-12	1	27356263.07		116	8.10	
2SB-05 SURF	SS5847-13	1	31129799.04		132	8.10	
2SB-05 5-7	SS5847-14	1	29008255.99		123	8.10	
2SB-06 SURF	SS5847-15	1	26739880.76		113	8.10	
2SB-06 0-2.5	SS5847-16	1	28844124.09		122	8.09	
2SB-06 7.5-10	SS5847-17	1	27330414.71		116	8.09	
DUP-20251001	SS5847-18	1	25465805.17		108	8.09	
Continuing Calibrati	WG377753-19	1	23339147.77		99	8.09	
System Solvent Blank	WG377753-20	1	22573408.04		96	8.09	

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377753-4
Analytical Date: 10/09/25 11:50
Midpoint Lab File ID : 2LC04234
Instrument ID: LCMS-2

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area

RT Upper Limit = +24 seconds of Midpoint internal standard RT
RT Lower Limit = -24 seconds of Midpoint internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.
% Area Ratio = 100*DF*Area/(ICAL Average Area)

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377859-4
Analytical Date: 10/10/25 13:01
Midpoint Lab File ID : 2LC04324
Instrument ID: LCMS-2

			13C3-PFBA				13C2-PFHXA				13C4-PFOA			
			Area			Midpoint RT	Area			Midpoint RT	Area			Midpoint RT
		ICAL Average	136862260			2.48	31885014			4.98	40505651			6.89
		Upper Limit	273724520			2.88	63770028			5.38	81011302			7.29
		Lower Limit	68431130			2.08	15942507			4.58	20252825.5			6.49
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT #	Area	#	%	RT #	Area	#	%	RT #
System Solvent Blank	WG377859-10	1	146613992.8		107	2.49	31766432.53		100	4.98	38899795.40		96	6.89
Initial Calibration	WG377859-8	1	147494521.1		108	2.50	33645503.40		106	4.99	41976705.84		104	6.90
Initial Calibration	WG377859-1	1	152622342.2		112	2.50	34684284.67		109	4.99	42575985.46		105	6.90
Initial Calibration	WG377859-2	1	144048667.0		105	2.48	32828031.26		103	4.99	40852968.51		101	6.90
Initial Calibration	WG377859-3	1	134588310.4		98	2.48	31464944.85		99	4.98	39460230.04		97	6.89
Initial Calibration	WG377859-4	1	133547453.0		98	2.48	31244654.05		98	4.98	39573937.87		98	6.89
Initial Calibration	WG377859-5	1	129496212.8		95	2.49	30545372.39		96	4.98	38646677.89		95	6.89
Initial Calibration	WG377859-6	1	136947505.0		100	2.49	31924760.51		100	4.98	41723848.26		103	6.90
Initial Calibration	WG377859-7	1	116153072.6		85	2.49	28742558.45		90	4.98	39234850.46		97	6.89
System Solvent Blank	WG377859-11	1	143826205.4		105	2.49	30442384.11		95	4.99	38972551.43		96	6.90
Independent Source	WG377859-9	1	149417701.6		109	2.49	35231117.82		110	4.98	44565564.65		110	6.90
System Solvent Blank	WG377859-20	1	156936733.3		115	2.48	33684589.91		106	4.97	41531030.09		103	6.87
Low Level Cont. Cal.	WG377859-21	1	153818423.8		112	2.49	34719106.22		109	4.98	42663275.31		105	6.88
Continuing Calibrati	WG377859-23	1	138670362.6		101	2.49	32807091.45		103	4.99	40677395.35		100	6.88
System Solvent Blank	WG377859-24	1	158120465.8		116	2.49	34283636.26		108	4.98	41864781.70		103	6.87
2SB-01 5-7.5	SS5847-2RA	1	94003142.54		69	2.47	34102984.37		107	4.97	41867239.81		103	6.86
Method Blank	WG377832-1	1	133096122.7		97	2.48	34357093.03		108	4.97	42321770.36		104	6.86
Laboratory Control S	WG377832-2	1	132404266.5		97	2.47	32352092.77		101	4.97	38731090.91		96	6.86
Laboratory Control S	WG377832-3	1	127650028.8		93	2.47	38325201.23		120	4.97	45891164.28		113	6.85
Continuing Calibrati	WG377859-25	1	138049779.9		101	2.48	33257470.16		104	4.98	39557113.20		98	6.86
System Solvent Blank	WG377859-26	1	153358233.0		112	2.48	33275124.32		104	4.97	40234104.62		99	6.86
2SB-01 5-7.5	SS5847-2RE	1	98606338.63		72	2.48	34829523.80		109	4.96	40498200.57		100	6.83
2SB-03 12.5-15	SS5847-9RE	1	104456687.6		76	2.49	32050186.04		101	4.98	37558988.05		93	6.85
Continuing Calibrati	WG377859-27	1	136100891.4		99	2.48	34053597.81		107	4.98	38888425.30		96	6.84
System Solvent Blank	WG377859-28	1	148318160.3		108	2.48	34388625.65		108	4.97	38839730.40		96	6.84

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area
RT Upper Limit = +24 seconds of Midpoint internal standard RT
RT Lower Limit = -24 seconds of Midpoint internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.
% Area Ratio = 100*DF*Area/(ICAL Average Area)

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377859-4
Analytical Date: 10/10/25 13:01
Midpoint Lab File ID : 2LC04324
Instrument ID: LCMS-2

			18O2-PFHXS				13C5-PFNA				13C2-PFDA			
			Area			Midpoint RT	Area			Midpoint RT	Area			Midpoint RT
			26098803			7.07	23893717			7.71	18059557			8.00
		Upper Limit	52197606			7.47	47787434			8.11	36119114			8.40
		Lower Limit	13049401.5			6.67	11946858.5			7.31	9029778.5			7.60
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT #	Area	#	%	RT #	Area	#	%	RT #
System Solvent Blank	WG377859-10	1	25944842.16		99	7.07	22933681.27		96	7.72	17999155.18		100	8.01
Initial Calibration	WG377859-8	1	27271690.54		104	7.08	25404212.00		106	7.72	19104246.85		106	8.01
Initial Calibration	WG377859-1	1	27714532.82		106	7.08	25850345.91		108	7.73	19689256.06		109	8.01
Initial Calibration	WG377859-2	1	27045992.52		104	7.08	24913303.92		104	7.72	18707900.57		104	8.01
Initial Calibration	WG377859-3	1	26257004.31		101	7.07	23605498.05		99	7.71	17756064.95		98	8.00
Initial Calibration	WG377859-4	1	25434583.63		97	7.07	22606652.24		95	7.71	18374412.34		102	8.00
Initial Calibration	WG377859-5	1	24662592.08		94	7.07	22702615.09		95	7.72	16874658.61		93	8.01
Initial Calibration	WG377859-6	1	26737114.75		102	7.08	23925407.45		100	7.72	18031326.48		100	8.01
Initial Calibration	WG377859-7	1	23666914.71		91	7.08	22141703.98		93	7.72	15938593.71		88	8.01
System Solvent Blank	WG377859-11	1	24579947.24		94	7.08	22066720.34		92	7.72	17442817.17		97	8.01
Independent Source	WG377859-9	1	27930008.72		107	7.08	25637219.28		107	7.72	19440945.62		108	8.01
System Solvent Blank	WG377859-20	1	26106898.22		100	7.05	22391621.69		94	7.71	17150813.51		95	8.00
Low Level Cont. Cal.	WG377859-21	1	26388829.29		101	7.06	23698146.41		99	7.71	18879867.29		105	8.00
Continuing Calibrati	WG377859-23	1	25123716.23		96	7.06	22433223.29		94	7.72	17895971.87		99	8.01
System Solvent Blank	WG377859-24	1	26580818.98		102	7.06	23220268.00		97	7.71	18455704.46		102	8.00
2SB-01 5-7.5	SS5847-2RA	1	26700278.13		102	7.04	24053970.25		101	7.70	17275710.52		96	7.99
Method Blank	WG377832-1	1	27106864.47		104	7.04	24397113.85		102	7.70	18373517.60		102	7.99
Laboratory Control S	WG377832-2	1	25284882.48		97	7.04	22753839.37		95	7.70	16655407.92		92	7.99
Laboratory Control S	WG377832-3	1	29948960.49		115	7.04	27363636.77		115	7.70	19602161.10		109	7.99
Continuing Calibrati	WG377859-25	1	25866333.89		99	7.05	23445398.51		98	7.71	17975948.44		100	8.00
System Solvent Blank	WG377859-26	1	26168458.14		100	7.04	23849564.21		100	7.70	17761021.53		98	8.00
2SB-01 5-7.5	SS5847-2RE	1	26607406.17		102	7.02	24620239.09		103	7.69	18085243.04		100	7.98
2SB-03 12.5-15	SS5847-9RE	1	24667354.78		95	7.03	23052924.37		96	7.70	17158115.74		95	8.00
Continuing Calibrati	WG377859-27	1	25965933.96		99	7.03	23929027.08		100	7.70	17881427.97		99	7.99
System Solvent Blank	WG377859-28	1	26645256.66		102	7.03	24120246.35		101	7.70	17472685.01		97	7.99

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area
RT Upper Limit = +24 seconds of Midpoint internal standard RT
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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
SDG: SS5847
Midpoint Lab ID : WG377859-4
Analytical Date: 10/10/25 13:01
Midpoint Lab File ID : 2LC04324
Instrument ID: LCMS-2

			13C4-PFOS				
			Area			Midpoint RT	
			28038337			8.08	
		Upper Limit	56076674			8.48	
		Lower Limit	14019168.5			7.68	
Client Sample ID	Lab Sample ID	DF	Area	#	%	RT	#
System Solvent Blank	WG377859-10	1	27757952.75		99	8.09	
Initial Calibration	WG377859-8	1	30208539.52		108	8.09	
Initial Calibration	WG377859-1	1	30671028.15		109	8.09	
Initial Calibration	WG377859-2	1	29656099.02		106	8.09	
Initial Calibration	WG377859-3	1	27674187.43		99	8.08	
Initial Calibration	WG377859-4	1	27844201.69		99	8.08	
Initial Calibration	WG377859-5	1	25749755.68		92	8.09	
Initial Calibration	WG377859-6	1	28866757.09		103	8.09	
Initial Calibration	WG377859-7	1	23636123.73		84	8.09	
System Solvent Blank	WG377859-11	1	25954662.38		93	8.09	
Independent Source	WG377859-9	1	29667352.30		106	8.09	
System Solvent Blank	WG377859-20	1	26937984.28		96	8.08	
Low Level Cont. Cal.	WG377859-21	1	28998200.59		103	8.08	
Continuing Calibrati	WG377859-23	1	27159856.76		97	8.09	
System Solvent Blank	WG377859-24	1	28388137.99		101	8.08	
2SB-01 5-7.5	SS5847-2RA	1	27433246.89		98	8.07	
Method Blank	WG377832-1	1	28282258.84		101	8.07	
Laboratory Control S	WG377832-2	1	27495688.92		98	8.07	
Laboratory Control S	WG377832-3	1	31641323.56		113	8.07	
Continuing Calibrati	WG377859-25	1	28322425.55		101	8.08	
System Solvent Blank	WG377859-26	1	30693389.68		109	8.07	
2SB-01 5-7.5	SS5847-2RE	1	29032469.86		104	8.06	
2SB-03 12.5-15	SS5847-9RE	1	28652850.32		102	8.08	
Continuing Calibrati	WG377859-27	1	29973787.60		107	8.07	
System Solvent Blank	WG377859-28	1	29755496.80		106	8.07	

Area Upper Limit = 200 % of ICAL average internal standard area
Area Lower Limit = 50 % of ICAL average internal standard area
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RT Lower Limit = -24 seconds of Midpoint internal standard RT

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% Area Ratio = 100*DF*Area/(ICAL Average Area)

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Sample Data Section

SGS North America, Inc. -Scarborough
Cross-Reference of PFA Analytes

Analyte Name	Abbreviation	CAS Number
Perfluoroalkyl carboxylic acids		
Perfluorobutanoic acid	PFBA	375-22-4
Perfluoropentanoic acid	PFPeA	2706-90-3
Perfluorohexanoic acid	PFHxA	307-24-4
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorononanoic acid	PFNA	375-95-1
Perfluorodecanoic acid	PFDA	335-76-2
Perfluoroundecanoic acid	PFUnA	2058-94-8
Perfluorododecanoic acid	PFDoA	307-55-1
Perfluorotridecanoic acid	PFTrDA	72629-94-8
Perfluorotetradecanoic acid	PFTeDA	376-06-7
Perfluoroalkyl sulfonic acids, Acid Form		
Perfluorobutanesulfonic acid	PFBS	375-73-5
Perfluoropentansulfonic acid	PFPeS	2706-91-4
Perfluorohexanesulfonic acid	PFHxS	355-46-4
Perfluoroheptanesulfonic acid	PFHpS	375-92-8
Perfluorooctanesulfonic acid	PFOS	1763-23-1
Perfluorononanesulfonic acid	PFNS	68259-12-1
Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluorododecanesulfonic acid	PFDoS	79780-39-5
Fluorotelomer sulfonic acids		
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	4:2FTS	757124-72-4
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	6:2FTS	27619-97-2
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	8:2FTS	39108-34-4
Perfluorooctane sulfonamides		
Perfluorooctanesulfonamide	PFOSA	754-91-6
N-methyl perfluorooctanesulfonamide	NMeFOSA	31506-32-8
N-ethyl perfluorooctanesulfonamide	NEtFOSA	4151-50-2
Perfluorooctane sulfonamidoacetic acids		
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2355-31-9
N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2991-50-6
Perfluorooctane sulfonamide ethanols		
N-methyl perfluorooctanesulfonamidoethanol	NMeFOSE	24448-09-7
N-ethyl perfluorooctanesulfonamidoethanol	NEtFOSE	1691-99-2
Per- and Polyfluoroether carboxylic acids		
Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6
4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
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
Ether sulfonic acids		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS	756426-58-1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9
Perfluoro(2-ethoxyethane)sulfonic acid	PFEESA	113507-82-7
Fluorotelomer carboxylic acids		
3-Perfluoropropyl propanoic acid	3:3FTCA	356-02-5
2H,2H,3H,3H-Perfluorooctanoic acid	5:3FTCA	914637-49-3
3-Perfluoroheptyl propanoic acid	7:3FTCA	812-70-4

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ORGANIC DATA QUALIFIERS

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

And/or

J Used for Dual Column analytes when there is a greater than 40% difference for detected concentrations between the two GC/HPLC columns.

And/or

J Used for LCS/MS/MS analysis. Per method E1633, if the EIS recovery is <5% but has a S/N ≥ 20:1, the analyte result may have some utility as an estimated value.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

I Indicates that the flagged compound did not meet DoD criteria in the corresponding Initial Calibration (ICAL).

D Indicates that the flagged compound did not meet DoD criteria in the corresponding Initial Calibration Verification (ICV).

C Indicates that the flagged compound did not meet DoD criteria in the corresponding opening Calibration Verification (CV).

V Indicates that the flagged compound did not meet DoD criteria in the corresponding closing Calibration Verification (CV).

L/LL Indicates that the flagged compound did not meet criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M/MM Indicates that the flagged compound did not meet criteria in the Matrix Spike (MS) and/or Matrix Spike Duplicate MSD) prepared and/or analyzed concurrently with the native sample.

H Indicates the flagged compound was detected on the primary column but was not detected on the confirmation column therefore the compound is not reported as a positive detection. (SW846 8330A/B only)

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Manual Integration Codes For GC/MS, GC, HPLC and/or IC

M1	Peak splitting.
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant.
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analysis such as GRO, DRO and TPH require a baseline hold.
M9	Peak was not completely integrated as in GC/MS.
M10	Primary ion was correctly integrated, but secondary or tertiary ion needed manual integration as in GC/MS.
M11	For GC analysis, when a sample is diluted by 1:10 or more, the surrogate is set to undetected and then the area under the surrogate is manually integrated.

Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-1
Client ID: 2SB-01 SURF
Matrix: SL
Lab File ID: 2LC04251

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 88.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.599	ng/g	1	.8	0.599	0.173
3:3FTCA	U	0.749	ng/g	1	1	0.749	0.279
4:2 FTS	U	0.599	ng/g	1	.8	0.599	0.216
5:3FTCA	U	3.75	ng/g	1	5	3.75	0.659
6:2 FTS	U	0.599	ng/g	1	.8	0.599	0.0906
7:3FTCA	U	3.75	ng/g	1	5	3.75	0.540
8:2 FTS	U	0.599	ng/g	1	.8	0.599	0.176
9Cl-PF3ONS	U	0.599	ng/g	1	.8	0.599	0.162
ADONA	U	0.599	ng/g	1	.8	0.599	0.113
GenX (HFPO-DA)	U	0.599	ng/g	1	.8	0.599	0.136
NEtFOSA	U	0.150	ng/g	1	.2	0.150	0.0502
NEtFOSAA	U	0.150	ng/g	1	.2	0.150	0.0450
NEtFOSE	U	1.50	ng/g	1	2	1.50	0.518
NFDHA	U	0.300	ng/g	1	.4	0.300	0.0404
NMeFOSA	U	0.150	ng/g	1	.2	0.150	0.0524
NMeFOSAA	U	0.150	ng/g	1	.2	0.150	0.0509
NMeFOSE	U	1.50	ng/g	1	2	1.50	0.528
PFBA	J	0.126	ng/g	1	.8	0.599	0.123
PFBS	U	0.150	ng/g	1	.2	0.150	0.0382
PFDA	J	0.0572	ng/g	1	.2	0.150	0.0390
PFDoA	U	0.150	ng/g	1	.2	0.150	0.0682
PFDoS	U	0.150	ng/g	1	.2	0.150	0.0472
PFDS	U	0.150	ng/g	1	.2	0.150	0.0345
PFEESA	U	0.300	ng/g	1	.4	0.300	0.0584
PFHpA	J	0.122	ng/g	1	.2	0.150	0.0300
PFHpS	U	0.150	ng/g	1	.2	0.150	0.0412
PFHxA	J	0.144	ng/g	1	.2	0.150	0.0345
Total PFHxS	U	0.150	ng/g	1	.2	0.150	0.00524
PFMBA	U	0.300	ng/g	1	.4	0.300	0.0614
PFMPA	U	0.300	ng/g	1	.4	0.300	0.0884
Total PFNA	J	0.0870	ng/g	1	.2	0.150	0.0105
PFNS	U	0.150	ng/g	1	.2	0.150	0.0397
Total PFOA		0.629	ng/g	1	.2	0.150	0.0210
PFOS		0.502	ng/g	1	.2	0.150	0.0442
PFOSA	U	0.150	ng/g	1	.2	0.150	0.0240

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-1
Client ID: 2SB-01 SURF
Matrix: SL
Lab File ID: 2LC04251

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 88.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.210	ng/g	1	.4	0.300	0.0629
PFPeS	U	0.150	ng/g	1	.2	0.150	0.0277
PFTeDA	U	0.150	ng/g	1	.2	0.150	0.0697
PFTrDA	U	0.150	ng/g	1	.2	0.150	0.0404
PFUnA	J	0.0400	ng/g	1	.2	0.150	0.0285
M-4:2 FTS-13C2		86.3	%				
M-6:2 FTS-13C2		86.6	%				
M-8:2 FTS-13C2		87.1	%				
M-GenX-13C3 (HFPO-DA)		71.0	%				
M-NEtFOSAA-D5		108.	%				
M-NEtFOSA-D5		60.9	%				
M-NEtFOSE-D9		63.1	%				
M-NMeFOSAA-D3		52.5	%				
M-NMeFOSA-D3		69.1	%				
M-NMeFOSE-D7		62.7	%				
M-PFBA-13C4		98.6	%				
M-PFBS-13C3		74.3	%				
M-PFDA-13C6		87.3	%				
M-PFDoA-13C2		87.8	%				
M-PFHpA-13C4		77.9	%				
M-PFHxA-13C5		80.0	%				
M-PFHxS-13C3		79.7	%				
M-PFNA-13C9		82.1	%				
M-PFOA-13C8		83.2	%				
M-PFOS-13C8		81.3	%				
M-PFOSA-13C8		79.9	%				
M-PFPeA-13C5		78.5	%				
M-PFTeDA-13C2		79.4	%				
M-PFUnA-13C7		89.6	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-1
Client ID: 2SB-01 SURF
Lab File ID: 2LC04251

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	5	10		-	-
PFDA		106	3	3.472	1.707-5.12	1.762-5.28
PFHpA		267	3	2.084	1.042-3.12	1.037-3.11
PFHxA		221	3	8.935	4.616-13.8	4.534-13.6
PFNA		201	3	3.048	1.514-4.54	1.505-4.51
PFOA		284	3	1.595	.804-2.411	.78-2.34
PFOS		474	3	1.819	.878-2.634	.849-2.546
PFPeA		207	10		-	-
PFUnA		66	3	4.859	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RA
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04376

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.743	ng/g	1	.8	0.743	0.215
3:3FTCA	U	0.929	ng/g	1	1	0.929	0.346
4:2 FTS	U	0.743	ng/g	1	.8	0.743	0.268
5:3FTCA	U	4.65	ng/g	1	5	4.65	0.818
6:2 FTS	U	0.743	ng/g	1	.8	0.743	0.112
7:3FTCA	U	4.65	ng/g	1	5	4.65	0.670
8:2 FTS	U	0.743	ng/g	1	.8	0.743	0.218
9Cl-PF3ONS	U	0.743	ng/g	1	.8	0.743	0.201
ADONA	U	0.743	ng/g	1	.8	0.743	0.140
GenX (HFPO-DA)	U	0.743	ng/g	1	.8	0.743	0.169
NEtFOSA	U	0.186	ng/g	1	.2	0.186	0.0622
NEtFOSAA	U	0.186	ng/g	1	.2	0.186	0.0558
NEtFOSE	U	1.86	ng/g	1	2	1.86	0.643
NFDHA	U	0.372	ng/g	1	.4	0.372	0.0502
NMeFOSA	U	0.186	ng/g	1	.2	0.186	0.0650
NMeFOSAA	U	0.186	ng/g	1	.2	0.186	0.0632
NMeFOSE	U	1.86	ng/g	1	2	1.86	0.655
PFBA	U	0.743	ng/g	1	.8	0.743	0.152
PFBS	U	0.186	ng/g	1	.2	0.186	0.0474
PFDA	U	0.186	ng/g	1	.2	0.186	0.0483
PFDoA	U	0.186	ng/g	1	.2	0.186	0.0846
PFDoS	U	0.186	ng/g	1	.2	0.186	0.0585
PFDS	U	0.186	ng/g	1	.2	0.186	0.0427
PFEESA	U	0.372	ng/g	1	.4	0.372	0.0725
PFHpA	J	0.0510	ng/g	1	.2	0.186	0.0372
PFHpS	U	0.186	ng/g	1	.2	0.186	0.0511
PFHxA	J	0.111	ng/g	1	.2	0.186	0.0427
Total PFHxS	U	0.186	ng/g	1	.2	0.186	0.00650
PFMBA	U	0.372	ng/g	1	.4	0.372	0.0762
PFMPA	U	0.372	ng/g	1	.4	0.372	0.110
Total PFNA	U	0.186	ng/g	1	.2	0.186	0.0130
PFNS	U	0.186	ng/g	1	.2	0.186	0.0492
Total PFOA	J	0.128	ng/g	1	.2	0.186	0.0260
PFOS		0.368	ng/g	1	.2	0.186	0.0548
PFOSA	U	0.186	ng/g	1	.2	0.186	0.0297

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RA
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04376

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.113	ng/g	1	.4	0.372	0.0780
PFPeS	U	0.186	ng/g	1	.2	0.186	0.0344
PFTeDA	U	0.186	ng/g	1	.2	0.186	0.0864
PFTrDA	U	0.186	ng/g	1	.2	0.186	0.0502
PFUnA	U	0.186	ng/g	1	.2	0.186	0.0353
M-4:2 FTS-13C2		61.6	%				
M-6:2 FTS-13C2		63.5	%				
M-8:2 FTS-13C2		57.0	%				
M-GenX-13C3 (HFPO-DA)		66.1	%				
M-NEtFOSAA-D5	*	33.9	%				
M-NEtFOSA-D5		48.8	%				
M-NEtFOSE-D9		61.6	%				
M-NMeFOSAA-D3	*	29.2	%				
M-NMeFOSA-D3		54.8	%				
M-NMeFOSE-D7		61.0	%				
M-PFBA-13C4		101.	%				
M-PFBS-13C3		68.4	%				
M-PFDA-13C6		63.0	%				
M-PFDoA-13C2		56.8	%				
M-PFHpA-13C4		63.8	%				
M-PFHxA-13C5		60.8	%				
M-PFHxS-13C3		66.0	%				
M-PFNA-13C9		63.2	%				
M-PFOA-13C8		62.0	%				
M-PFOS-13C8		66.9	%				
M-PFOSA-13C8		58.9	%				
M-PFPeA-13C5		65.0	%				
M-PFTeDA-13C2		52.3	%				
M-PFUnA-13C7		66.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-2RA
Client ID: 2SB-01 5-7.5
Lab File ID: 2LC04376

ICAL Midpoint: WG377859-4
ICAL MP File ID: 2LC04324
Opening CV: WG377859-23
Opening CV File ID: 2LC04368

Analysis Date: 11-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		139	3	2.061	1.046-3.13	1.036-3.10
PFHxA		111	3	9.079	4.39-13.16	4.306-12.9
PFOA		58	3	1.569	.787-2.361	.775-2.324
PFOS	CI	217	3	2.908	.879-2.636	.882-2.645
PFPeA		59	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RE
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04394

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.759	ng/g	1	.8	0.759	0.219
3:3FTCA	U	0.949	ng/g	1	1	0.949	0.353
4:2 FTS	U	0.759	ng/g	1	.8	0.759	0.273
5:3FTCA	U	4.74	ng/g	1	5	4.74	0.835
6:2 FTS	U	0.759	ng/g	1	.8	0.759	0.115
7:3FTCA	U	4.74	ng/g	1	5	4.74	0.684
8:2 FTS	U	0.759	ng/g	1	.8	0.759	0.223
9Cl-PF3ONS	U	0.759	ng/g	1	.8	0.759	0.205
ADONA	U	0.759	ng/g	1	.8	0.759	0.143
GenX (HFPO-DA)	U	0.759	ng/g	1	.8	0.759	0.173
NEtFOSA	U	0.190	ng/g	1	.2	0.190	0.0636
NEtFOSAA	U	0.190	ng/g	1	.2	0.190	0.0569
NEtFOSE	U	1.90	ng/g	1	2	1.90	0.657
NFDHA	U	0.380	ng/g	1	.4	0.380	0.0512
NMeFOSA	U	0.190	ng/g	1	.2	0.190	0.0664
NMeFOSAA	U	0.190	ng/g	1	.2	0.190	0.0645
NMeFOSE	U	1.90	ng/g	1	2	1.90	0.669
PFBA	U	0.759	ng/g	1	.8	0.759	0.156
PFBS	U	0.190	ng/g	1	.2	0.190	0.0484
PFDA	U	0.190	ng/g	1	.2	0.190	0.0494
PFDoA	U	0.190	ng/g	1	.2	0.190	0.0864
PFDoS	U	0.190	ng/g	1	.2	0.190	0.0598
PFDS	U	0.190	ng/g	1	.2	0.190	0.0436
PFEESA	U	0.380	ng/g	1	.4	0.380	0.0740
PFHpA	J	0.0665	ng/g	1	.2	0.190	0.0380
PFHpS	U	0.190	ng/g	1	.2	0.190	0.0522
PFHxA	J	0.130	ng/g	1	.2	0.190	0.0436
Total PFHxS	U	0.190	ng/g	1	.2	0.190	0.00664
PFMBA	U	0.380	ng/g	1	.4	0.380	0.0778
PFMPA	U	0.380	ng/g	1	.4	0.380	0.112
Total PFNA	U	0.190	ng/g	1	.2	0.190	0.0133
PFNS	U	0.190	ng/g	1	.2	0.190	0.0503
Total PFOA	J	0.163	ng/g	1	.2	0.190	0.0266
PFOS		0.448	ng/g	1	.2	0.190	0.0560
PFOSA	U	0.190	ng/g	1	.2	0.190	0.0304

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-2RE
Client ID: 2SB-01 5-7.5
Matrix: SL
Lab File ID: 2LC04394

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.103	ng/g	1	.4	0.380	0.0797
PFPeS	U	0.190	ng/g	1	.2	0.190	0.0351
PFTeDA	U	0.190	ng/g	1	.2	0.190	0.0883
PFTrDA	U	0.190	ng/g	1	.2	0.190	0.0512
PFUnA	U	0.190	ng/g	1	.2	0.190	0.0361
M-4:2 FTS-13C2		65.4	%				
M-6:2 FTS-13C2		65.9	%				
M-8:2 FTS-13C2		61.8	%				
M-GenX-13C3 (HFPO-DA)		86.4	%				
M-NEtFOSAA-D5	*	33.2	%				
M-NEtFOSA-D5		45.7	%				
M-NEtFOSE-D9		71.3	%				
M-NMeFOSAA-D3	*	27.3	%				
M-NMeFOSA-D3		52.7	%				
M-NMeFOSE-D7		64.9	%				
M-PFBA-13C4		107.	%				
M-PFBS-13C3		66.6	%				
M-PFDA-13C6		63.9	%				
M-PFDoA-13C2		55.8	%				
M-PFHpA-13C4		67.6	%				
M-PFHxA-13C5		59.5	%				
M-PFHxS-13C3		71.0	%				
M-PFNA-13C9		69.8	%				
M-PFOA-13C8		66.5	%				
M-PFOS-13C8		76.6	%				
M-PFOSA-13C8		67.1	%				
M-PFPeA-13C5		73.0	%				
M-PFTeDA-13C2		49.7	%				
M-PFUnA-13C7		64.6	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-2RE
Client ID: 2SB-01 5-7.5
Lab File ID: 2LC04394

ICAL Midpoint: WG377859-4
ICAL MP File ID: 2LC04324
Opening CV: WG377859-23
Opening CV File ID: 2LC04368

Analysis Date: 11-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		117	3	2.079	1.046-3.13	1.036-3.10
PFHxA		43	3	9.195	4.39-13.16	4.306-12.9
PFOA		62	3	1.47	.787-2.361	.775-2.324
PFOS	CI	203	3	2.962	.879-2.636	.882-2.645
PFPeA		82	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-3
Client ID: 2SB-01 7.5-10
Matrix: SL
Lab File ID: 2LC04253

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.525	ng/g	1	.8	0.525	0.152
3:3FTCA	U	0.656	ng/g	1	1	0.656	0.244
4:2 FTS	U	0.525	ng/g	1	.8	0.525	0.189
5:3FTCA	U	3.28	ng/g	1	5	3.28	0.577
6:2 FTS	U	0.525	ng/g	1	.8	0.525	0.0794
7:3FTCA	U	3.28	ng/g	1	5	3.28	0.473
8:2 FTS	U	0.525	ng/g	1	.8	0.525	0.154
9Cl-PF3ONS	U	0.525	ng/g	1	.8	0.525	0.142
ADONA	U	0.525	ng/g	1	.8	0.525	0.0991
GenX (HFPO-DA)	U	0.525	ng/g	1	.8	0.525	0.119
NEtFOSA	U	0.131	ng/g	1	.2	0.131	0.0440
NEtFOSAA	U	0.131	ng/g	1	.2	0.131	0.0394
NEtFOSE	U	1.31	ng/g	1	2	1.31	0.454
NFDHA	U	0.262	ng/g	1	.4	0.262	0.0354
NMeFOSA	U	0.131	ng/g	1	.2	0.131	0.0459
NMeFOSAA	U	0.131	ng/g	1	.2	0.131	0.0446
NMeFOSE	U	1.31	ng/g	1	2	1.31	0.462
PFBA	U	0.525	ng/g	1	.8	0.525	0.108
PFBS	U	0.131	ng/g	1	.2	0.131	0.0334
PFDA	U	0.131	ng/g	1	.2	0.131	0.0341
PFDoA	U	0.131	ng/g	1	.2	0.131	0.0597
PFDoS	U	0.131	ng/g	1	.2	0.131	0.0413
PFDS	U	0.131	ng/g	1	.2	0.131	0.0302
PFEESA	U	0.262	ng/g	1	.4	0.262	0.0512
PFHpA	J	0.112	ng/g	1	.2	0.131	0.0262
PFHpS	U	0.131	ng/g	1	.2	0.131	0.0361
PFHxA	J	0.0957	ng/g	1	.2	0.131	0.0302
Total PFHxS	U	0.131	ng/g	1	.2	0.131	0.00459
PFMBA	U	0.262	ng/g	1	.4	0.262	0.0538
PFMPA	U	0.262	ng/g	1	.4	0.262	0.0774
Total PFNA	U	0.131	ng/g	1	.2	0.131	0.00918
PFNS	U	0.131	ng/g	1	.2	0.131	0.0348
Total PFOA		0.227	ng/g	1	.2	0.131	0.0184
PFOS		0.532	ng/g	1	.2	0.131	0.0387
PFOSA	U	0.131	ng/g	1	.2	0.131	0.0210

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-3
Client ID: 2SB-01 7.5-10
Matrix: SL
Lab File ID: 2LC04253

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.0694	ng/g	1	.4	0.262	0.0551
PFPeS	U	0.131	ng/g	1	.2	0.131	0.0243
PFTeDA	U	0.131	ng/g	1	.2	0.131	0.0610
PFTrDA	U	0.131	ng/g	1	.2	0.131	0.0354
PFUnA	U	0.131	ng/g	1	.2	0.131	0.0249
M-4:2 FTS-13C2		84.0	%				
M-6:2 FTS-13C2		80.2	%				
M-8:2 FTS-13C2		79.4	%				
M-GenX-13C3 (HFPO-DA)		77.5	%				
M-NEtFOSAA-D5		83.8	%				
M-NEtFOSA-D5		51.6	%				
M-NEtFOSE-D9		55.4	%				
M-NMeFOSAA-D3		43.3	%				
M-NMeFOSA-D3		59.7	%				
M-NMeFOSE-D7		59.2	%				
M-PFBA-13C4		98.5	%				
M-PFBS-13C3		79.8	%				
M-PFDA-13C6		79.1	%				
M-PFDoA-13C2		71.0	%				
M-PFHpA-13C4		73.0	%				
M-PFHxA-13C5		77.0	%				
M-PFHxS-13C3		79.9	%				
M-PFNA-13C9		78.7	%				
M-PFOA-13C8		79.7	%				
M-PFOS-13C8		76.4	%				
M-PFOSA-13C8		77.5	%				
M-PFPeA-13C5		82.2	%				
M-PFTeDA-13C2		63.0	%				
M-PFUnA-13C7		76.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-3
Client ID: 2SB-01 7.5-10
Lab File ID: 2LC04253

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		256	3	2.057	1.042-3.12	1.037-3.11
PFHxA		88	3	9.709	4.616-13.8	4.534-13.6
PFOA		219	3	1.598	.804-2.411	.78-2.34
PFOS	CI	418	3	2.813	.878-2.634	.849-2.546
PFPeA		68	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-4
Client ID: 2SB-02 SURF
Matrix: SL
Lab File ID: 2LC04254

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.666	ng/g	1	.8	0.666	0.192
3:3FTCA	U	0.833	ng/g	1	1	0.833	0.310
4:2 FTS	U	0.666	ng/g	1	.8	0.666	0.240
5:3FTCA	U	4.16	ng/g	1	5	4.16	0.733
6:2 FTS	U	0.666	ng/g	1	.8	0.666	0.101
7:3FTCA	U	4.16	ng/g	1	5	4.16	0.600
8:2 FTS	U	0.666	ng/g	1	.8	0.666	0.196
9Cl-PF3ONS	U	0.666	ng/g	1	.8	0.666	0.180
ADONA	U	0.666	ng/g	1	.8	0.666	0.126
GenX (HFPO-DA)	U	0.666	ng/g	1	.8	0.666	0.152
NEtFOSA	U	0.166	ng/g	1	.2	0.166	0.0558
NEtFOSAA	U	0.166	ng/g	1	.2	0.166	0.0500
NEtFOSE	U	1.66	ng/g	1	2	1.66	0.576
NFDHA	U	0.333	ng/g	1	.4	0.333	0.0450
NMeFOSA	U	0.166	ng/g	1	.2	0.166	0.0583
NMeFOSAA	U	0.166	ng/g	1	.2	0.166	0.0566
NMeFOSE	U	1.66	ng/g	1	2	1.66	0.587
PFBA	J	0.223	ng/g	1	.8	0.666	0.136
PFBS	U	0.166	ng/g	1	.2	0.166	0.0425
PFDA		0.211	ng/g	1	.2	0.166	0.0433
PFDoA	J	0.101	ng/g	1	.2	0.166	0.0758
PFDoS	U	0.166	ng/g	1	.2	0.166	0.0524
PFDS	U	0.166	ng/g	1	.2	0.166	0.0383
PFEESA	U	0.333	ng/g	1	.4	0.333	0.0649
PFHpA	J	0.136	ng/g	1	.2	0.166	0.0333
PFHpS	U	0.166	ng/g	1	.2	0.166	0.0458
PFHxA	J	0.154	ng/g	1	.2	0.166	0.0383
Total PFHxS	U	0.166	ng/g	1	.2	0.166	0.00583
PFMBA	U	0.333	ng/g	1	.4	0.333	0.0683
PFMPA	U	0.333	ng/g	1	.4	0.333	0.0982
Total PFNA		0.226	ng/g	1	.2	0.166	0.0116
PFNS	U	0.166	ng/g	1	.2	0.166	0.0441
Total PFOA		0.370	ng/g	1	.2	0.166	0.0233
PFOS		1.68	ng/g	1	.2	0.166	0.0491
PFOSA	U	0.166	ng/g	1	.2	0.166	0.0266

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-4
Client ID: 2SB-02 SURF
Matrix: SL
Lab File ID: 2LC04254

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.258	ng/g	1	.4	0.333	0.0699
PFPeS	U	0.166	ng/g	1	.2	0.166	0.0308
PFTeDA	U	0.166	ng/g	1	.2	0.166	0.0774
PFTrDA	J	0.0700	ng/g	1	.2	0.166	0.0450
PFUnA	J	0.151	ng/g	1	.2	0.166	0.0316
M-4:2 FTS-13C2		106.	%				
M-6:2 FTS-13C2		97.7	%				
M-8:2 FTS-13C2		160.	%				
M-GenX-13C3 (HFPO-DA)		77.4	%				
M-NEtFOSAA-D5		140.	%				
M-NEtFOSA-D5		59.4	%				
M-NEtFOSE-D9		66.0	%				
M-NMeFOSAA-D3		74.6	%				
M-NMeFOSA-D3		64.2	%				
M-NMeFOSE-D7		70.1	%				
M-PFBA-13C4		99.0	%				
M-PFBS-13C3		98.0	%				
M-PFDA-13C6		94.5	%				
M-PFDoA-13C2		103.	%				
M-PFHpA-13C4		85.7	%				
M-PFHxA-13C5		90.7	%				
M-PFHxS-13C3		93.4	%				
M-PFNA-13C9		96.4	%				
M-PFOA-13C8		93.0	%				
M-PFOS-13C8		93.3	%				
M-PFOSA-13C8		91.1	%				
M-PFPeA-13C5		93.2	%				
M-PFTeDA-13C2		108.	%				
M-PFUnA-13C7		102.	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-4
Client ID: 2SB-02 SURF
Lab File ID: 2LC04254

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	9	10		-	-
PFDA		314	3	3.542	1.707-5.12	1.762-5.28
PFDoA		214	3	3.642	1.819-5.45	1.739-5.21
PFHpA		644	3	2.122	1.042-3.12	1.037-3.11
PFHxA		43	3	8.889	4.616-13.8	4.534-13.6
PFNA		142	3	2.894	1.514-4.54	1.505-4.51
PFOA		235	3	1.621	.804-2.411	.78-2.34
PFOS		449	3	1.472	.878-2.634	.849-2.546
PFPeA		111	10		-	-
PFTrDA		236	3	2.614	1.242-3.72	1.238-3.71
PFUnA		222	3	3.89	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-5
Client ID: 2SB-02 5-7.5
Matrix: SL
Lab File ID: 2LC04255

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 90.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.540	ng/g	1	.8	0.540	0.156
3:3FTCA	U	0.675	ng/g	1	1	0.675	0.251
4:2 FTS	U	0.540	ng/g	1	.8	0.540	0.194
5:3FTCA	U	3.37	ng/g	1	5	3.37	0.594
6:2 FTS	U	0.540	ng/g	1	.8	0.540	0.0816
7:3FTCA	U	3.37	ng/g	1	5	3.37	0.486
8:2 FTS	U	0.540	ng/g	1	.8	0.540	0.158
9Cl-PF3ONS	U	0.540	ng/g	1	.8	0.540	0.146
ADONA	U	0.540	ng/g	1	.8	0.540	0.102
GenX (HFPO-DA)	U	0.540	ng/g	1	.8	0.540	0.123
NEtFOSA	U	0.135	ng/g	1	.2	0.135	0.0452
NEtFOSAA	U	0.135	ng/g	1	.2	0.135	0.0405
NEtFOSE	U	1.35	ng/g	1	2	1.35	0.467
NFDHA	U	0.270	ng/g	1	.4	0.270	0.0364
NMeFOSA	U	0.135	ng/g	1	.2	0.135	0.0472
NMeFOSAA	U	0.135	ng/g	1	.2	0.135	0.0459
NMeFOSE	U	1.35	ng/g	1	2	1.35	0.476
PFBA	U	0.540	ng/g	1	.8	0.540	0.111
PFBS	U	0.135	ng/g	1	.2	0.135	0.0344
PFDA	J	0.0356	ng/g	1	.2	0.135	0.0351
PFDoA	U	0.135	ng/g	1	.2	0.135	0.0614
PFDoS	U	0.135	ng/g	1	.2	0.135	0.0425
PFDS	U	0.135	ng/g	1	.2	0.135	0.0310
PFEESA	U	0.270	ng/g	1	.4	0.270	0.0526
PFHpA	J	0.0316	ng/g	1	.2	0.135	0.0270
PFHpS	U	0.135	ng/g	1	.2	0.135	0.0371
PFHxA	J	0.0437	ng/g	1	.2	0.135	0.0310
Total PFHxS	U	0.135	ng/g	1	.2	0.135	0.00472
PFMBA	U	0.270	ng/g	1	.4	0.270	0.0553
PFMPA	U	0.270	ng/g	1	.4	0.270	0.0796
Total PFNA	J	0.0393	ng/g	1	.2	0.135	0.00944
PFNS	U	0.135	ng/g	1	.2	0.135	0.0358
Total PFOA	J	0.0833	ng/g	1	.2	0.135	0.0189
PFOS		0.388	ng/g	1	.2	0.135	0.0398
PFOSA	U	0.135	ng/g	1	.2	0.135	0.0216

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-5
Client ID: 2SB-02 5-7.5
Matrix: SL
Lab File ID: 2LC04255

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 90.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.0738	ng/g	1	.4	0.270	0.0567
PFPeS	U	0.135	ng/g	1	.2	0.135	0.0250
PFTeDA	U	0.135	ng/g	1	.2	0.135	0.0627
PFTrDA	U	0.135	ng/g	1	.2	0.135	0.0364
PFUnA	J	0.0270	ng/g	1	.2	0.135	0.0256
M-4:2 FTS-13C2		82.4	%				
M-6:2 FTS-13C2		81.4	%				
M-8:2 FTS-13C2		78.6	%				
M-GenX-13C3 (HFPO-DA)		76.8	%				
M-NEtFOSAA-D5		87.2	%				
M-NEtFOSA-D5		54.1	%				
M-NEtFOSE-D9		59.8	%				
M-NMeFOSAA-D3		42.6	%				
M-NMeFOSA-D3		62.6	%				
M-NMeFOSE-D7		60.9	%				
M-PFBA-13C4		98.6	%				
M-PFBS-13C3		85.6	%				
M-PFDA-13C6		83.1	%				
M-PFDoA-13C2		77.9	%				
M-PFHpA-13C4		73.9	%				
M-PFHxA-13C5		77.3	%				
M-PFHxS-13C3		83.1	%				
M-PFNA-13C9		79.5	%				
M-PFOA-13C8		80.9	%				
M-PFOS-13C8		80.1	%				
M-PFOSA-13C8		76.5	%				
M-PFPeA-13C5		80.9	%				
M-PFTeDA-13C2		69.2	%				
M-PFUnA-13C7		82.9	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-5
Client ID: 2SB-02 5-7.5
Lab File ID: 2LC04255

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFDA		146	3	3.397	1.707-5.12	1.762-5.28
PFHpA		125	3	2.114	1.042-3.12	1.037-3.11
PFHxA		61	3	9.171	4.616-13.8	4.534-13.6
PFNA		151	3	3.114	1.514-4.54	1.505-4.51
PFOA		85	3	1.614	.804-2.411	.78-2.34
PFOS		970	3	1.662	.878-2.634	.849-2.546
PFPeA		87	10		-	-
PFUnA		62	3	4.94	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-6
Client ID: 2SB-02 7.5-10
Matrix: SL
Lab File ID: 2LC04256

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 70.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.574	ng/g	1	.8	0.574	0.166
3:3FTCA	U	0.718	ng/g	1	1	0.718	0.267
4:2 FTS	U	0.574	ng/g	1	.8	0.574	0.207
5:3FTCA	U	3.59	ng/g	1	5	3.59	0.632
6:2 FTS	U	0.574	ng/g	1	.8	0.574	0.0869
7:3FTCA	U	3.59	ng/g	1	5	3.59	0.518
8:2 FTS	U	0.574	ng/g	1	.8	0.574	0.169
9Cl-PF3ONS	U	0.574	ng/g	1	.8	0.574	0.155
ADONA	U	0.574	ng/g	1	.8	0.574	0.108
GenX (HFPO-DA)	U	0.574	ng/g	1	.8	0.574	0.131
NEtFOSA	U	0.144	ng/g	1	.2	0.144	0.0481
NEtFOSAA	U	0.144	ng/g	1	.2	0.144	0.0431
NEtFOSE	U	1.44	ng/g	1	2	1.44	0.497
NFDHA	U	0.287	ng/g	1	.4	0.287	0.0388
NMeFOSA	U	0.144	ng/g	1	.2	0.144	0.0502
NMeFOSAA	U	0.144	ng/g	1	.2	0.144	0.0488
NMeFOSE	U	1.44	ng/g	1	2	1.44	0.506
PFBA	U	0.574	ng/g	1	.8	0.574	0.118
PFBS	U	0.144	ng/g	1	.2	0.144	0.0366
PFDA	U	0.144	ng/g	1	.2	0.144	0.0373
PFDoA	U	0.144	ng/g	1	.2	0.144	0.0653
PFDoS	U	0.144	ng/g	1	.2	0.144	0.0452
PFDS	U	0.144	ng/g	1	.2	0.144	0.0330
PFEESA	U	0.287	ng/g	1	.4	0.287	0.0560
PFHpA	U	0.144	ng/g	1	.2	0.144	0.0287
PFHpS	U	0.144	ng/g	1	.2	0.144	0.0395
PFHxA	U	0.144	ng/g	1	.2	0.144	0.0330
Total PFHxS	U	0.144	ng/g	1	.2	0.144	0.00502
PFMBA	U	0.287	ng/g	1	.4	0.287	0.0589
PFMPA	U	0.287	ng/g	1	.4	0.287	0.0847
Total PFNA	U	0.144	ng/g	1	.2	0.144	0.0100
PFNS	U	0.144	ng/g	1	.2	0.144	0.0380
Total PFOA	J	0.0344	ng/g	1	.2	0.144	0.0201
PFOS	U	0.144	ng/g	1	.2	0.144	0.0424
PFOSA	U	0.144	ng/g	1	.2	0.144	0.0230

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-6
Client ID: 2SB-02 7.5-10
Matrix: SL
Lab File ID: 2LC04256

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 70.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.287	ng/g	1	.4	0.287	0.0603
PFPeS	U	0.144	ng/g	1	.2	0.144	0.0266
PFTeDA	U	0.144	ng/g	1	.2	0.144	0.0668
PFTrDA	U	0.144	ng/g	1	.2	0.144	0.0388
PFUnA	U	0.144	ng/g	1	.2	0.144	0.0273
M-4:2 FTS-13C2		82.5	%				
M-6:2 FTS-13C2		82.6	%				
M-8:2 FTS-13C2		76.8	%				
M-GenX-13C3 (HFPO-DA)		69.8	%				
M-NEtFOSAA-D5		87.8	%				
M-NEtFOSA-D5		47.3	%				
M-NEtFOSE-D9		52.2	%				
M-NMeFOSAA-D3		45.5	%				
M-NMeFOSA-D3		57.1	%				
M-NMeFOSE-D7		58.1	%				
M-PFBA-13C4		98.6	%				
M-PFBS-13C3		77.4	%				
M-PFDA-13C6		80.2	%				
M-PFDoA-13C2		74.9	%				
M-PFHpA-13C4		72.2	%				
M-PFHxA-13C5		76.0	%				
M-PFHxS-13C3		77.2	%				
M-PFNA-13C9		78.8	%				
M-PFOA-13C8		77.5	%				
M-PFOS-13C8		77.7	%				
M-PFOSA-13C8		73.7	%				
M-PFPeA-13C5		78.7	%				
M-PFTeDA-13C2		72.8	%				
M-PFUnA-13C7		81.5	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-6
Client ID: 2SB-02 7.5-10
Lab File ID: 2LC04256

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFOA		33	3	1.618	.804-2.411	.78-2.34

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-7
Client ID: 2SB-03 SURF
Matrix: SL
Lab File ID: 2LC04257

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 84.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.665	ng/g	1	.8	0.665	0.192
3:3FTCA	U	0.831	ng/g	1	1	0.831	0.309
4:2 FTS	U	0.665	ng/g	1	.8	0.665	0.239
5:3FTCA	U	4.16	ng/g	1	5	4.16	0.731
6:2 FTS	U	0.665	ng/g	1	.8	0.665	0.100
7:3FTCA	U	4.16	ng/g	1	5	4.16	0.599
8:2 FTS	U	0.665	ng/g	1	.8	0.665	0.195
9Cl-PF3ONS	U	0.665	ng/g	1	.8	0.665	0.180
ADONA	U	0.665	ng/g	1	.8	0.665	0.125
GenX (HFPO-DA)	U	0.665	ng/g	1	.8	0.665	0.151
NEtFOSA	U	0.166	ng/g	1	.2	0.166	0.0557
NEtFOSAA	U	0.166	ng/g	1	.2	0.166	0.0499
NEtFOSE	U	1.66	ng/g	1	2	1.66	0.575
NFDHA	U	0.332	ng/g	1	.4	0.332	0.0449
NMeFOSA	U	0.166	ng/g	1	.2	0.166	0.0582
NMeFOSAA	U	0.166	ng/g	1	.2	0.166	0.0565
NMeFOSE	U	1.66	ng/g	1	2	1.66	0.586
PFBA	J	0.245	ng/g	1	.8	0.665	0.136
PFBS	U	0.166	ng/g	1	.2	0.166	0.0424
PFDA	J	0.0679	ng/g	1	.2	0.166	0.0432
PFDoA	U	0.166	ng/g	1	.2	0.166	0.0756
PFDoS	U	0.166	ng/g	1	.2	0.166	0.0524
PFDS	U	0.166	ng/g	1	.2	0.166	0.0382
PFEESA	U	0.332	ng/g	1	.4	0.332	0.0648
PFHpA	J	0.153	ng/g	1	.2	0.166	0.0332
PFHpS	U	0.166	ng/g	1	.2	0.166	0.0457
PFHxA	J	0.133	ng/g	1	.2	0.166	0.0382
Total PFHxS	U	0.166	ng/g	1	.2	0.166	0.00582
PFMBA	U	0.332	ng/g	1	.4	0.332	0.0681
PFMPA	U	0.332	ng/g	1	.4	0.332	0.0981
Total PFNA	J	0.143	ng/g	1	.2	0.166	0.0116
PFNS	U	0.166	ng/g	1	.2	0.166	0.0440
Total PFOA		0.851	ng/g	1	.2	0.166	0.0233
PFOS		0.893	ng/g	1	.2	0.166	0.0490
PFOSA	U	0.166	ng/g	1	.2	0.166	0.0266

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-7
Client ID: 2SB-03 SURF
Matrix: SL
Lab File ID: 2LC04257

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 84.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.264	ng/g	1	.4	0.332	0.0698
PFPeS	U	0.166	ng/g	1	.2	0.166	0.0307
PFTeDA	U	0.166	ng/g	1	.2	0.166	0.0773
PFTrDA	U	0.166	ng/g	1	.2	0.166	0.0449
PFUnA	J	0.0646	ng/g	1	.2	0.166	0.0316
M-4:2 FTS-13C2		102.	%				
M-6:2 FTS-13C2		100.	%				
M-8:2 FTS-13C2		134.	%				
M-GenX-13C3 (HFPO-DA)		84.2	%				
M-NEtFOSAA-D5		125.	%				
M-NEtFOSA-D5		64.6	%				
M-NEtFOSE-D9		71.3	%				
M-NMeFOSAA-D3		70.4	%				
M-NMeFOSA-D3		71.3	%				
M-NMeFOSE-D7		74.5	%				
M-PFBA-13C4		98.7	%				
M-PFBS-13C3		97.5	%				
M-PFDA-13C6		102.	%				
M-PFDoA-13C2		107.	%				
M-PFHpA-13C4		89.0	%				
M-PFHxA-13C5		94.9	%				
M-PFHxS-13C3		92.7	%				
M-PFNA-13C9		98.6	%				
M-PFOA-13C8		95.7	%				
M-PFOS-13C8		95.8	%				
M-PFOSA-13C8		88.1	%				
M-PFPeA-13C5		95.5	%				
M-PFTeDA-13C2		116.	%				
M-PFUnA-13C7		110.	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-7
Client ID: 2SB-03 SURF
Lab File ID: 2LC04257

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		10	10		-	-
PFDA		213	3	3.582	1.707-5.12	1.762-5.28
PFHpA		288	3	2.089	1.042-3.12	1.037-3.11
PFHxA		104	3	9.391	4.616-13.8	4.534-13.6
PFNA		307	3	3.143	1.514-4.54	1.505-4.51
PFOA		414	3	1.582	.804-2.411	.78-2.34
PFOS		478	3	1.584	.878-2.634	.849-2.546
PFPeA		224	10		-	-
PFUnA		209	3	4.434	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-8
Client ID: 2SB-03 10-12.5
Matrix: SL
Lab File ID: 2LC04258

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.505	ng/g	1	.8	0.505	0.146
3:3FTCA	U	0.631	ng/g	1	1	0.631	0.235
4:2 FTS	U	0.505	ng/g	1	.8	0.505	0.182
5:3FTCA	U	3.15	ng/g	1	5	3.15	0.555
6:2 FTS	U	0.505	ng/g	1	.8	0.505	0.0763
7:3FTCA	U	3.15	ng/g	1	5	3.15	0.455
8:2 FTS	U	0.505	ng/g	1	.8	0.505	0.148
9Cl-PF3ONS	U	0.505	ng/g	1	.8	0.505	0.136
ADONA	U	0.505	ng/g	1	.8	0.505	0.0953
GenX (HFPO-DA)	U	0.505	ng/g	1	.8	0.505	0.115
NEtFOSA	U	0.126	ng/g	1	.2	0.126	0.0423
NEtFOSAA	U	0.126	ng/g	1	.2	0.126	0.0378
NEtFOSE	U	1.26	ng/g	1	2	1.26	0.436
NFDHA	U	0.252	ng/g	1	.4	0.252	0.0341
NMeFOSA	U	0.126	ng/g	1	.2	0.126	0.0442
NMeFOSAA	U	0.126	ng/g	1	.2	0.126	0.0429
NMeFOSE	U	1.26	ng/g	1	2	1.26	0.445
PFBA	U	0.505	ng/g	1	.8	0.505	0.103
PFBS	U	0.126	ng/g	1	.2	0.126	0.0322
PFDA	U	0.126	ng/g	1	.2	0.126	0.0328
PFDoA	U	0.126	ng/g	1	.2	0.126	0.0574
PFDoS	U	0.126	ng/g	1	.2	0.126	0.0397
PFDS	U	0.126	ng/g	1	.2	0.126	0.0290
PFEESA	U	0.252	ng/g	1	.4	0.252	0.0492
PFHpA	U	0.126	ng/g	1	.2	0.126	0.0252
PFHpS	U	0.126	ng/g	1	.2	0.126	0.0347
PFHxA	U	0.126	ng/g	1	.2	0.126	0.0290
Total PFHxS	U	0.126	ng/g	1	.2	0.126	0.00442
PFMBA	U	0.252	ng/g	1	.4	0.252	0.0517
PFMPA	U	0.252	ng/g	1	.4	0.252	0.0744
Total PFNA	U	0.126	ng/g	1	.2	0.126	0.00883
PFNS	U	0.126	ng/g	1	.2	0.126	0.0334
Total PFOA	J	0.0345	ng/g	1	.2	0.126	0.0177
PFOS	U	0.126	ng/g	1	.2	0.126	0.0372
PFOSA	U	0.126	ng/g	1	.2	0.126	0.0202

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-8
Client ID: 2SB-03 10-12.5
Matrix: SL
Lab File ID: 2LC04258

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.252	ng/g	1	.4	0.252	0.0530
PFPeS	U	0.126	ng/g	1	.2	0.126	0.0233
PFTeDA	U	0.126	ng/g	1	.2	0.126	0.0587
PFTrDA	U	0.126	ng/g	1	.2	0.126	0.0341
PFUnA	U	0.126	ng/g	1	.2	0.126	0.0240
M-4:2 FTS-13C2		93.2	%				
M-6:2 FTS-13C2		97.4	%				
M-8:2 FTS-13C2		88.2	%				
M-GenX-13C3 (HFPO-DA)		79.3	%				
M-NEtFOSAA-D5		101.	%				
M-NEtFOSA-D5		63.7	%				
M-NEtFOSE-D9		68.8	%				
M-NMeFOSAA-D3		52.2	%				
M-NMeFOSA-D3		71.2	%				
M-NMeFOSE-D7		71.7	%				
M-PFBA-13C4		98.8	%				
M-PFBS-13C3		89.3	%				
M-PFDA-13C6		95.8	%				
M-PFDoA-13C2		92.1	%				
M-PFHpA-13C4		85.9	%				
M-PFHxA-13C5		89.9	%				
M-PFHxS-13C3		91.3	%				
M-PFNA-13C9		91.8	%				
M-PFOA-13C8		91.8	%				
M-PFOS-13C8		92.9	%				
M-PFOSA-13C8		89.1	%				
M-PFPeA-13C5		93.4	%				
M-PFTeDA-13C2		84.4	%				
M-PFUnA-13C7		94.9	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-8
Client ID: 2SB-03 10-12.5
Lab File ID: 2LC04258

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFOA		92	3	1.663	.804-2.411	.78-2.34

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-9RE
Client ID: 2SB-03 12.5-15
Matrix: SL
Lab File ID: 2LC04395

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.543	ng/g	1	.8	0.543	0.157
3:3FTCA	U	0.679	ng/g	1	1	0.679	0.252
4:2 FTS	U	0.543	ng/g	1	.8	0.543	0.196
5:3FTCA	U	3.39	ng/g	1	5	3.39	0.597
6:2 FTS	U	0.543	ng/g	1	.8	0.543	0.0821
7:3FTCA	U	3.39	ng/g	1	5	3.39	0.489
8:2 FTS	U	0.543	ng/g	1	.8	0.543	0.160
9Cl-PF3ONS	U	0.543	ng/g	1	.8	0.543	0.147
ADONA	U	0.543	ng/g	1	.8	0.543	0.102
GenX (HFPO-DA)	U	0.543	ng/g	1	.8	0.543	0.124
NEtFOSA	U	0.136	ng/g	1	.2	0.136	0.0455
NEtFOSAA	U	0.136	ng/g	1	.2	0.136	0.0407
NEtFOSE	U	1.36	ng/g	1	2	1.36	0.470
NFDHA	U	0.272	ng/g	1	.4	0.272	0.0367
NMeFOSA	U	0.136	ng/g	1	.2	0.136	0.0475
NMeFOSAA	U	0.136	ng/g	1	.2	0.136	0.0462
NMeFOSE	U	1.36	ng/g	1	2	1.36	0.479
PFBA	U	0.543	ng/g	1	.8	0.543	0.111
PFBS	U	0.136	ng/g	1	.2	0.136	0.0346
PFDA	U	0.136	ng/g	1	.2	0.136	0.0353
PFDoA	U	0.136	ng/g	1	.2	0.136	0.0618
PFDoS	U	0.136	ng/g	1	.2	0.136	0.0428
PFDS	U	0.136	ng/g	1	.2	0.136	0.0312
PFEESA	U	0.272	ng/g	1	.4	0.272	0.0530
PFHpA	U	0.136	ng/g	1	.2	0.136	0.0272
PFHpS	U	0.136	ng/g	1	.2	0.136	0.0373
PFHxA	U	0.136	ng/g	1	.2	0.136	0.0312
Total PFHxS	U	0.136	ng/g	1	.2	0.136	0.00475
PFMBA	U	0.272	ng/g	1	.4	0.272	0.0557
PFMPA	U	0.272	ng/g	1	.4	0.272	0.0801
Total PFNA	U	0.136	ng/g	1	.2	0.136	0.00950
PFNS	U	0.136	ng/g	1	.2	0.136	0.0360
Total PFOA	J	0.0278	ng/g	1	.2	0.136	0.0190
PFOS	U	0.136	ng/g	1	.2	0.136	0.0400
PFOSA	U	0.136	ng/g	1	.2	0.136	0.0217

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-9RE
Client ID: 2SB-03 12.5-15
Matrix: SL
Lab File ID: 2LC04395

Sample Date: 01-OCT-25
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: 89.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.272	ng/g	1	.4	0.272	0.0570
PFPeS	U	0.136	ng/g	1	.2	0.136	0.0251
PFTeDA	U	0.136	ng/g	1	.2	0.136	0.0631
PFTrDA	U	0.136	ng/g	1	.2	0.136	0.0367
PFUnA	U	0.136	ng/g	1	.2	0.136	0.0258
M-4:2 FTS-13C2		80.7	%				
M-6:2 FTS-13C2		82.3	%				
M-8:2 FTS-13C2		71.5	%				
M-GenX-13C3 (HFPO-DA)		87.7	%				
M-NEtFOSAA-D5		54.9	%				
M-NEtFOSA-D5		42.8	%				
M-NEtFOSE-D9		62.0	%				
M-NMeFOSAA-D3		51.8	%				
M-NMeFOSA-D3		52.4	%				
M-NMeFOSE-D7		59.7	%				
M-PFBA-13C4		106.	%				
M-PFBS-13C3		74.3	%				
M-PFDA-13C6		76.2	%				
M-PFDoA-13C2		67.5	%				
M-PFHpA-13C4		77.7	%				
M-PFHxA-13C5		68.4	%				
M-PFHxS-13C3		78.2	%				
M-PFNA-13C9		79.4	%				
M-PFOA-13C8		76.3	%				
M-PFOS-13C8		75.9	%				
M-PFOSA-13C8		70.0	%				
M-PFPeA-13C5		85.4	%				
M-PFTeDA-13C2		60.4	%				
M-PFUnA-13C7		73.0	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-9RE
Client ID: 2SB-03 12.5-15
Lab File ID: 2LC04395

ICAL Midpoint: WG377859-4
ICAL MP File ID: 2LC04324
Opening CV: WG377859-15
Opening CV File ID: 2LC04333

Analysis Date: 11-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 14-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFOA		20	3	1.584	.792-2.375	.775-2.324

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-10
Client ID: 2SB-04 SURF
Matrix: SL
Lab File ID: 2LC04260

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 83.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.699	ng/g	1	.8	0.699	0.202
3:3FTCA	U	0.873	ng/g	1	1	0.873	0.325
4:2 FTS	U	0.699	ng/g	1	.8	0.699	0.252
5:3FTCA	U	4.37	ng/g	1	5	4.37	0.769
6:2 FTS	U	0.699	ng/g	1	.8	0.699	0.106
7:3FTCA	U	4.37	ng/g	1	5	4.37	0.630
8:2 FTS	U	0.699	ng/g	1	.8	0.699	0.205
9Cl-PF3ONS	U	0.699	ng/g	1	.8	0.699	0.189
ADONA	U	0.699	ng/g	1	.8	0.699	0.132
GenX (HFPO-DA)	U	0.699	ng/g	1	.8	0.699	0.159
NEtFOSA	U	0.175	ng/g	1	.2	0.175	0.0585
NEtFOSAA	U	0.175	ng/g	1	.2	0.175	0.0524
NEtFOSE	U	1.75	ng/g	1	2	1.75	0.604
NFDHA	U	0.349	ng/g	1	.4	0.349	0.0472
NMeFOSA	U	0.175	ng/g	1	.2	0.175	0.0611
NMeFOSAA	U	0.175	ng/g	1	.2	0.175	0.0594
NMeFOSE	U	1.75	ng/g	1	2	1.75	0.616
PFBA	J	0.176	ng/g	1	.8	0.699	0.143
PFBS	U	0.175	ng/g	1	.2	0.175	0.0445
PFDA	J	0.104	ng/g	1	.2	0.175	0.0454
PFDoA	U	0.175	ng/g	1	.2	0.175	0.0795
PFDoS	U	0.175	ng/g	1	.2	0.175	0.0550
PFDS	U	0.175	ng/g	1	.2	0.175	0.0402
PFEESA	U	0.349	ng/g	1	.4	0.349	0.0681
PFHpA	J	0.140	ng/g	1	.2	0.175	0.0349
PFHpS	U	0.175	ng/g	1	.2	0.175	0.0480
PFHxA	J	0.126	ng/g	1	.2	0.175	0.0402
Total PFHxS	U	0.175	ng/g	1	.2	0.175	0.00611
PFMBA	U	0.349	ng/g	1	.4	0.349	0.0716
PFMPA	U	0.349	ng/g	1	.4	0.349	0.103
Total PFNA		0.243	ng/g	1	.2	0.175	0.0122
PFNS	U	0.175	ng/g	1	.2	0.175	0.0463
Total PFOA		0.768	ng/g	1	.2	0.175	0.0244
PFOS		1.10	ng/g	1	.2	0.175	0.0515
PFOSA	U	0.175	ng/g	1	.2	0.175	0.0279

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-10
Client ID: 2SB-04 SURF
Matrix: SL
Lab File ID: 2LC04260

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 83.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.158	ng/g	1	.4	0.349	0.0734
PFPeS	U	0.175	ng/g	1	.2	0.175	0.0323
PFTeDA	U	0.175	ng/g	1	.2	0.175	0.0812
PFTrDA	U	0.175	ng/g	1	.2	0.175	0.0472
PFUnA	J	0.101	ng/g	1	.2	0.175	0.0332
M-4:2 FTS-13C2		94.0	%				
M-6:2 FTS-13C2		93.2	%				
M-8:2 FTS-13C2		107.	%				
M-GenX-13C3 (HFPO-DA)		80.2	%				
M-NEtFOSAA-D5		116.	%				
M-NEtFOSA-D5		60.4	%				
M-NEtFOSE-D9		59.1	%				
M-NMeFOSAA-D3		65.6	%				
M-NMeFOSA-D3		69.6	%				
M-NMeFOSE-D7		68.9	%				
M-PFBA-13C4		98.9	%				
M-PFBS-13C3		90.4	%				
M-PFDA-13C6		90.9	%				
M-PFDoA-13C2		93.2	%				
M-PFHpA-13C4		82.7	%				
M-PFHxA-13C5		86.7	%				
M-PFHxS-13C3		86.0	%				
M-PFNA-13C9		86.4	%				
M-PFOA-13C8		88.2	%				
M-PFOS-13C8		89.4	%				
M-PFOSA-13C8		85.7	%				
M-PFPeA-13C5		86.6	%				
M-PFTeDA-13C2		92.8	%				
M-PFUnA-13C7		91.3	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-10
Client ID: 2SB-04 SURF
Lab File ID: 2LC04260

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	5	10		-	-
PFDA		191	3	3.581	1.707-5.12	1.762-5.28
PFHpA		416	3	2.11	1.042-3.12	1.037-3.11
PFHxA		68	3	10.973	4.616-13.8	4.534-13.6
PFNA		204	3	3.103	1.514-4.54	1.505-4.51
PFOA		416	3	1.624	.804-2.411	.78-2.34
PFOS		596	3	1.444	.878-2.634	.849-2.546
PFPeA		83	10		-	-
PFUnA		180	3	3.421	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-11
Client ID: 2SB-04 0-5
Matrix: SL
Lab File ID: 2LC04263

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.716	ng/g	1	.8	0.716	0.207
3:3FTCA	U	0.894	ng/g	1	1	0.894	0.333
4:2 FTS	U	0.716	ng/g	1	.8	0.716	0.258
5:3FTCA	U	4.47	ng/g	1	5	4.47	0.787
6:2 FTS	U	0.716	ng/g	1	.8	0.716	0.108
7:3FTCA	U	4.47	ng/g	1	5	4.47	0.645
8:2 FTS	U	0.716	ng/g	1	.8	0.716	0.210
9Cl-PF3ONS	U	0.716	ng/g	1	.8	0.716	0.193
ADONA	U	0.716	ng/g	1	.8	0.716	0.135
GenX (HFPO-DA)	U	0.716	ng/g	1	.8	0.716	0.163
NEtFOSA	U	0.179	ng/g	1	.2	0.179	0.0599
NEtFOSAA	U	0.179	ng/g	1	.2	0.179	0.0537
NEtFOSE	U	1.79	ng/g	1	2	1.79	0.619
NFDHA	U	0.358	ng/g	1	.4	0.358	0.0483
NMeFOSA	U	0.179	ng/g	1	.2	0.179	0.0626
NMeFOSAA	U	0.179	ng/g	1	.2	0.179	0.0608
NMeFOSE	U	1.79	ng/g	1	2	1.79	0.631
PFBA	J	0.163	ng/g	1	.8	0.716	0.147
PFBS	U	0.179	ng/g	1	.2	0.179	0.0456
PFDA	J	0.0539	ng/g	1	.2	0.179	0.0465
PFDoA	U	0.179	ng/g	1	.2	0.179	0.0814
PFDoS	U	0.179	ng/g	1	.2	0.179	0.0564
PFDS	U	0.179	ng/g	1	.2	0.179	0.0412
PFEESA	U	0.358	ng/g	1	.4	0.358	0.0698
PFHpA	J	0.109	ng/g	1	.2	0.179	0.0358
PFHpS	U	0.179	ng/g	1	.2	0.179	0.0492
PFHxA	J	0.107	ng/g	1	.2	0.179	0.0412
Total PFHxS	U	0.179	ng/g	1	.2	0.179	0.00626
PFMBA	U	0.358	ng/g	1	.4	0.358	0.0734
PFMPA	U	0.358	ng/g	1	.4	0.358	0.106
Total PFNA	J	0.161	ng/g	1	.2	0.179	0.0125
PFNS	U	0.179	ng/g	1	.2	0.179	0.0474
Total PFOA		0.579	ng/g	1	.2	0.179	0.0250
PFOS		1.16	ng/g	1	.2	0.179	0.0528
PFOSA	U	0.179	ng/g	1	.2	0.179	0.0286

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-11
Client ID: 2SB-04 0-5
Matrix: SL
Lab File ID: 2LC04263

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.157	ng/g	1	.4	0.358	0.0751
PFPeS	U	0.179	ng/g	1	.2	0.179	0.0331
PFTeDA	U	0.179	ng/g	1	.2	0.179	0.0832
PFTrDA	U	0.179	ng/g	1	.2	0.179	0.0483
PFUnA	U	0.179	ng/g	1	.2	0.179	0.0340
M-4:2 FTS-13C2		92.7	%				
M-6:2 FTS-13C2		94.6	%				
M-8:2 FTS-13C2		105.	%				
M-GenX-13C3 (HFPO-DA)		77.3	%				
M-NEtFOSAA-D5		107.	%				
M-NEtFOSA-D5		63.7	%				
M-NEtFOSE-D9		67.4	%				
M-NMeFOSAA-D3		58.2	%				
M-NMeFOSA-D3		70.3	%				
M-NMeFOSE-D7		66.7	%				
M-PFBA-13C4		99.9	%				
M-PFBS-13C3		83.1	%				
M-PFDA-13C6		92.1	%				
M-PFDoA-13C2		92.2	%				
M-PFHpA-13C4		80.1	%				
M-PFHxA-13C5		87.1	%				
M-PFHxS-13C3		83.9	%				
M-PFNA-13C9		86.2	%				
M-PFOA-13C8		88.2	%				
M-PFOS-13C8		84.6	%				
M-PFOSA-13C8		80.5	%				
M-PFPeA-13C5		84.0	%				
M-PFTeDA-13C2		100.	%				
M-PFUnA-13C7		92.9	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-11
Client ID: 2SB-04 0-5
Lab File ID: 2LC04263

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA	S	4	10		-	-
PFDA		94	3	3.266	1.707-5.12	1.762-5.28
PFHpA		512	3	2.136	1.042-3.12	1.037-3.11
PFHxA		61	3	9.936	4.616-13.8	4.534-13.6
PFNA		211	3	2.98	1.514-4.54	1.505-4.51
PFOA		310	3	1.611	.804-2.411	.78-2.34
PFOS		651	3	1.536	.878-2.634	.849-2.546
PFPeA		99	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-12
Client ID: 2SB-04 10-15
Matrix: SL
Lab File ID: 2LC04264

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 93.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.664	ng/g	1	.8	0.664	0.192
3:3FTCA	U	0.830	ng/g	1	1	0.830	0.309
4:2 FTS	U	0.664	ng/g	1	.8	0.664	0.239
5:3FTCA	U	4.15	ng/g	1	5	4.15	0.731
6:2 FTS	U	0.664	ng/g	1	.8	0.664	0.100
7:3FTCA	U	4.15	ng/g	1	5	4.15	0.599
8:2 FTS	U	0.664	ng/g	1	.8	0.664	0.195
9Cl-PF3ONS	U	0.664	ng/g	1	.8	0.664	0.179
ADONA	U	0.664	ng/g	1	.8	0.664	0.125
GenX (HFPO-DA)	U	0.664	ng/g	1	.8	0.664	0.151
NEtFOSA	U	0.166	ng/g	1	.2	0.166	0.0556
NEtFOSAA	U	0.166	ng/g	1	.2	0.166	0.0498
NEtFOSE	U	1.66	ng/g	1	2	1.66	0.575
NFDHA	U	0.332	ng/g	1	.4	0.332	0.0448
NMeFOSA	U	0.166	ng/g	1	.2	0.166	0.0581
NMeFOSAA	U	0.166	ng/g	1	.2	0.166	0.0565
NMeFOSE	U	1.66	ng/g	1	2	1.66	0.585
PFBA	U	0.664	ng/g	1	.8	0.664	0.136
PFBS	U	0.166	ng/g	1	.2	0.166	0.0424
PFDA	U	0.166	ng/g	1	.2	0.166	0.0432
PFDoA	U	0.166	ng/g	1	.2	0.166	0.0756
PFDoS	U	0.166	ng/g	1	.2	0.166	0.0523
PFDS	U	0.166	ng/g	1	.2	0.166	0.0382
PFEESA	U	0.332	ng/g	1	.4	0.332	0.0648
PFHpA	U	0.166	ng/g	1	.2	0.166	0.0332
PFHpS	U	0.166	ng/g	1	.2	0.166	0.0457
PFHxA	U	0.166	ng/g	1	.2	0.166	0.0382
Total PFHxS	U	0.166	ng/g	1	.2	0.166	0.00581
PFMBA	U	0.332	ng/g	1	.4	0.332	0.0681
PFMPA	U	0.332	ng/g	1	.4	0.332	0.0980
Total PFNA	U	0.166	ng/g	1	.2	0.166	0.0116
PFNS	U	0.166	ng/g	1	.2	0.166	0.0440
Total PFOA	U	0.166	ng/g	1	.2	0.166	0.0232
PFOS	U	0.166	ng/g	1	.2	0.166	0.0490
PFOSA	U	0.166	ng/g	1	.2	0.166	0.0266

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-12
Client ID: 2SB-04 10-15
Matrix: SL
Lab File ID: 2LC04264

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 93.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.332	ng/g	1	.4	0.332	0.0698
PFPeS	U	0.166	ng/g	1	.2	0.166	0.0307
PFTeDA	U	0.166	ng/g	1	.2	0.166	0.0772
PFTrDA	U	0.166	ng/g	1	.2	0.166	0.0448
PFUnA	U	0.166	ng/g	1	.2	0.166	0.0316
M-4:2 FTS-13C2		93.3	%				
M-6:2 FTS-13C2		99.1	%				
M-8:2 FTS-13C2		83.3	%				
M-GenX-13C3 (HFPO-DA)		83.0	%				
M-NEtFOSAA-D5		99.1	%				
M-NEtFOSA-D5		71.2	%				
M-NEtFOSE-D9		72.6	%				
M-NMeFOSAA-D3		55.9	%				
M-NMeFOSA-D3		79.5	%				
M-NMeFOSE-D7		72.6	%				
M-PFBA-13C4		99.4	%				
M-PFBS-13C3		85.1	%				
M-PFDA-13C6		90.6	%				
M-PFDoA-13C2		83.9	%				
M-PFHpA-13C4		82.5	%				
M-PFHxA-13C5		87.6	%				
M-PFHxS-13C3		90.5	%				
M-PFNA-13C9		84.7	%				
M-PFOA-13C8		88.0	%				
M-PFOS-13C8		90.4	%				
M-PFOSA-13C8		87.5	%				
M-PFPeA-13C5		86.8	%				
M-PFTeDA-13C2		91.7	%				
M-PFUnA-13C7		91.5	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-13
Client ID: 2SB-05 SURF
Matrix: SL
Lab File ID: 2LC04265

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 78.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.745	ng/g	1	.8	0.745	0.215
3:3FTCA	U	0.932	ng/g	1	1	0.932	0.346
4:2 FTS	U	0.745	ng/g	1	.8	0.745	0.268
5:3FTCA	U	4.66	ng/g	1	5	4.66	0.820
6:2 FTS	U	0.745	ng/g	1	.8	0.745	0.113
7:3FTCA	U	4.66	ng/g	1	5	4.66	0.672
8:2 FTS	U	0.745	ng/g	1	.8	0.745	0.219
9Cl-PF3ONS	U	0.745	ng/g	1	.8	0.745	0.201
ADONA	U	0.745	ng/g	1	.8	0.745	0.141
GenX (HFPO-DA)	U	0.745	ng/g	1	.8	0.745	0.170
NEtFOSA	U	0.186	ng/g	1	.2	0.186	0.0624
NEtFOSAA	U	0.186	ng/g	1	.2	0.186	0.0559
NEtFOSE	U	1.86	ng/g	1	2	1.86	0.645
NFDHA	U	0.373	ng/g	1	.4	0.373	0.0503
NMeFOSA	U	0.186	ng/g	1	.2	0.186	0.0652
NMeFOSAA	U	0.186	ng/g	1	.2	0.186	0.0633
NMeFOSE	U	1.86	ng/g	1	2	1.86	0.657
PFBA	J	0.334	ng/g	1	.8	0.745	0.153
PFBS	U	0.186	ng/g	1	.2	0.186	0.0475
PFDA		0.344	ng/g	1	.2	0.186	0.0484
PFDoA	J	0.184	ng/g	1	.2	0.186	0.0848
PFDoS	U	0.186	ng/g	1	.2	0.186	0.0587
PFDS	U	0.186	ng/g	1	.2	0.186	0.0428
PFEESA	U	0.373	ng/g	1	.4	0.373	0.0727
PFHpA	J	0.160	ng/g	1	.2	0.186	0.0373
PFHpS	U	0.186	ng/g	1	.2	0.186	0.0512
PFHxA	J	0.168	ng/g	1	.2	0.186	0.0428
Total PFHxS	U	0.186	ng/g	1	.2	0.186	0.00652
PFMBA	U	0.373	ng/g	1	.4	0.373	0.0764
PFMPA	U	0.373	ng/g	1	.4	0.373	0.110
Total PFNA		0.400	ng/g	1	.2	0.186	0.0130
PFNS	U	0.186	ng/g	1	.2	0.186	0.0494
Total PFOA		0.576	ng/g	1	.2	0.186	0.0261
PFOS		1.64	ng/g	1	.2	0.186	0.0550
PFOSA	U	0.186	ng/g	1	.2	0.186	0.0298

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-13
Client ID: 2SB-05 SURF
Matrix: SL
Lab File ID: 2LC04265

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 78.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.271	ng/g	1	.4	0.373	0.0782
PFPeS	U	0.186	ng/g	1	.2	0.186	0.0345
PFTeDA	J	0.128	ng/g	1	.2	0.186	0.0866
PFTrDA		0.189	ng/g	1	.2	0.186	0.0503
PFUnA		0.353	ng/g	1	.2	0.186	0.0354
M-4:2 FTS-13C2		112.	%				
M-6:2 FTS-13C2		98.1	%				
M-8:2 FTS-13C2		181.	%				
M-GenX-13C3 (HFPO-DA)		80.5	%				
M-NEtFOSAA-D5		136.	%				
M-NEtFOSA-D5		59.2	%				
M-NEtFOSE-D9		51.9	%				
M-NMeFOSAA-D3		78.4	%				
M-NMeFOSA-D3		69.7	%				
M-NMeFOSE-D7		69.8	%				
M-PFBA-13C4		99.5	%				
M-PFBS-13C3		86.3	%				
M-PFDA-13C6		92.6	%				
M-PFDoA-13C2		101.	%				
M-PFHpA-13C4		82.0	%				
M-PFHxA-13C5		89.0	%				
M-PFHxS-13C3		84.1	%				
M-PFNA-13C9		83.1	%				
M-PFOA-13C8		86.6	%				
M-PFOS-13C8		87.3	%				
M-PFOSA-13C8		98.1	%				
M-PFPeA-13C5		84.6	%				
M-PFTeDA-13C2		110.	%				
M-PFUnA-13C7		98.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-13
Client ID: 2SB-05 SURF
Lab File ID: 2LC04265

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		12	10		-	-
PFDA		631	3	3.604	1.707-5.12	1.762-5.28
PFDoA		259	3	3.615	1.819-5.45	1.739-5.21
PFHpA		326	3	2.101	1.042-3.12	1.037-3.11
PFHxA		20	3	9.839	4.616-13.8	4.534-13.6
PFNA		446	3	3.033	1.514-4.54	1.505-4.51
PFOA		646	3	1.625	.804-2.411	.78-2.34
PFOS		514	3	1.548	.878-2.634	.849-2.546
PFPeA		189	10		-	-
PFTeDA		129	3	2.379	1.197-3.59	1.14-3.419
PFTrDA		480	3	2.544	1.242-3.72	1.238-3.71
PFUnA		374	3	4.252	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-14
Client ID: 2SB-05 5-7
Matrix: SL
Lab File ID: 2LC04266

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.612	ng/g	1	.8	0.612	0.177
3:3FTCA	U	0.765	ng/g	1	1	0.765	0.285
4:2 FTS	U	0.612	ng/g	1	.8	0.612	0.220
5:3FTCA	U	3.83	ng/g	1	5	3.83	0.673
6:2 FTS	U	0.612	ng/g	1	.8	0.612	0.0926
7:3FTCA	U	3.83	ng/g	1	5	3.83	0.552
8:2 FTS	U	0.612	ng/g	1	.8	0.612	0.180
9Cl-PF3ONS	U	0.612	ng/g	1	.8	0.612	0.165
ADONA	U	0.612	ng/g	1	.8	0.612	0.116
GenX (HFPO-DA)	U	0.612	ng/g	1	.8	0.612	0.139
NEtFOSA	U	0.153	ng/g	1	.2	0.153	0.0513
NEtFOSAA	U	0.153	ng/g	1	.2	0.153	0.0459
NEtFOSE	U	1.53	ng/g	1	2	1.53	0.530
NFDHA	U	0.306	ng/g	1	.4	0.306	0.0413
NMeFOSA	U	0.153	ng/g	1	.2	0.153	0.0536
NMeFOSAA	U	0.153	ng/g	1	.2	0.153	0.0520
NMeFOSE	U	1.53	ng/g	1	2	1.53	0.540
PFBA	U	0.612	ng/g	1	.8	0.612	0.126
PFBS	U	0.153	ng/g	1	.2	0.153	0.0390
PFDA	U	0.153	ng/g	1	.2	0.153	0.0398
PFDoA	U	0.153	ng/g	1	.2	0.153	0.0696
PFDoS	U	0.153	ng/g	1	.2	0.153	0.0482
PFDS	U	0.153	ng/g	1	.2	0.153	0.0352
PFEESA	U	0.306	ng/g	1	.4	0.306	0.0597
PFHpA	J	0.0559	ng/g	1	.2	0.153	0.0306
PFHpS	U	0.153	ng/g	1	.2	0.153	0.0421
PFHxA	J	0.0422	ng/g	1	.2	0.153	0.0352
Total PFHxS	U	0.153	ng/g	1	.2	0.153	0.00536
PFMBA	U	0.306	ng/g	1	.4	0.306	0.0628
PFMPA	U	0.306	ng/g	1	.4	0.306	0.0903
Total PFNA	U	0.153	ng/g	1	.2	0.153	0.0107
PFNS	U	0.153	ng/g	1	.2	0.153	0.0406
Total PFOA	J	0.108	ng/g	1	.2	0.153	0.0214
PFOS	J	0.144	ng/g	1	.2	0.153	0.0452
PFOSA	U	0.153	ng/g	1	.2	0.153	0.0245

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-14
Client ID: 2SB-05 5-7
Matrix: SL
Lab File ID: 2LC04266

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 87.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.306	ng/g	1	.4	0.306	0.0643
PFPeS	U	0.153	ng/g	1	.2	0.153	0.0283
PFTeDA	U	0.153	ng/g	1	.2	0.153	0.0712
PFTrDA	U	0.153	ng/g	1	.2	0.153	0.0413
PFUnA	U	0.153	ng/g	1	.2	0.153	0.0291
M-4:2 FTS-13C2		90.0	%				
M-6:2 FTS-13C2		92.2	%				
M-8:2 FTS-13C2		83.4	%				
M-GenX-13C3 (HFPO-DA)		73.6	%				
M-NEtFOSAA-D5		90.3	%				
M-NEtFOSA-D5		58.7	%				
M-NEtFOSE-D9		64.6	%				
M-NMeFOSAA-D3		46.1	%				
M-NMeFOSA-D3		66.6	%				
M-NMeFOSE-D7		65.0	%				
M-PFBA-13C4		99.3	%				
M-PFBS-13C3		80.2	%				
M-PFDA-13C6		87.4	%				
M-PFDoA-13C2		86.5	%				
M-PFHpA-13C4		73.1	%				
M-PFHxA-13C5		77.6	%				
M-PFHxS-13C3		80.5	%				
M-PFNA-13C9		77.0	%				
M-PFOA-13C8		80.1	%				
M-PFOS-13C8		81.7	%				
M-PFOSA-13C8		78.9	%				
M-PFPeA-13C5		74.7	%				
M-PFTeDA-13C2		91.8	%				
M-PFUnA-13C7		87.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-14
Client ID: 2SB-05 5-7
Lab File ID: 2LC04266

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		121	3	2.115	1.042-3.12	1.037-3.11
PFHxA		113	3	8.906	4.616-13.8	4.534-13.6
PFOA		69	3	1.564	.804-2.411	.78-2.34
PFOS		163	3	1.935	.878-2.634	.849-2.546

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-15
Client ID: 2SB-06 SURF
Matrix: SL
Lab File ID: 2LC04267

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 68.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.748	ng/g	1	.8	0.748	0.216
3:3FTCA	U	0.935	ng/g	1	1	0.935	0.348
4:2 FTS	U	0.748	ng/g	1	.8	0.748	0.269
5:3FTCA	U	4.68	ng/g	1	5	4.68	0.823
6:2 FTS	U	0.748	ng/g	1	.8	0.748	0.113
7:3FTCA	U	4.68	ng/g	1	5	4.68	0.674
8:2 FTS	U	0.748	ng/g	1	.8	0.748	0.220
9Cl-PF3ONS	U	0.748	ng/g	1	.8	0.748	0.202
ADONA	U	0.748	ng/g	1	.8	0.748	0.141
GenX (HFPO-DA)	U	0.748	ng/g	1	.8	0.748	0.170
NEtFOSA	U	0.187	ng/g	1	.2	0.187	0.0627
NEtFOSAA	U	0.187	ng/g	1	.2	0.187	0.0561
NEtFOSE	U	1.87	ng/g	1	2	1.87	0.647
NFDHA	U	0.374	ng/g	1	.4	0.374	0.0505
NMeFOSA	U	0.187	ng/g	1	.2	0.187	0.0655
NMeFOSAA	U	0.187	ng/g	1	.2	0.187	0.0636
NMeFOSE	U	1.87	ng/g	1	2	1.87	0.659
PFBA	J	0.404	ng/g	1	.8	0.748	0.153
PFBS	U	0.187	ng/g	1	.2	0.187	0.0477
PFDA		0.431	ng/g	1	.2	0.187	0.0486
PFDoA		0.246	ng/g	1	.2	0.187	0.0851
PFDoS	U	0.187	ng/g	1	.2	0.187	0.0589
PFDS	U	0.187	ng/g	1	.2	0.187	0.0430
PFEESA	U	0.374	ng/g	1	.4	0.374	0.0729
PFHpA	J	0.162	ng/g	1	.2	0.187	0.0374
PFHpS	U	0.187	ng/g	1	.2	0.187	0.0514
PFHxA		0.189	ng/g	1	.2	0.187	0.0430
Total PFHxS	U	0.187	ng/g	1	.2	0.187	0.00655
PFMBA	U	0.374	ng/g	1	.4	0.374	0.0767
PFMPA	U	0.374	ng/g	1	.4	0.374	0.110
Total PFNA		0.394	ng/g	1	.2	0.187	0.0131
PFNS	U	0.187	ng/g	1	.2	0.187	0.0496
Total PFOA		0.500	ng/g	1	.2	0.187	0.0262
PFOS		1.80	ng/g	1	.2	0.187	0.0552
PFOSA	U	0.187	ng/g	1	.2	0.187	0.0299

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-15
Client ID: 2SB-06 SURF
Matrix: SL
Lab File ID: 2LC04267

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 68.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.305	ng/g	1	.4	0.374	0.0786
PFPeS	U	0.187	ng/g	1	.2	0.187	0.0346
PFTeDA	J	0.0927	ng/g	1	.2	0.187	0.0870
PFTrDA		0.189	ng/g	1	.2	0.187	0.0505
PFUnA		0.548	ng/g	1	.2	0.187	0.0355
M-4:2 FTS-13C2		107.	%				
M-6:2 FTS-13C2		87.3	%				
M-8:2 FTS-13C2		161.	%				
M-GenX-13C3 (HFPO-DA)		71.3	%				
M-NEtFOSAA-D5		122.	%				
M-NEtFOSA-D5		56.6	%				
M-NEtFOSE-D9		55.0	%				
M-NMeFOSAA-D3		69.9	%				
M-NMeFOSA-D3		63.2	%				
M-NMeFOSE-D7		59.3	%				
M-PFBA-13C4		99.6	%				
M-PFBS-13C3		80.7	%				
M-PFDA-13C6		81.7	%				
M-PFDoA-13C2		87.4	%				
M-PFHpA-13C4		73.8	%				
M-PFHxA-13C5		77.7	%				
M-PFHxS-13C3		79.0	%				
M-PFNA-13C9		76.8	%				
M-PFOA-13C8		78.0	%				
M-PFOS-13C8		81.4	%				
M-PFOSA-13C8		85.9	%				
M-PFPeA-13C5		74.5	%				
M-PFTeDA-13C2		102.	%				
M-PFUnA-13C7		83.1	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-15
Client ID: 2SB-06 SURF
Lab File ID: 2LC04267

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		11	10		-	-
PFDA		876	3	3.533	1.707-5.12	1.762-5.28
PFDoA		328	3	3.528	1.819-5.45	1.739-5.21
PFHpA		200	3	2.086	1.042-3.12	1.037-3.11
PFHxA		82	3	10.857	4.616-13.8	4.534-13.6
PFNA		256	3	3.036	1.514-4.54	1.505-4.51
PFOA		408	3	1.618	.804-2.411	.78-2.34
PFOS		582	3	1.461	.878-2.634	.849-2.546
PFPeA		118	10		-	-
PFTeDA		76	3	2.424	1.197-3.59	1.14-3.419
PFTrDA		74	3	2.602	1.242-3.72	1.238-3.71
PFUnA		451	3	4.696	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-16
Client ID: 2SB-06 0-2.5
Matrix: SL
Lab File ID: 2LC04268

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.574	ng/g	1	.8	0.574	0.166
3:3FTCA	U	0.718	ng/g	1	1	0.718	0.267
4:2 FTS	U	0.574	ng/g	1	.8	0.574	0.207
5:3FTCA	U	3.59	ng/g	1	5	3.59	0.632
6:2 FTS	U	0.574	ng/g	1	.8	0.574	0.0868
7:3FTCA	U	3.59	ng/g	1	5	3.59	0.518
8:2 FTS	U	0.574	ng/g	1	.8	0.574	0.169
9Cl-PF3ONS	U	0.574	ng/g	1	.8	0.574	0.155
ADONA	U	0.574	ng/g	1	.8	0.574	0.108
GenX (HFPO-DA)	U	0.574	ng/g	1	.8	0.574	0.131
NEtFOSA	U	0.144	ng/g	1	.2	0.144	0.0481
NEtFOSAA	U	0.144	ng/g	1	.2	0.144	0.0431
NEtFOSE	U	1.44	ng/g	1	2	1.44	0.497
NFDHA	U	0.287	ng/g	1	.4	0.287	0.0388
NMeFOSA	U	0.144	ng/g	1	.2	0.144	0.0502
NMeFOSAA	U	0.144	ng/g	1	.2	0.144	0.0488
NMeFOSE	U	1.44	ng/g	1	2	1.44	0.506
PFBA	J	0.229	ng/g	1	.8	0.574	0.118
PFBS	U	0.144	ng/g	1	.2	0.144	0.0366
PFDA	J	0.0631	ng/g	1	.2	0.144	0.0373
PFDoA	U	0.144	ng/g	1	.2	0.144	0.0653
PFDoS	U	0.144	ng/g	1	.2	0.144	0.0452
PFDS	U	0.144	ng/g	1	.2	0.144	0.0330
PFEESA	U	0.287	ng/g	1	.4	0.287	0.0560
PFHpA	J	0.143	ng/g	1	.2	0.144	0.0287
PFHpS	U	0.144	ng/g	1	.2	0.144	0.0395
PFHxA	J	0.142	ng/g	1	.2	0.144	0.0330
Total PFHxS	U	0.144	ng/g	1	.2	0.144	0.00502
PFMBA	U	0.287	ng/g	1	.4	0.287	0.0589
PFMPA	U	0.287	ng/g	1	.4	0.287	0.0847
Total PFNA		0.197	ng/g	1	.2	0.144	0.0100
PFNS	U	0.144	ng/g	1	.2	0.144	0.0380
Total PFOA		0.733	ng/g	1	.2	0.144	0.0201
PFOS		0.591	ng/g	1	.2	0.144	0.0424
PFOSA	U	0.144	ng/g	1	.2	0.144	0.0230

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-16
Client ID: 2SB-06 0-2.5
Matrix: SL
Lab File ID: 2LC04268

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 86.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	0.251	ng/g	1	.4	0.287	0.0603
PFPeS	U	0.144	ng/g	1	.2	0.144	0.0266
PFTeDA	U	0.144	ng/g	1	.2	0.144	0.0668
PFTrDA	U	0.144	ng/g	1	.2	0.144	0.0388
PFUnA	J	0.0483	ng/g	1	.2	0.144	0.0273
M-4:2 FTS-13C2		100.	%				
M-6:2 FTS-13C2		95.9	%				
M-8:2 FTS-13C2		88.5	%				
M-GenX-13C3 (HFPO-DA)		79.2	%				
M-NEtFOSAA-D5		95.6	%				
M-NEtFOSA-D5		51.5	%				
M-NEtFOSE-D9		65.5	%				
M-NMeFOSAA-D3		53.5	%				
M-NMeFOSA-D3		56.9	%				
M-NMeFOSE-D7		65.0	%				
M-PFBA-13C4		100.	%				
M-PFBS-13C3		83.0	%				
M-PFDA-13C6		88.8	%				
M-PFDoA-13C2		87.0	%				
M-PFHpA-13C4		76.1	%				
M-PFHxA-13C5		82.0	%				
M-PFHxS-13C3		83.6	%				
M-PFNA-13C9		80.7	%				
M-PFOA-13C8		82.6	%				
M-PFOS-13C8		82.3	%				
M-PFOSA-13C8		78.9	%				
M-PFPeA-13C5		78.5	%				
M-PFTeDA-13C2		101.	%				
M-PFUnA-13C7		89.8	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-16
Client ID: 2SB-06 0-2.5
Lab File ID: 2LC04268

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		10	10		-	-
PFDA		255	3	3.631	1.707-5.12	1.762-5.28
PFHpA		245	3	2.081	1.042-3.12	1.037-3.11
PFHxA		168	3	9.074	4.616-13.8	4.534-13.6
PFNA		246	3	2.944	1.514-4.54	1.505-4.51
PFOA		637	3	1.611	.804-2.411	.78-2.34
PFOS		730	3	1.528	.878-2.634	.849-2.546
PFPeA		254	10		-	-
PFUnA		189	3	4.359	2.406-7.21	2.429-7.28

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-17
Client ID: 2SB-06 7.5-10
Matrix: SL
Lab File ID: 2LC04269

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 92.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.489	ng/g	1	.8	0.489	0.141
3:3FTCA	U	0.611	ng/g	1	1	0.611	0.227
4:2 FTS	U	0.489	ng/g	1	.8	0.489	0.176
5:3FTCA	U	3.06	ng/g	1	5	3.06	0.538
6:2 FTS	U	0.489	ng/g	1	.8	0.489	0.0740
7:3FTCA	U	3.06	ng/g	1	5	3.06	0.441
8:2 FTS	U	0.489	ng/g	1	.8	0.489	0.144
9Cl-PF3ONS	U	0.489	ng/g	1	.8	0.489	0.132
ADONA	U	0.489	ng/g	1	.8	0.489	0.0923
GenX (HFPO-DA)	U	0.489	ng/g	1	.8	0.489	0.111
NEtFOSA	U	0.122	ng/g	1	.2	0.122	0.0410
NEtFOSAA	U	0.122	ng/g	1	.2	0.122	0.0367
NEtFOSE	U	1.22	ng/g	1	2	1.22	0.423
NFDHA	U	0.244	ng/g	1	.4	0.244	0.0330
NMeFOSA	U	0.122	ng/g	1	.2	0.122	0.0428
NMeFOSAA	U	0.122	ng/g	1	.2	0.122	0.0416
NMeFOSE	U	1.22	ng/g	1	2	1.22	0.431
PFBA	U	0.489	ng/g	1	.8	0.489	0.100
PFBS	U	0.122	ng/g	1	.2	0.122	0.0312
PFDA	U	0.122	ng/g	1	.2	0.122	0.0318
PFDoA	U	0.122	ng/g	1	.2	0.122	0.0556
PFDoS	U	0.122	ng/g	1	.2	0.122	0.0385
PFDS	U	0.122	ng/g	1	.2	0.122	0.0281
PFEESA	U	0.244	ng/g	1	.4	0.244	0.0477
PFHpA	U	0.122	ng/g	1	.2	0.122	0.0244
PFHpS	U	0.122	ng/g	1	.2	0.122	0.0336
PFHxA	U	0.122	ng/g	1	.2	0.122	0.0281
Total PFHxS	U	0.122	ng/g	1	.2	0.122	0.00428
PFMBA	U	0.244	ng/g	1	.4	0.244	0.0501
PFMPA	U	0.244	ng/g	1	.4	0.244	0.0721
Total PFNA	U	0.122	ng/g	1	.2	0.122	0.00856
PFNS	U	0.122	ng/g	1	.2	0.122	0.0324
Total PFOA	U	0.122	ng/g	1	.2	0.122	0.0171
PFOS	U	0.122	ng/g	1	.2	0.122	0.0361
PFOSA	U	0.122	ng/g	1	.2	0.122	0.0196

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Report of Analytical Results

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Lab ID: SS5847-17
Client ID: 2SB-06 7.5-10
Matrix: SL
Lab File ID: 2LC04269

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 92.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.244	ng/g	1	.4	0.244	0.0513
PFPeS	U	0.122	ng/g	1	.2	0.122	0.0226
PFTeDA	U	0.122	ng/g	1	.2	0.122	0.0568
PFTrDA	U	0.122	ng/g	1	.2	0.122	0.0330
PFUnA	U	0.122	ng/g	1	.2	0.122	0.0232
M-4:2 FTS-13C2		96.4	%				
M-6:2 FTS-13C2		102.	%				
M-8:2 FTS-13C2		91.1	%				
M-GenX-13C3 (HFPO-DA)		89.7	%				
M-NEtFOSAA-D5		96.6	%				
M-NEtFOSA-D5		65.3	%				
M-NEtFOSE-D9		82.4	%				
M-NMeFOSAA-D3		51.6	%				
M-NMeFOSA-D3		71.6	%				
M-NMeFOSE-D7		78.3	%				
M-PFBA-13C4		100.	%				
M-PFBS-13C3		83.7	%				
M-PFDA-13C6		92.2	%				
M-PFDoA-13C2		89.8	%				
M-PFHpA-13C4		83.1	%				
M-PFHxA-13C5		88.5	%				
M-PFHxS-13C3		86.0	%				
M-PFNA-13C9		83.0	%				
M-PFOA-13C8		87.7	%				
M-PFOS-13C8		87.4	%				
M-PFOSA-13C8		84.8	%				
M-PFPeA-13C5		83.4	%				
M-PFTeDA-13C2		103.	%				
M-PFUnA-13C7		93.2	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-18
Client ID: DUP-20251001
Matrix: SL
Lab File ID: 2LC04270

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.558	ng/g	1	.8	0.558	0.161
3:3FTCA	U	0.698	ng/g	1	1	0.698	0.259
4:2 FTS	U	0.558	ng/g	1	.8	0.558	0.201
5:3FTCA	U	3.49	ng/g	1	5	3.49	0.614
6:2 FTS	U	0.558	ng/g	1	.8	0.558	0.0844
7:3FTCA	U	3.49	ng/g	1	5	3.49	0.503
8:2 FTS	U	0.558	ng/g	1	.8	0.558	0.164
9Cl-PF3ONS	U	0.558	ng/g	1	.8	0.558	0.151
ADONA	U	0.558	ng/g	1	.8	0.558	0.105
GenX (HFPO-DA)	U	0.558	ng/g	1	.8	0.558	0.127
NEtFOSA	U	0.140	ng/g	1	.2	0.140	0.0467
NEtFOSAA	U	0.140	ng/g	1	.2	0.140	0.0418
NEtFOSE	U	1.40	ng/g	1	2	1.40	0.483
NFDHA	U	0.279	ng/g	1	.4	0.279	0.0377
NMeFOSA	U	0.140	ng/g	1	.2	0.140	0.0488
NMeFOSAA	U	0.140	ng/g	1	.2	0.140	0.0474
NMeFOSE	U	1.40	ng/g	1	2	1.40	0.492
PFBA	U	0.558	ng/g	1	.8	0.558	0.114
PFBS	U	0.140	ng/g	1	.2	0.140	0.0356
PFDA	U	0.140	ng/g	1	.2	0.140	0.0363
PFDoA	U	0.140	ng/g	1	.2	0.140	0.0635
PFDoS	U	0.140	ng/g	1	.2	0.140	0.0439
PFDS	U	0.140	ng/g	1	.2	0.140	0.0321
PFEESA	U	0.279	ng/g	1	.4	0.279	0.0544
PFHpA	J	0.0618	ng/g	1	.2	0.140	0.0279
PFHpS	U	0.140	ng/g	1	.2	0.140	0.0384
PFHxA	J	0.0461	ng/g	1	.2	0.140	0.0321
Total PFHxS	U	0.140	ng/g	1	.2	0.140	0.00488
PFMBA	U	0.279	ng/g	1	.4	0.279	0.0572
PFMPA	U	0.279	ng/g	1	.4	0.279	0.0823
Total PFNA	U	0.140	ng/g	1	.2	0.140	0.00976
PFNS	U	0.140	ng/g	1	.2	0.140	0.0370
Total PFOA		0.251	ng/g	1	.2	0.140	0.0195
PFOS	J	0.111	ng/g	1	.2	0.140	0.0412
PFOSA	U	0.140	ng/g	1	.2	0.140	0.0223

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-18
Client ID: DUP-20251001
Matrix: SL
Lab File ID: 2LC04270

Sample Date: 01-OCT-25
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: 85.

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.279	ng/g	1	.4	0.279	0.0586
PFPeS	U	0.140	ng/g	1	.2	0.140	0.0258
PFTeDA	U	0.140	ng/g	1	.2	0.140	0.0649
PFTrDA	U	0.140	ng/g	1	.2	0.140	0.0377
PFUnA	U	0.140	ng/g	1	.2	0.140	0.0265
M-4:2 FTS-13C2		95.8	%				
M-6:2 FTS-13C2		102.	%				
M-8:2 FTS-13C2		89.3	%				
M-GenX-13C3 (HFPO-DA)		90.6	%				
M-NEtFOSAA-D5		89.0	%				
M-NEtFOSA-D5		55.4	%				
M-NEtFOSE-D9		74.5	%				
M-NMeFOSAA-D3		49.5	%				
M-NMeFOSA-D3		64.0	%				
M-NMeFOSE-D7		73.2	%				
M-PFBA-13C4		101.	%				
M-PFBS-13C3		91.6	%				
M-PFDA-13C6		91.1	%				
M-PFDoA-13C2		85.0	%				
M-PFHpA-13C4		84.5	%				
M-PFHxA-13C5		90.9	%				
M-PFHxS-13C3		89.1	%				
M-PFNA-13C9		85.1	%				
M-PFOA-13C8		87.8	%				
M-PFOS-13C8		86.8	%				
M-PFOSA-13C8		87.8	%				
M-PFPeA-13C5		87.8	%				
M-PFTeDA-13C2		96.8	%				
M-PFUnA-13C7		94.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS5847
Lab ID: SS5847-18
Client ID: DUP-20251001
Lab File ID: 2LC04270

ICAL Midpoint: WG377753-4
ICAL MP File ID: 2LC04234
Opening CV: WG377753-15
Opening CV File ID: 2LC04243

Analysis Date: 09-OCT-25
Analysis Method: 1633A
Matrix: SL
Report Date: 13-OCT-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFHpA		249	3	2.073	1.042-3.12	1.037-3.11
PFHxA		68	3	9.143	4.616-13.8	4.534-13.6
PFOA		277	3	1.584	.804-2.411	.78-2.34
PFOS	I	204	3	2.561	.878-2.634	.849-2.546

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-19
Client ID: FB-20251001
Matrix: AQ
Lab File ID: 1LC07916

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.44	ng/L	1	8	7.44	1.17
3:3FTCA	U	9.30	ng/L	1	10	9.30	2.40
4:2 FTS	U	7.44	ng/L	1	8	7.44	1.99
5:3FTCA	U	46.5	ng/L	1	50	46.5	9.39
6:2 FTS	U	7.44	ng/L	1	8	7.44	2.03
7:3FTCA	U	46.5	ng/L	1	50	46.5	10.2
8:2 FTS	U	7.44	ng/L	1	8	7.44	1.07
9Cl-PF3ONS	U	7.44	ng/L	1	8	7.44	1.39
ADONA	U	7.44	ng/L	1	8	7.44	2.76
GenX (HFPO-DA)	U	7.44	ng/L	1	8	7.44	3.67
NEtFOSA	U	1.86	ng/L	1	2	1.86	0.167
NEtFOSAA	U	1.86	ng/L	1	2	1.86	0.688
NEtFOSE	U	18.6	ng/L	1	20	18.6	4.77
NFDHA	U	3.72	ng/L	1	4	3.72	1.39
NMeFOSA	U	1.86	ng/L	1	2	1.86	0.214
NMeFOSAA	U	1.86	ng/L	1	2	1.86	0.725
NMeFOSE	U	18.6	ng/L	1	20	18.6	5.52
PFBA	U	7.44	ng/L	1	8	7.44	2.33
PFBS	U	1.86	ng/L	1	2	1.86	0.679
PFDA	U	1.86	ng/L	1	2	1.86	0.669
PFDoA	U	1.86	ng/L	1	2	1.86	0.372
PFDoS	U	1.86	ng/L	1	2	1.86	0.456
PFDS	U	1.86	ng/L	1	2	1.86	0.390
PFEESA	U	3.72	ng/L	1	4	3.72	1.26
PFHpA	U	1.86	ng/L	1	2	1.86	0.493
PFHpS	U	1.86	ng/L	1	2	1.86	0.362
PFHxA	U	1.86	ng/L	1	2	1.86	0.586
Total PFHxS	U	1.86	ng/L	1	2	1.86	0.112
PFMBA	U	3.72	ng/L	1	4	3.72	1.12
PFMPA	U	3.72	ng/L	1	4	3.72	1.19
Total PFNA	U	1.86	ng/L	1	2	1.86	0.214
PFNS	U	1.86	ng/L	1	2	1.86	0.511
Total PFOA	U	1.86	ng/L	1	2	1.86	0.130
PFOS	U	1.86	ng/L	1	2	1.86	0.493
PFOSA	U	1.86	ng/L	1	2	1.86	0.660

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-19
Client ID: FB-20251001
Matrix: AQ
Lab File ID: 1LC07916

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.72	ng/L	1	4	3.72	1.10
PFPeS	U	1.86	ng/L	1	2	1.86	0.576
PFTeDA	U	1.86	ng/L	1	2	1.86	0.344
PFTrDA	U	1.86	ng/L	1	2	1.86	0.530
PFUnA	U	1.86	ng/L	1	2	1.86	0.418
M-4:2 FTS-13C2		100.	%				
M-6:2 FTS-13C2		99.2	%				
M-8:2 FTS-13C2		95.3	%				
M-GenX-13C3 (HFPO-DA)		87.4	%				
M-NEtFOSAA-D5		65.9	%				
M-NEtFOSA-D5		32.5	%				
M-NEtFOSE-D9		68.7	%				
M-NMeFOSAA-D3		88.1	%				
M-NMeFOSA-D3		36.6	%				
M-NMeFOSE-D7		77.3	%				
M-PFBA-13C4		107.	%				
M-PFBS-13C3		106.	%				
M-PFDA-13C6		98.1	%				
M-PFDoA-13C2		96.8	%				
M-PFHpA-13C4		101.	%				
M-PFHxA-13C5		97.2	%				
M-PFHxS-13C3		99.7	%				
M-PFNA-13C9		101.	%				
M-PFOA-13C8		103.	%				
M-PFOS-13C8		97.2	%				
M-PFOSA-13C8		78.6	%				
M-PFPeA-13C5		102.	%				
M-PFTeDA-13C2		59.7	%				
M-PFUnA-13C7		102.	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-20
Client ID: EB-20251001
Matrix: AQ
Lab File ID: 1LC07917

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.80	ng/L	1	8	7.80	1.23
3:3FTCA	U	9.75	ng/L	1	10	9.75	2.52
4:2 FTS	U	7.80	ng/L	1	8	7.80	2.09
5:3FTCA	U	48.8	ng/L	1	50	48.8	9.85
6:2 FTS	U	7.80	ng/L	1	8	7.80	2.12
7:3FTCA	U	48.8	ng/L	1	50	48.8	10.7
8:2 FTS	U	7.80	ng/L	1	8	7.80	1.12
9Cl-PF3ONS	U	7.80	ng/L	1	8	7.80	1.46
ADONA	U	7.80	ng/L	1	8	7.80	2.90
GenX (HFPO-DA)	U	7.80	ng/L	1	8	7.80	3.85
NEtFOSA	U	1.95	ng/L	1	2	1.95	0.176
NEtFOSAA	U	1.95	ng/L	1	2	1.95	0.722
NEtFOSE	U	19.5	ng/L	1	20	19.5	5.00
NFDHA	U	3.90	ng/L	1	4	3.90	1.46
NMeFOSA	U	1.95	ng/L	1	2	1.95	0.224
NMeFOSAA	U	1.95	ng/L	1	2	1.95	0.760
NMeFOSE	U	19.5	ng/L	1	20	19.5	5.79
PFBA	U	7.80	ng/L	1	8	7.80	2.45
PFBS	U	1.95	ng/L	1	2	1.95	0.712
PFDA	U	1.95	ng/L	1	2	1.95	0.702
PFDoA	U	1.95	ng/L	1	2	1.95	0.390
PFDoS	U	1.95	ng/L	1	2	1.95	0.478
PFDS	U	1.95	ng/L	1	2	1.95	0.410
PFEESA	U	3.90	ng/L	1	4	3.90	1.32
PFHpA	U	1.95	ng/L	1	2	1.95	0.517
PFHpS	U	1.95	ng/L	1	2	1.95	0.380
PFHxA	U	1.95	ng/L	1	2	1.95	0.614
Total PFHxS	U	1.95	ng/L	1	2	1.95	0.117
PFMBA	U	3.90	ng/L	1	4	3.90	1.17
PFMPA	U	3.90	ng/L	1	4	3.90	1.25
Total PFNA	U	1.95	ng/L	1	2	1.95	0.224
PFNS	U	1.95	ng/L	1	2	1.95	0.536
Total PFOA	U	1.95	ng/L	1	2	1.95	0.136
PFOS	U	1.95	ng/L	1	2	1.95	0.517
PFOSA	U	1.95	ng/L	1	2	1.95	0.692

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Report of Analytical Results

SDG: SS5847
Lab ID: SS5847-20
Client ID: EB-20251001
Matrix: AQ
Lab File ID: 1LC07917

Sample Date: 01-OCT-25
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.90	ng/L	1	4	3.90	1.15
PFPeS	U	1.95	ng/L	1	2	1.95	0.604
PFTeDA	U	1.95	ng/L	1	2	1.95	0.361
PFTrDA	U	1.95	ng/L	1	2	1.95	0.556
PFUnA	U	1.95	ng/L	1	2	1.95	0.439
M-4:2 FTS-13C2		108.	%				
M-6:2 FTS-13C2		105.	%				
M-8:2 FTS-13C2		90.9	%				
M-GenX-13C3 (HFPO-DA)		83.2	%				
M-NEtFOSAA-D5		54.5	%				
M-NEtFOSA-D5		26.7	%				
M-NEtFOSE-D9		57.4	%				
M-NMeFOSAA-D3		76.0	%				
M-NMeFOSA-D3		30.1	%				
M-NMeFOSE-D7		62.6	%				
M-PFBA-13C4		107.	%				
M-PFBS-13C3		107.	%				
M-PFDA-13C6		90.9	%				
M-PFDoA-13C2		85.3	%				
M-PFHpA-13C4		94.5	%				
M-PFHxA-13C5		93.3	%				
M-PFHxS-13C3		102.	%				
M-PFNA-13C9		99.3	%				
M-PFOA-13C8		97.6	%				
M-PFOS-13C8		80.6	%				
M-PFOSA-13C8		65.3	%				
M-PFPeA-13C5		101.	%				
M-PFTeDA-13C2		62.7	%				
M-PFUnA-13C7		87.3	%				

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Standards Data Section

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** SS5847

Lab File IDs : 1LC07820 1LC07821 1LC07822 1LC07823 1LC07824 1LC07825 1LC07826 1LC07819

Instrument ID: LCMS-1

Calibration Date(s): 03-OCT-25 12:55 03-OCT-25 14:24

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Type	b	m1	m2	%RSD or R^2 Result	Limit	
11Cl-PF3OUdS	0.79494	0.73193	0.74443	0.80234	0.80602	0.72479	0.66489	-	AVG		0.753		6.3679	20	O
3:3FTCA	0.021356	0.021070	0.021187	0.024250	0.024694	0.027213	-	-	AVG		0.0233		9.815	20	O
4:2 FTS	0.66793	0.64774	0.68699	0.70724	0.68907	0.75878	-	-	AVG		0.693		5.0196	20	O
5:3FTCA	0.010833	0.0098934	0.0099971	0.010580	0.010408	0.010691	0.011737	-	AVG		0.00932		4.6386	20	O
6:2 FTS	0.65788	0.63366	0.64667	0.71273	0.71842	0.69416	-	-	AVG		0.677		4.8414	20	O
7:3FTCA	0.045416	0.042166	0.042666	0.046419	0.045333	0.046747	0.058402	-	AVG		0.0411		9.3114	20	O
8:2 FTS	0.58173	0.55500	0.59182	0.62243	0.61546	0.58879	-	-	AVG		0.593		3.7474	20	O
9Cl-PF3ONS	1.2752	1.2180	1.2154	1.2938	1.2139	1.0485	0.79917	-	AVG		1.15		14.023	20	O
ADONA	5.7899	5.6237	5.5664	6.3661	6.4333	6.7746	8.7635	-	AVG		6.47		15.839	20	O
GenX (HFPO-DA)	0.96352	0.89863	0.89027	0.98001	0.96248	0.93578	0.93237	0.91338	AVG		0.935		3.2555	20	O
NEtFOSA	1.0373	1.0321	0.99425	1.1223	1.1315	1.1799	1.1975	-	AVG		1.1		6.6227	20	O
NEtFOSAA	0.84561	0.80094	0.79751	0.89580	0.83919	0.87402	0.93236	-	AVG		0.855		5.3378	20	O
NEtFOSE	0.92737	0.88350	0.88153	0.99601	0.97153	0.99125	0.98926	-	AVG		0.949		4.9496	20	O
NFDHA	0.11305	0.10534	0.10606	0.10935	0.10431	0.098085	0.079624	-	AVG		0.102		9.9491	20	O
NMeFOSA	0.96637	0.89771	0.96381	1.0638	1.0337	1.0907	1.1441	-	AVG		1.02		7.6988	20	O
NMeFOSAA	0.64670	0.66163	0.65250	0.74192	0.74451	0.73730	0.79273	-	AVG		0.711		7.4112	20	O
NMeFOSE	6.4445	6.3742	6.3856	7.0774	6.9785	7.1892	7.6405	-	AVG		6.87		6.5373	20	O
PFBA	0.67986	0.65566	0.67060	0.73930	0.72926	0.72300	0.75090	-	AVG		0.707		4.9056	20	O
PFBS	1.0637	1.0475	1.0543	1.1457	1.1670	1.1389	1.2579	-	AVG		1.13		6.2714	20	O
PFDA	0.76177	0.72270	0.72872	0.81769	0.77263	0.81950	0.83629	-	AVG		0.78		5.4062	20	O
PFDoA	0.79171	0.79350	0.78778	0.85387	0.90157	0.89639	0.85235	-	AVG		0.84		5.428	20	O
PFDoS	0.67574	0.64329	0.64581	0.71653	0.72322	0.71767	0.77380	-	AVG		0.699		6.2382	20	O
PFDS	0.77983	0.72340	0.74238	0.85246	0.87376	0.83028	0.91113	-	AVG		0.816		7.9179	20	O
PFEESA	2.8444	2.7838	2.7796	2.9156	2.8307	2.7148	2.2539	-	AVG		2.73		7.4498	20	O
PFHpA	0.90721	0.83173	0.84836	0.95113	0.94877	0.97304	1.0263	-	AVG		0.927		6.9085	20	O
PFHpS	1.0678	1.0444	0.98108	1.0689	1.0920	1.0109	1.0914	-	AVG		1.05		3.6794	20	O
PFHxA	1.1192	0.86805	0.89726	0.96773	0.96758	0.96368	1.0145	-	AVG		0.971		7.7832	20	O
PFHxS	1.0218	0.95974	0.93283	1.0414	1.0190	1.0413	1.1387	-	AVG		1.02		5.9879	20	O
PFHxS Branched	0.89104	0.91388	0.91388	1.0077	1.0129	1.0397	1.2970	-	AVG		1.01		12.742	20	O
PFMBA	1.6995	1.6885	1.7024	1.8782	1.8677	1.8614	1.7940	-	AVG		1.78		4.4888	20	O
PFMPA	0.95154	0.89798	0.88370	0.96753	0.94420	0.98001	1.1398	-	AVG		0.966		8.0604	20	O
PFNA	0.95415	0.93331	0.91170	1.0160	0.98577	1.0268	1.0497	-	AVG		0.982		4.8441	20	O
PFNA Branched	0.40166	0.37347	0.36700	0.42074	0.41177	0.44136	0.51386	-	AVG		0.419		10.925	20	O
PFNS	0.92916	0.88140	0.86083	0.95814	0.96010	0.94480	0.92928	-	AVG		0.923		3.8296	20	O
PFOA	0.64759	0.63602	0.62733	0.66629	0.65940	0.65480	0.69339	-	AVG		0.655		3.0534	20	O
PFOA Branched	0.35887	0.34559	0.35263	0.38014	0.36669	0.36032	0.40926	-	AVG		0.368		5.3726	20	O
PFOS	1.1021	1.0003	0.96249	1.0542	1.0794	1.0728	1.1464	-	AVG		1.06		5.3947	20	O
PFOSA	0.76968	0.71209	0.69559	0.73871	0.69526	0.70064	0.75604	-	AVG		0.724		3.9223	20	O

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** SS5847

Lab File IDs : 1LC07820 1LC07821 1LC07822 1LC07823 1LC07824 1LC07825 1LC07826 1LC07819

Instrument ID: LCMS-1

Calibration Date(s): 03-OCT-25 12:55 03-OCT-25 14:24

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Type	b	m1	m2	%RSD or R^2 Result	Limit	
PFPeA	0.59502	0.58005	0.59120	0.66601	0.65645	0.66295	0.66144	-	AVG		0.63		5.7794	20	O
PFPeS	1.2190	1.1727	1.1405	1.2474	1.2295	1.1805	1.1330	-	AVG		1.19		3.4535	20	O
PFTeDA	1.5783	1.5315	1.5167	1.5938	1.5396	1.4970	1.4220	-	AVG		1.52		3.8494	20	O
PFTrDA	0.71481	0.70571	0.66048	0.71222	0.72072	0.73395	0.69744	-	AVG		0.706		3.0552	20	O
PFUnA	0.85152	0.84909	0.86303	1.0005	0.95743	0.90142	0.90690	-	AVG		0.904		5.8585	20	O
M-4:2 FTS-13C2	0.25407	0.25540	0.24104	0.24810	0.23874	0.20604	-	-	AVG		0.241		6.9039	20	O
M-6:2 FTS-13C2	0.22598	0.22649	0.22439	0.21680	0.21241	0.20207	-	-	AVG		0.218		4.0291	20	O
M-8:2 FTS-13C2	0.16584	0.17445	0.16076	0.16100	0.15766	0.15075	-	-	AVG		0.162		4.4956	20	O
M-GenX-13C3 (HFPO-DA)	0.28233	0.27741	0.27475	0.26228	0.24735	0.22695	0.15217	0.29323	AVG		0.252		16.892	20	O
M-NEtFOSAA-D5	0.27219	0.26821	0.29230	0.26276	0.26763	0.27603	0.33355	-	AVG		0.282		8.1161	20	O
M-NEtFOSA-D5	0.33085	0.30460	0.34317	0.33268	0.32336	0.34404	0.45611	-	AVG		0.348		13.195	20	O
M-NEtFOSE-D9	0.20076	0.19431	0.21262	0.20030	0.19666	0.19966	0.21837	-	AVG		0.203		4.0212	20	O
M-NMeFOSAA-D3	0.19843	0.19001	0.20444	0.19797	0.19062	0.19951	0.22738	-	AVG		0.201		5.8026	20	O
M-NMeFOSA-D3	0.28573	0.27979	0.28504	0.27661	0.27540	0.28616	0.37289	-	AVG		0.295		10.951	20	O
M-NMeFOSE-D7	0.020559	0.019546	0.020576	0.019770	0.019804	0.020516	0.023157	-	AVG		0.0206		5.5049	20	O
M-PFBA-13C4	0.54831	0.55177	0.55231	0.55480	0.55809	0.55893	0.54496	-	AVG		0.553		.8442	20	O
M-PFBS-13C3	1.3190	1.3132	1.2542	1.3021	1.2340	1.1976	0.91970	-	AVG		1.22		10.61	20	O
M-PFDA-13C6	1.1658	1.1922	1.1951	1.1481	1.2187	1.2026	1.1689	-	AVG		1.18		1.911	20	O
M-PFDoA-13C2	0.77873	0.78864	0.84966	0.84998	0.84990	0.85918	1.0068	-	AVG		0.855		8.0787	20	O
M-PFHpA-13C4	1.0526	1.0611	1.0701	1.0892	1.0553	1.0665	1.0924	-	AVG		1.07		1.3586	20	O
M-PFHxA-13C5	0.94896	0.95016	0.92702	0.95722	0.93776	0.94355	0.92902	-	AVG		0.942		1.1062	20	O
M-PFHxS-13C3	1.0327	0.99873	1.0159	1.0137	1.0239	1.0106	0.98994	-	AVG		1.01		1.3206	20	O
M-PFNA-13C9	1.0055	0.96658	0.98915	0.99556	1.0080	0.99043	1.0265	-	AVG		0.997		1.7347	20	O
M-PFOA-13C8	1.0126	0.99530	0.99264	1.0169	1.0181	1.0371	1.0318	-	AVG		1.01		1.5242	20	O
M-PFOS-13C8	0.98392	0.96637	1.0263	0.98675	0.92380	0.98338	1.0028	-	AVG		0.982		2.9953	20	O
M-PFOSA-13C8	1.2300	1.1943	1.2445	1.2241	1.2202	1.3049	1.7078	-	AVG		1.3		12.886	20	O
M-PFPeA-13C5	0.95467	0.93165	0.93745	0.93334	0.91547	0.90502	0.87619	-	AVG		0.922		2.5791	20	O
M-PFTeDA-13C2	0.27434	0.28690	0.30039	0.30917	0.32920	0.35811	0.44946	-	AVG		0.33		16.743	20	O
M-PFUnA-13C7	1.0218	1.0024	1.0127	0.93656	0.90699	0.86580	0.69352	-	AVG		0.92		11.65	20	O

Legend: O = Acceptable; W = Failed %RSD Value; X = Failed R^2 Value

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Form 7
Calibration Verification Summary

Lab ID: WG377461-9
SDG: SS5847
File ID: 1LC07829
Report Date: 13-OCT-25
Sample Type: INDSOURCE

Instrument ID: LCMS-1
Analysis Date: 03-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	10.0	12.1	121	ng/mL	70-130
3:3FTCA	12.5	13.0	104	ng/mL	70-130
4:2 FTS	10.0	12.1	121	ng/mL	70-130
5:3FTCA	62.5	65.9	105	ng/mL	70-130
6:2 FTS	10.0	11.1	111	ng/mL	70-130
7:3FTCA	62.5	61.2	98	ng/mL	70-130
8:2 FTS	10.0	11.6	116	ng/mL	70-130
9Cl-PF3ONS	10.0	12.1	121	ng/mL	70-130
ADONA	10.0	8.98	90	ng/mL	70-130
GenX (HFPO-DA)	10.0	8.94	89	ng/mL	70-130
NEtFOSA	2.50	2.43	97	ng/mL	70-130
NEtFOSAA	2.50	2.40	96	ng/mL	70-130
NEtFOSE	25.0	26.6	106	ng/mL	70-130
NFDHA	5.00	5.54	111	ng/mL	70-130
NMeFOSA	2.50	2.54	102	ng/mL	70-130
NMeFOSAA	2.50	2.73	109	ng/mL	70-130
NMeFOSE	25.0	27.6	110	ng/mL	70-130
PFBA	10.0	11.0	110	ng/mL	70-130
PFBS	2.50	2.92	117	ng/mL	70-130
PFDA	2.50	2.80	112	ng/mL	70-130
PFDoA	2.50	3.08	123	ng/mL	70-130
PFDoS	2.50	2.97	119	ng/mL	70-130
PFDS	2.50	2.97	119	ng/mL	70-130
PFEESA	5.00	5.28	106	ng/mL	70-130
PFHpA	2.50	2.46	98	ng/mL	70-130
PFHpS	2.50	2.92	117	ng/mL	70-130
PFHxA	2.50	2.71	108	ng/mL	70-130
Total PFHxS	2.50	2.94	118	ng/mL	70-130
PFMBA	5.00	5.08	102	ng/mL	70-130
PFMPA	5.00	5.57	111	ng/mL	70-130
Total PFNA	2.50	2.80	112	ng/mL	70-130
PFNS	2.50	2.75	110	ng/mL	70-130
Total PFOA	2.50	2.74	109	ng/mL	70-130
PFOS	2.50	2.64	106	ng/mL	70-130
PFOSA	2.50	2.76	110	ng/mL	70-130
PFPeA	5.00	5.66	113	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377461-9
SDG: SS5847
File ID: 1LC07829
Report Date: 13-OCT-25
Sample Type: INDSOURCE

Instrument ID: LCMS-1
Analysis Date: 03-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFPeS	2.50	2.95	118	ng/mL	70-130
PFTeDA	2.50	2.85	114	ng/mL	70-130
PFTrDA	2.50	2.87	115	ng/mL	70-130
PFUnA	2.50	2.89	116	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.47	92	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.63	95	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.54	92	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	8.51	106	ng/mL	70-130
M-NEtFOSAA-D5	4.00	3.81	95	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.95	98	ng/mL	70-130
M-NEtFOSE-D9	20.0	20.1	100	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.90	98	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.98	99	ng/mL	70-130
M-NMeFOSE-D7	20.0	20.5	102	ng/mL	70-130
M-PFBA-13C4	8.00	8.05	100	ng/mL	70-130
M-PFBS-13C3	1.86	1.89	102	ng/mL	70-130
M-PFDA-13C6	1.00	0.922	92	ng/mL	70-130
M-PFDoA-13C2	1.00	0.940	94	ng/mL	70-130
M-PFHpA-13C4	2.00	1.97	99	ng/mL	70-130
M-PFHxA-13C5	2.00	1.96	98	ng/mL	70-130
M-PFHxS-13C3	1.90	1.85	98	ng/mL	70-130
M-PFNA-13C9	1.00	0.986	98	ng/mL	70-130
M-PFOA-13C8	2.00	1.95	97	ng/mL	70-130
M-PFOS-13C8	1.92	1.83	96	ng/mL	70-130
M-PFOSA-13C8	2.00	1.86	93	ng/mL	70-130
M-PFPeA-13C5	4.00	4.05	101	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.914	91	ng/mL	70-130
M-PFUnA-13C7	1.00	0.963	96	ng/mL	70-130

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Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** SS5847

Lab File IDs : 2LC04231 2LC04232 2LC04233 2LC04234 2LC04235 2LC04236 2LC04237 2LC04230

Instrument ID: LCMS-2

Calibration Date(s): 09-OCT-25 10:59, 09-OCT-25 12:28

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Type	b	m1	m2	%RSD or R^2 Result	Limit	
11Cl-PF3OUdS	0.79049	0.82343	0.82374	0.86723	0.84618	0.83403	0.79404	-	AVG		0.826		3.0593	20	O
3:3FTCA	0.013187	0.013160	0.013598	0.015376	0.015540	0.016715	-	-	AVG		0.0146		9.292	20	O
4:2 FTS	0.75376	0.82349	0.68842	0.81144	0.79053	0.83608	-	-	AVG		0.784		6.403	20	O
5:3FTCA	0.020900	0.018806	0.018828	0.020937	0.020330	0.020026	0.021711	-	AVG		0.0205		4.2962	20	O
6:2 FTS	0.81568	0.77516	0.77205	0.85641	0.84437	0.82150	-	-	AVG		0.814		3.8995	20	O
7:3FTCA	0.087353	0.082570	0.084037	0.091836	0.089544	0.089497	0.10666	-	AVG		0.0914		6.1178	20	O
8:2 FTS	0.80187	0.75042	0.69387	0.78396	0.75794	0.76646	-	-	AVG		0.759		4.4458	20	O
9Cl-PF3ONS	1.3216	1.3180	1.3323	1.4098	1.3709	1.3177	1.0619	-	AVG		1.3		7.9748	20	O
ADONA	11.276	10.652	10.294	11.356	11.004	11.394	10.908	-	AVG		11		3.4134	20	O
GenX (HFPO-DA)	0.71756	0.71851	0.67406	0.78187	0.82116	0.87835	0.87682	0.89058	AVG		0.795		9.9568	20	O
NEtFOSA	1.0716	1.0390	1.0237	1.1747	1.1284	1.1612	1.2296	-	AVG		1.12		6.3153	20	O
NEtFOSAA	0.75458	0.76908	0.78352	0.81030	0.81354	0.82957	0.93684	-	AVG		0.814		6.8601	20	O
NEtFOSE	0.91317	0.87502	0.86654	0.96698	0.92806	0.92236	0.96542	-	AVG		0.92		3.9567	20	O
NFDHA	0.038116	0.036453	0.038704	0.039360	0.041384	0.036199	0.038114	-	AVG		0.0383		4.2614	20	O
NMeFOSA	0.98894	0.92360	0.91544	1.0655	1.0432	1.0488	1.0788	-	AVG		1.01		6.1834	20	O
NMeFOSAA	0.76482	0.70431	0.73767	0.77500	0.78486	0.77768	0.82523	-	AVG		0.767		4.5916	20	O
NMeFOSE	6.1823	5.9461	6.0457	6.7083	6.4713	6.7357	7.1243	-	AVG		6.46		6.1147	20	O
PFBA	0.73011	0.71102	0.71792	0.78979	0.77851	0.77768	0.81753	-	AVG		0.76		4.9497	20	O
PFBS	0.95307	0.96269	0.96970	1.0460	1.0400	1.1147	1.2190	-	AVG		1.04		8.5748	20	O
PFDA	0.85094	0.82324	0.80896	0.91542	0.89085	0.88141	0.94165	-	AVG		0.873		5.1148	20	O
PFDoA	0.90729	0.90016	0.90053	0.97097	0.97182	0.95573	0.95578	-	AVG		0.937		3.2847	20	O
PFDoS	0.62502	0.65348	0.63938	0.67352	0.68820	0.70181	0.72600	-	AVG		0.672		4.9263	20	O
PFDS	0.63910	0.65228	0.66016	0.69527	0.69553	0.71113	0.75522	-	AVG		0.687		5.3899	20	O
PFEESA	2.4759	2.3999	2.3904	2.7516	2.6177	2.5570	2.0169	-	AVG		2.46		8.7557	20	O
PFHpA	0.84662	0.76014	0.76641	0.85463	0.84822	0.84345	0.91421	-	AVG		0.833		5.9707	20	O
PFHpS	0.86472	0.90270	0.91417	0.97203	0.93322	0.98002	1.0378	-	AVG		0.944		5.647	20	O
PFHxA	0.97012	0.75454	0.75428	0.81530	0.80632	0.77418	0.86382	-	AVG		0.82		8.6707	20	O
PFHxS	0.96238	0.90721	0.91970	0.98633	1.0002	1.0228	1.0828	-	AVG		0.983		5.7079	20	O
PFHxS Branched	0.78109	0.80096	0.77352	0.86402	0.87829	0.89992	1.0486	-	AVG		0.864		10.226	20	O
PFMBA	1.3282	1.3077	1.3282	1.4940	1.4961	1.5436	1.6495	-	AVG		1.45		8.349	20	O
PFMPA	0.78336	0.76257	0.76271	0.86623	0.85440	0.88607	1.0443	-	AVG		0.851		10.786	20	O
PFNA	0.88692	0.89273	0.90759	0.97974	0.98286	0.98840	1.0636	-	AVG		0.957		6.2437	20	O
PFNA Branched	0.35086	0.33615	0.34392	0.37576	0.38676	0.37787	0.45171	-	AVG		0.375		9.6158	20	O
PFNS	0.71585	0.72923	0.74265	0.78465	0.78312	0.81031	0.85842	-	AVG		0.775		5.9749	20	O
PFOA	0.73421	0.71105	0.69444	0.75680	0.74346	0.74629	0.79619	-	AVG		0.74		4.0961	20	O
PFOA Branched	0.38693	0.34140	0.34703	0.37832	0.37003	0.37420	0.42089	-	AVG		0.374		6.54	20	O
PFOS	0.97196	0.98901	0.93939	0.97330	0.98320	1.0052	1.1252	-	AVG		0.998		5.5194	20	O
PFOSA	0.62047	0.59556	0.62106	0.67719	0.68289	0.69088	0.74408	-	AVG		0.662		7.2368	20	O

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** SS5847

Lab File IDs : 2LC04231 2LC04232 2LC04233 2LC04234 2LC04235 2LC04236 2LC04237 2LC04230

Instrument ID: LCMS-2

Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Type	b	m1	m2	%RSD or R^2 Result	Limit	
PFPeA	0.42017	0.39581	0.39791	0.43163	0.42928	0.43038	0.46777	-	AVG		0.425		5.2866	20	O
PFPeS	1.0053	0.98856	0.99799	1.0645	1.1043	1.0998	1.1160	-	AVG		1.05		4.8632	20	O
PFTeDA	3.0567	2.9476	2.9790	3.2580	3.1953	3.1778	3.0808	-	AVG		3.1		3.4538	20	O
PFTrDA	0.71730	0.69964	0.70108	0.76972	0.76090	0.75239	0.76595	-	AVG		0.738		3.8938	20	O
PFUnA	0.81213	0.78855	0.79243	0.89424	0.87800	0.86134	0.94297	-	AVG		0.853		6.265	20	O
M-4:2 FTS-13C2	0.19822	0.18884	0.20089	0.19588	0.19660	0.18492	-	-	AVG		0.194		2.8542	20	O
M-6:2 FTS-13C2	0.15558	0.14612	0.14638	0.14796	0.14613	0.15160	-	-	AVG		0.149		2.3662	20	O
M-8:2 FTS-13C2	0.13718	0.13440	0.13886	0.13745	0.13887	0.14038	-	-	AVG		0.138		1.3558	20	O
M-GenX-13C3 (HFPO-DA)	0.19701	0.19718	0.20434	0.20258	0.19786	0.19557	0.15747	0.20075	AVG		0.194		7.2787	20	O
M-NEtFOSA-D5	0.39390	0.37909	0.38601	0.36947	0.39399	0.39934	0.44614	-	AVG		0.395		5.7515	20	O
M-NEtFOSAA-D5	0.23622	0.22401	0.22213	0.23106	0.23132	0.23747	0.25410	-	AVG		0.234		4.2068	20	O
M-NEtFOSE-D9	0.17748	0.17525	0.17433	0.17021	0.17776	0.17922	0.16892	-	AVG		0.175		2.0698	20	O
M-NMeFOSA-D3	0.36153	0.35250	0.36076	0.34642	0.36152	0.37489	0.42397	-	AVG		0.369		6.4963	20	O
M-NMeFOSAA-D3	0.48919	0.52120	0.48418	0.46747	0.45260	0.44215	0.43217	-	AVG		0.47		6.0764	20	O
M-NMeFOSE-D7	0.021314	0.020095	0.019971	0.020051	0.020382	0.020334	0.020014	-	AVG		0.0203		2.1461	20	O
M-PFBA-13C4	0.49510	0.49423	0.49584	0.49870	0.49466	0.49512	0.50547	-	AVG		0.497		.74592	20	O
M-PFBS-13C3	1.3332	1.2322	1.2748	1.2416	1.2531	1.2110	1.1223	-	AVG		1.24		4.8091	20	O
M-PFDA-13C6	1.0825	1.0560	1.0521	1.0348	1.0206	1.0438	0.99769	-	AVG		1.04		2.4096	20	O
M-PFDoA-13C2	0.72226	0.68386	0.70418	0.70218	0.70279	0.74611	0.80939	-	AVG		0.724		5.4004	20	O
M-PFHpA-13C4	1.3454	1.3219	1.3096	1.3428	1.2745	1.3524	1.3361	-	AVG		1.33		1.8892	20	O
M-PFHxA-13C5	1.3542	1.3469	1.3345	1.3735	1.3382	1.3970	1.2742	-	AVG		1.35		2.6307	20	O
M-PFHxS-13C3	1.0506	1.0136	1.0059	1.0130	0.99816	1.0133	1.0159	-	AVG		1.02		1.5077	20	O
M-PFNA-13C9	1.0530	1.0354	0.99359	1.0218	1.0026	1.0224	0.99178	-	AVG		1.02		2.0617	20	O
M-PFOA-13C8	1.0880	1.0560	1.0540	1.0839	1.0835	1.0646	1.0807	-	AVG		1.07		1.2381	20	O
M-PFOS-13C8	1.0895	0.97209	0.98392	1.0179	1.0331	1.0488	1.0302	-	AVG		1.03		3.5665	20	O
M-PFOSA-13C8	1.5019	1.4393	1.4274	1.4402	1.4549	1.5399	1.7515	-	AVG		1.51		7.0439	20	O
M-PFPeA-13C5	0.88509	0.85475	0.86173	0.88645	0.83810	0.84550	0.75745	-	AVG		0.847		4.7613	20	O
M-PFTeDA-13C2	0.16004	0.14758	0.15021	0.15315	0.14916	0.15475	0.17285	-	AVG		0.155		5.2074	20	O
M-PFUnA-13C7	0.94542	0.90742	0.93039	0.89602	0.87575	0.88917	0.82577	-	AVG		0.896		4.035	20	O

Legend: O = Acceptable; W = Failed %RSD Value; X = Failed R^2 Value

Form 7
Calibration Verification Summary

Lab ID: WG377753-9
SDG: SS5847
File ID: 2LC04239
Report Date: 13-OCT-25
Sample Type: INDSOURCE

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	10.0	11.7	117	ng/mL	70-130
3:3FTCA	12.5	13.3	106	ng/mL	70-130
4:2 FTS	10.0	11.3	113	ng/mL	70-130
5:3FTCA	62.5	65.9	105	ng/mL	70-130
6:2 FTS	10.0	10.9	109	ng/mL	70-130
7:3FTCA	62.5	65.2	104	ng/mL	70-130
8:2 FTS	10.0	11.9	119	ng/mL	70-130
9Cl-PF3ONS	10.0	11.6	116	ng/mL	70-130
ADONA	10.0	9.62	96	ng/mL	70-130
GenX (HFPO-DA)	10.0	9.22	92	ng/mL	70-130
NEtFOSA	2.50	2.49	100	ng/mL	70-130
NEtFOSAA	2.50	2.58	103	ng/mL	70-130
NEtFOSE	25.0	27.5	110	ng/mL	70-130
NFDHA	5.00	5.85	117	ng/mL	70-130
NMeFOSA	2.50	2.56	102	ng/mL	70-130
NMeFOSAA	2.50	2.64	105	ng/mL	70-130
NMeFOSE	25.0	27.1	108	ng/mL	70-130
PFBA	10.0	11.4	114	ng/mL	70-130
PFBS	2.50	2.70	108	ng/mL	70-130
PFDA	2.50	2.77	111	ng/mL	70-130
PFDoA	2.50	2.85	114	ng/mL	70-130
PFDoS	2.50	2.95	118	ng/mL	70-130
PFDS	2.50	2.98	119	ng/mL	70-130
PFEESA	5.00	5.10	102	ng/mL	70-130
PFHpA	2.50	2.49	100	ng/mL	70-130
PFHpS	2.50	2.82	113	ng/mL	70-130
PFHxA	2.50	2.68	107	ng/mL	70-130
Total PFHxS	2.50	2.77	111	ng/mL	70-130
PFMBA	5.00	5.17	103	ng/mL	70-130
PFMPA	5.00	5.21	104	ng/mL	70-130
Total PFNA	2.50	2.65	106	ng/mL	70-130
PFNS	2.50	2.88	115	ng/mL	70-130
Total PFOA	2.50	2.79	112	ng/mL	70-130
PFOS	2.50	2.65	106	ng/mL	70-130
PFOSA	2.50	2.85	114	ng/mL	70-130
PFPeA	5.00	5.39	108	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-9
SDG: SS5847
File ID: 2LC04239
Report Date: 13-OCT-25
Sample Type: INDSOURCE

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFPeS	2.50	2.78	111	ng/mL	70-130
PFTeDA	2.50	2.79	111	ng/mL	70-130
PFTrDA	2.50	2.94	118	ng/mL	70-130
PFUnA	2.50	2.92	117	ng/mL	70-130
M-4:2 FTS-13C2	3.75	4.06	108	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.83	101	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.86	101	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	8.04	100	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.04	101	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.93	96	ng/mL	70-130
M-NEtFOSE-D9	20.0	19.7	98	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.64	91	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.92	96	ng/mL	70-130
M-NMeFOSE-D7	20.0	19.8	99	ng/mL	70-130
M-PFBA-13C4	8.00	7.83	98	ng/mL	70-130
M-PFBS-13C3	1.86	1.81	97	ng/mL	70-130
M-PFDA-13C6	1.00	0.982	98	ng/mL	70-130
M-PFDoA-13C2	1.00	0.994	99	ng/mL	70-130
M-PFHpA-13C4	2.00	1.88	94	ng/mL	70-130
M-PFHxA-13C5	2.00	1.91	96	ng/mL	70-130
M-PFHxS-13C3	1.90	1.92	101	ng/mL	70-130
M-PFNA-13C9	1.00	1.00	100	ng/mL	70-130
M-PFOA-13C8	2.00	1.93	96	ng/mL	70-130
M-PFOS-13C8	1.92	1.83	95	ng/mL	70-130
M-PFOSA-13C8	2.00	1.94	97	ng/mL	70-130
M-PFPeA-13C5	4.00	4.05	101	ng/mL	70-130
M-PFTeDA-13C2	1.00	1.02	102	ng/mL	70-130
M-PFUnA-13C7	1.00	1.04	104	ng/mL	70-130

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Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** SS5847

Lab File IDs : 2LC04321 2LC04322 2LC04323 2LC04324 2LC04325 2LC04326 2LC04327 2LC04320

Instrument ID: LCMS-2

Calibration Date(s): 10-OCT-25 12:11, 10-OCT-25 13:39

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Type	b	m1	m2	%RSD or R^2 Result	Limit	
11Cl-PF3OUdS	0.82931	0.77986	0.79849	0.90186	0.85832	0.82270	0.74999	-	AVG		0.82		5.7761	20	O
3:3FTCA	0.031152	0.029566	0.031155	0.033768	0.033833	0.034973	0.043183	-	AVG		0.0339		12.258	20	O
4:2 FTS	0.80929	0.73452	0.82900	0.83824	0.88370	0.76208	-	-	AVG		0.809		6.0904	20	O
5:3FTCA	0.019868	0.019098	0.019652	0.021217	0.021071	0.020974	0.022548	-	AVG		0.0177		4.6069	20	O
6:2 FTS	0.83713	0.81941	0.81968	0.90745	0.87872	0.85416	-	-	AVG		0.853		3.7447	20	O
7:3FTCA	0.096292	0.092489	0.094210	0.10240	0.10146	0.10437	0.11983	-	AVG		0.0871		6.8901	20	O
8:2 FTS	0.76720	0.70804	0.71024	0.80592	0.76498	0.80092	-	-	AVG		0.76		5.1088	20	O
9Cl-PF3ONS	1.2539	1.1457	1.1401	1.2998	1.2141	1.1912	0.89037	-	AVG		1.16		10.682	20	O
ADONA	10.058	9.3524	9.7571	9.4874	9.9941	11.171	9.3597	-	AVG		9.88		5.961	20	O
GenX (HFPO-DA)	0.63947	0.57441	0.57273	0.58146	0.65848	0.68105	0.64075	0.55062	AVG		0.612		7.3402	20	O
NEtFOSA	1.0446	1.0288	1.0470	1.1198	1.1245	1.1578	1.2261	-	AVG		1.11		5.9961	20	O
NEtFOSAA	0.80316	0.78668	0.80945	0.91357	0.91094	0.87136	0.97624	-	AVG		0.867		7.5338	20	O
NEtFOSE	0.92151	0.90426	0.85033	0.96277	0.95905	0.97036	0.95429	-	AVG		0.932		4.292	20	O
NFDHA	0.039525	0.039456	0.042089	0.040043	0.044363	0.043480	0.038134	-	AVG		0.041		5.2403	20	O
NMeFOSA	1.0316	1.0028	1.0071	1.0989	1.1012	1.1079	1.1162	-	AVG		1.07		4.3737	20	O
NMeFOSAA	0.71627	0.66705	0.67740	0.79036	0.75963	0.75321	0.81781	-	AVG		0.74		7.0292	20	O
NMeFOSE	6.5024	6.3320	6.3638	7.0154	6.8377	7.0203	7.2120	-	AVG		6.75		4.8449	20	O
PFBA	0.65079	0.63502	0.64830	0.71765	0.71220	0.71593	0.75432	-	AVG		0.691		6.0854	20	O
PFBS	0.84279	0.81891	0.89651	0.96259	0.93307	0.92783	1.0902	-	AVG		0.925		8.9185	20	O
PFDA	0.84070	0.80545	0.80782	0.84926	0.84645	0.86258	0.91711	-	AVG		0.847		4.105	20	O
PFDoA	0.90152	0.87422	0.87704	0.95789	0.95524	0.91269	0.92585	-	AVG		0.915		3.4238	20	O
PFDoS	0.69342	0.63343	0.64712	0.73671	0.71916	0.73647	0.73538	-	AVG		0.701		5.756	20	O
PFDS	0.69733	0.63522	0.67225	0.76844	0.73667	0.74640	0.75934	-	AVG		0.717		6.348	20	O
PFEESA	3.0506	2.8752	2.8610	3.0166	3.1126	3.0876	2.0906	-	AVG		2.87		11.538	20	O
PFHpA	0.87372	0.82364	0.82653	0.90101	0.88317	0.88262	0.92545	-	AVG		0.874		3.9466	20	O
PFHpS	1.0111	0.93036	0.94082	1.0794	1.0552	1.0586	1.0232	-	AVG		1.01		5.3221	20	O
PFHxA	1.0764	0.85882	0.83676	0.91312	0.92216	0.93043	0.98922	-	AVG		0.932		8.0069	20	O
PFHxS	0.94280	0.93502	0.91233	1.0041	0.98018	0.99216	1.0781	-	AVG		0.978		5.229	20	O
PFHxS Branched	0.80173	0.80902	0.79928	0.87877	0.87946	0.92676	1.0921	-	AVG		0.884		10.88	20	O
PFMBA	1.5125	1.4252	1.4926	1.6701	1.6559	1.6933	1.7508	-	AVG		1.6		7.0573	20	O
PFMPA	1.1140	1.0719	1.0950	1.1828	1.1518	1.1795	1.3327	-	AVG		1.16		6.8977	20	O
PFNA	0.98469	0.94546	0.93831	1.0244	1.0136	1.0236	1.0526	-	AVG		0.998		3.9886	20	O
PFNA Branched	0.36240	0.35052	0.36812	0.39286	0.38940	0.39982	0.45381	-	AVG		0.388		8.119	20	O
PFNS	0.79186	0.75101	0.76327	0.85877	0.83004	0.86572	0.87315	-	AVG		0.819		5.6302	20	O
PFOA	0.64978	0.62031	0.63141	0.69032	0.68110	0.68676	0.73436	-	AVG		0.671		5.4422	20	O
PFOA Branched	0.30175	0.32481	0.31133	0.35191	0.35251	0.35677	0.39163	-	AVG		0.342		8.3879	20	O
PFOS	1.0306	0.92540	0.96446	1.0492	1.0202	1.0086	1.0749	-	AVG		1.01		4.5765	20	O
PFOSA	0.72740	0.70705	0.73106	0.79095	0.79424	0.79250	0.87269	-	AVG		0.774		6.7828	20	O

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** SS5847

Lab File IDs : 2LC04321 2LC04322 2LC04323 2LC04324 2LC04325 2LC04326 2LC04327 2LC04320

Instrument ID: LCMS-2

Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Type	b	m1	m2	%RSD or R^2 Result	Limit	
PFPeA	0.55992	0.52249	0.52856	0.58057	0.57046	0.57363	0.60477	-	AVG		0.563		4.7758	20	O
PFPeS	1.2204	1.1934	1.1963	1.3091	1.2829	1.2846	1.3128	-	AVG		1.26		3.8413	20	O
PFTeDA	1.8575	1.7699	1.7679	2.0230	1.9695	1.9563	1.9580	-	AVG		1.9		4.9805	20	O
PFTrDA	0.72250	0.68898	0.69070	0.76443	0.73502	0.72550	0.74729	-	AVG		0.725		3.5486	20	O
PFUnA	0.83945	0.78210	0.81995	0.92849	0.88126	0.86408	0.93745	-	AVG		0.865		6.0408	20	O
M-4:2 FTS-13C2	0.24215	0.24534	0.22740	0.23850	0.22724	0.23590	-	-	AVG		0.236		2.9039	20	O
M-6:2 FTS-13C2	0.18850	0.18290	0.17972	0.18503	0.18394	0.18250	-	-	AVG		0.184		1.4514	20	O
M-8:2 FTS-13C2	0.14724	0.13720	0.13873	0.14194	0.14292	0.14087	-	-	AVG		0.141		2.266	20	O
M-GenX-13C3 (HFPO-DA)	0.21545	0.22252	0.20807	0.23456	0.21188	0.19190	0.16240	0.24507	AVG		0.211		11.342	20	O
M-NEtFOSA-D5	0.38418	0.37918	0.38164	0.37681	0.40174	0.38107	0.43547	-	AVG		0.391		4.9854	20	O
M-NEtFOSAA-D5	0.25370	0.24432	0.24912	0.25298	0.24710	0.24382	0.27296	-	AVG		0.252		3.6775	20	O
M-NEtFOSE-D9	0.17703	0.17408	0.18010	0.17318	0.18117	0.16522	0.16043	-	AVG		0.173		4.1063	20	O
M-NMeFOSA-D3	0.33016	0.32660	0.33811	0.33698	0.34834	0.33125	0.38923	-	AVG		0.343		5.8289	20	O
M-NMeFOSAA-D3	0.28862	0.29110	0.29396	0.28619	0.28757	0.26712	0.29224	-	AVG		0.287		2.9213	20	O
M-NMeFOSE-D7	0.020456	0.019051	0.019285	0.019665	0.020175	0.018386	0.018538	-	AVG		0.0194		3.7454	20	O
M-PFBA-13C4	0.60447	0.60480	0.59881	0.59306	0.58628	0.58524	0.58446	-	AVG		0.594		1.3907	20	O
M-PFBS-13C3	1.2549	1.2199	1.1620	1.1844	1.2017	1.1971	1.0587	-	AVG		1.18		4.8439	20	O
M-PFDA-13C6	1.1672	1.1434	1.0943	1.1400	1.1690	1.1405	1.0752	-	AVG		1.13		2.8926	20	O
M-PFDoA-13C2	0.84641	0.84649	0.84576	0.83213	0.88145	0.90969	0.95207	-	AVG		0.873		4.6386	20	O
M-PFHpA-13C4	1.3896	1.3420	1.3316	1.3558	1.3461	1.3696	1.3686	-	AVG		1.36		1.3472	20	O
M-PFHxA-13C5	1.1778	1.1648	1.1486	1.1933	1.1672	1.1899	1.1192	-	AVG		1.17		2.0367	20	O
M-PFHxS-13C3	1.0391	0.97627	0.96330	1.0019	0.99615	0.95492	0.97171	-	AVG		0.986		2.6973	20	O
M-PFNA-13C9	0.97224	0.97056	0.94530	0.99272	0.95068	0.97356	0.96398	-	AVG		0.967		1.5093	20	O
M-PFOA-13C8	1.1316	1.1133	1.0970	1.1006	1.0844	1.0970	1.0946	-	AVG		1.1		1.2886	20	O
M-PFOS-13C8	1.0086	1.0170	1.0240	0.98940	1.0442	0.97613	1.0467	-	AVG		1.02		2.3983	20	O
M-PFOSA-13C8	1.3916	1.3535	1.3451	1.3871	1.4280	1.3953	1.6280	-	AVG		1.42		6.296	20	O
M-PFPeA-13C5	0.83989	0.86743	0.81704	0.82676	0.80537	0.80829	0.73175	-	AVG		0.814		4.7746	20	O
M-PFTeDA-13C2	0.32786	0.31809	0.32141	0.31273	0.32197	0.32068	0.34109	-	AVG		0.323		2.5826	20	O
M-PFUnA-13C7	1.0418	1.0508	1.0241	0.99494	1.0595	1.0448	0.92613	-	AVG		1.02		4.2322	20	O

Legend: O = Acceptable; W = Failed %RSD Value; X = Failed R^2 Value

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Form 7
Calibration Verification Summary

Lab ID: WG377859-9
SDG: SS5847
File ID: 2LC04329
Report Date: 13-OCT-25
Sample Type: INDSOURCE

Instrument ID: LCMS-2
Analysis Date: 10-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	10.0	11.3	113	ng/mL	70-130
3:3FTCA	12.5	12.5	100	ng/mL	70-130
4:2 FTS	10.0	11.3	113	ng/mL	70-130
5:3FTCA	62.5	68.9	110	ng/mL	70-130
6:2 FTS	10.0	10.5	105	ng/mL	70-130
7:3FTCA	62.5	65.5	105	ng/mL	70-130
8:2 FTS	10.0	11.2	112	ng/mL	70-130
9Cl-PF3ONS	10.0	11.7	117	ng/mL	70-130
ADONA	10.0	10.6	106	ng/mL	70-130
GenX (HFPO-DA)	10.0	9.02	90	ng/mL	70-130
NEtFOSA	2.50	2.54	102	ng/mL	70-130
NEtFOSAA	2.50	2.54	102	ng/mL	70-130
NEtFOSE	25.0	27.2	109	ng/mL	70-130
NFDHA	5.00	5.28	106	ng/mL	70-130
NMeFOSA	2.50	2.54	102	ng/mL	70-130
NMeFOSAA	2.50	2.64	106	ng/mL	70-130
NMeFOSE	25.0	27.4	110	ng/mL	70-130
PFBA	10.0	11.5	115	ng/mL	70-130
PFBS	2.50	2.74	110	ng/mL	70-130
PFDA	2.50	2.67	107	ng/mL	70-130
PFDoA	2.50	2.87	115	ng/mL	70-130
PFDoS	2.50	2.88	115	ng/mL	70-130
PFDS	2.50	2.86	114	ng/mL	70-130
PFEESA	5.00	5.23	105	ng/mL	70-130
PFHpA	2.50	2.42	97	ng/mL	70-130
PFHpS	2.50	2.85	114	ng/mL	70-130
PFHxA	2.50	2.65	106	ng/mL	70-130
Total PFHxS	2.50	2.90	116	ng/mL	70-130
PFMBA	5.00	5.58	112	ng/mL	70-130
PFMPA	5.00	5.38	108	ng/mL	70-130
Total PFNA	2.50	2.63	105	ng/mL	70-130
PFNS	2.50	2.79	112	ng/mL	70-130
Total PFOA	2.50	2.81	112	ng/mL	70-130
PFOS	2.50	2.64	106	ng/mL	70-130
PFOSA	2.50	2.93	117	ng/mL	70-130
PFPeA	5.00	5.54	111	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-9
SDG: SS5847
File ID: 2LC04329
Report Date: 13-OCT-25
Sample Type: INDSOURCE

Instrument ID: LCMS-2
Analysis Date: 10-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFPeS	2.50	2.83	113	ng/mL	70-130
PFTeDA	2.50	2.92	117	ng/mL	70-130
PFTrDA	2.50	2.98	119	ng/mL	70-130
PFUnA	2.50	2.92	117	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.62	96	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.81	100	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.92	102	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	7.19	90	ng/mL	70-130
M-NEtFOSAA-D5	4.00	3.93	98	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.94	97	ng/mL	70-130
M-NEtFOSE-D9	20.0	19.8	99	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.89	97	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.96	98	ng/mL	70-130
M-NMeFOSE-D7	20.0	19.8	99	ng/mL	70-130
M-PFBA-13C4	8.00	7.59	95	ng/mL	70-130
M-PFBS-13C3	1.86	1.95	104	ng/mL	70-130
M-PFDA-13C6	1.00	0.996	100	ng/mL	70-130
M-PFDoA-13C2	1.00	0.959	96	ng/mL	70-130
M-PFHpA-13C4	2.00	1.87	93	ng/mL	70-130
M-PFHxA-13C5	2.00	2.03	101	ng/mL	70-130
M-PFHxS-13C3	1.90	1.85	97	ng/mL	70-130
M-PFNA-13C9	1.00	0.958	96	ng/mL	70-130
M-PFOA-13C8	2.00	1.91	96	ng/mL	70-130
M-PFOS-13C8	1.92	1.90	99	ng/mL	70-130
M-PFOSA-13C8	2.00	1.93	96	ng/mL	70-130
M-PFPeA-13C5	4.00	3.70	93	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.916	92	ng/mL	70-130
M-PFUnA-13C7	1.00	1.03	103	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377657-2
SDG: SS5847
File ID: 1LC07908
Report Date: 13-OCT-25
Sample Type: LLCCV

Instrument ID: LCMS-1
Analysis Date: 07-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	0.754	0.803	106	ng/mL	70-130
3:3FTCA	1.00	0.918	92	ng/mL	70-130
4:2 FTS	0.750	0.746	100	ng/mL	70-130
5:3FTCA	5.00	5.04	101	ng/mL	70-130
6:2 FTS	0.761	0.747	98	ng/mL	70-130
7:3FTCA	5.00	5.14	103	ng/mL	70-130
8:2 FTS	0.768	0.762	99	ng/mL	70-130
9Cl-PF3ONS	0.746	0.884	118	ng/mL	70-130
ADONA	0.756	0.742	98	ng/mL	70-130
GenX (HFPO-DA)	0.800	0.808	101	ng/mL	70-130
NEtFOSA	0.200	0.186	93	ng/mL	70-130
NEtFOSAA	0.200	0.196	98	ng/mL	70-130
NEtFOSE	2.00	1.95	98	ng/mL	70-130
NFDHA	0.400	0.404	101	ng/mL	70-130
NMeFOSA	0.200	0.184	92	ng/mL	70-130
NMeFOSAA	0.200	0.190	95	ng/mL	70-130
NMeFOSE	2.00	1.82	91	ng/mL	70-130
PFBA	0.800	0.746	93	ng/mL	70-130
PFBS	0.178	0.170	96	ng/mL	70-130
PFDA	0.200	0.189	94	ng/mL	70-130
PFDoA	0.200	0.183	92	ng/mL	70-130
PFDoS	0.194	0.194	100	ng/mL	70-130
PFDS	0.193	0.190	98	ng/mL	70-130
PFEESA	0.357	0.393	110	ng/mL	70-130
PFHpA	0.200	0.199	99	ng/mL	70-130
PFHpS	0.190	0.198	104	ng/mL	70-130
PFHxA	0.200	0.233	116	ng/mL	70-130
PFHxS	0.148	0.151	102	ng/mL	70-130
PFHxS Branched	0.0344	0.0327	95	ng/mL	70-130
PFMBA	0.400	0.393	98	ng/mL	70-130
PFMPA	0.400	0.391	98	ng/mL	70-130
PFNA	0.130	0.122	93	ng/mL	70-130
PFNA Branched	0.0694	0.0604	87	ng/mL	70-130
PFNS	0.192	0.189	99	ng/mL	70-130
PFOA	0.133	0.133	100	ng/mL	70-130
PFOA Branched	0.0674	0.0668	99	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377657-2
SDG: SS5847
File ID: 1LC07908
Report Date: 13-OCT-25
Sample Type: LLCCV

Instrument ID: LCMS-1
Analysis Date: 07-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	0.186	0.192	103	ng/mL	70-130
PFOSA	0.200	0.221	111	ng/mL	70-130
PFPeA	0.400	0.391	98	ng/mL	70-130
PFPeS	0.188	0.189	100	ng/mL	70-130
PFTeDA	0.200	0.203	102	ng/mL	70-130
PFTrDA	0.200	0.172	86	ng/mL	70-130
PFUnA	0.200	0.193	97	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.69	98	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.84	101	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.89	101	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	7.91	99	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.01	100	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.71	85	ng/mL	70-130
M-NEtFOSE-D9	20.0	16.7	84	ng/mL	70-130
M-NMeFOSAA-D3	4.00	4.14	104	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.78	89	ng/mL	70-130
M-NMeFOSE-D7	20.0	18.1	90	ng/mL	70-130
M-PFBA-13C4	8.00	8.41	105	ng/mL	70-130
M-PFBS-13C3	1.86	2.05	110	ng/mL	70-130
M-PFDA-13C6	1.00	1.00	100	ng/mL	70-130
M-PFDoA-13C2	1.00	1.10	110	ng/mL	70-130
M-PFHpA-13C4	2.00	1.91	96	ng/mL	70-130
M-PFHxA-13C5	2.00	1.90	95	ng/mL	70-130
M-PFHxS-13C3	1.90	1.99	105	ng/mL	70-130
M-PFNA-13C9	1.00	1.05	105	ng/mL	70-130
M-PFOA-13C8	2.00	2.01	101	ng/mL	70-130
M-PFOS-13C8	1.92	1.85	96	ng/mL	70-130
M-PFOSA-13C8	2.00	1.71	85	ng/mL	70-130
M-PFPeA-13C5	4.00	3.92	98	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.920	92	ng/mL	70-130
M-PFUnA-13C7	1.00	1.14	114	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377657-4
SDG: SS5847
File ID: 1LC07910
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-1
Analysis Date: 07-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	10.7	113	ng/mL	70-130
3:3FTCA	12.5	12.4	99	ng/mL	70-130
4:2 FTS	9.37	9.69	103	ng/mL	70-130
5:3FTCA	62.5	62.8	100	ng/mL	70-130
6:2 FTS	9.51	10.1	107	ng/mL	70-130
7:3FTCA	62.5	63.7	102	ng/mL	70-130
8:2 FTS	9.60	10.6	111	ng/mL	70-130
9Cl-PF3ONS	9.33	11.2	120	ng/mL	70-130
ADONA	9.45	10.4	110	ng/mL	70-130
GenX (HFPO-DA)	10.0	10.8	108	ng/mL	70-130
NEtFOSA	2.50	2.53	101	ng/mL	70-130
NEtFOSAA	2.50	2.52	101	ng/mL	70-130
NEtFOSE	25.0	27.0	108	ng/mL	70-130
NFDHA	5.00	4.79	96	ng/mL	70-130
NMeFOSA	2.50	2.51	100	ng/mL	70-130
NMeFOSAA	2.50	2.63	105	ng/mL	70-130
NMeFOSE	25.0	25.2	101	ng/mL	70-130
PFBA	10.0	9.95	100	ng/mL	70-130
PFBS	2.22	2.38	107	ng/mL	70-130
PFDA	2.50	2.56	102	ng/mL	70-130
PFDoA	2.50	2.74	109	ng/mL	70-130
PFDoS	2.42	2.62	108	ng/mL	70-130
PFDS	2.41	2.58	107	ng/mL	70-130
PFEESA	4.46	5.05	113	ng/mL	70-130
PFHpA	2.50	2.60	104	ng/mL	70-130
PFHpS	2.38	2.34	98	ng/mL	70-130
PFHxA	2.50	2.54	101	ng/mL	70-130
PFHxS	1.85	1.94	105	ng/mL	70-130
PFHxS Branched	0.430	0.438	102	ng/mL	70-130
PFMBA	5.00	5.26	105	ng/mL	70-130
PFMPA	5.00	5.05	101	ng/mL	70-130
PFNA	1.63	1.72	105	ng/mL	70-130
PFNA Branched	0.868	0.858	99	ng/mL	70-130
PFNS	2.40	2.62	109	ng/mL	70-130
PFOA	1.66	1.65	99	ng/mL	70-130
PFOA Branched	0.842	0.854	101	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377657-4
SDG: SS5847
File ID: 1LC07910
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-1
Analysis Date: 07-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.45	106	ng/mL	70-130
PFOSA	2.50	2.88	115	ng/mL	70-130
PFPeA	5.00	5.29	106	ng/mL	70-130
PFPeS	2.35	2.44	104	ng/mL	70-130
PFTeDA	2.50	2.77	111	ng/mL	70-130
PFTrDA	2.50	2.49	100	ng/mL	70-130
PFUnA	2.50	2.65	106	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.66	97	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.56	94	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.64	95	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	6.91	86	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.13	103	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.74	87	ng/mL	70-130
M-NEtFOSE-D9	20.0	15.9	80	ng/mL	70-130
M-NMeFOSAA-D3	4.00	4.19	105	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.86	93	ng/mL	70-130
M-NMeFOSE-D7	20.0	17.9	89	ng/mL	70-130
M-PFBA-13C4	8.00	8.52	106	ng/mL	70-130
M-PFBS-13C3	1.86	1.85	99	ng/mL	70-130
M-PFDA-13C6	1.00	1.03	103	ng/mL	70-130
M-PFDoA-13C2	1.00	1.08	108	ng/mL	70-130
M-PFHpA-13C4	2.00	1.88	94	ng/mL	70-130
M-PFHxA-13C5	2.00	1.90	95	ng/mL	70-130
M-PFHxS-13C3	1.90	1.93	102	ng/mL	70-130
M-PFNA-13C9	1.00	1.02	102	ng/mL	70-130
M-PFOA-13C8	2.00	1.99	100	ng/mL	70-130
M-PFOS-13C8	1.92	1.82	95	ng/mL	70-130
M-PFOSA-13C8	2.00	1.80	90	ng/mL	70-130
M-PFPeA-13C5	4.00	3.91	98	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.958	96	ng/mL	70-130
M-PFUnA-13C7	1.00	1.11	111	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377657-6
SDG: SS5847
File ID: 1LC07930
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-1
Analysis Date: 07-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	11.2	119	ng/mL	70-130
3:3FTCA	12.5	13.0	104	ng/mL	70-130
4:2 FTS	9.37	10.2	108	ng/mL	70-130
5:3FTCA	62.5	69.2	111	ng/mL	70-130
6:2 FTS	9.51	10.3	108	ng/mL	70-130
7:3FTCA	62.5	68.4	109	ng/mL	70-130
8:2 FTS	9.60	11.1	116	ng/mL	70-130
9Cl-PF3ONS	9.33	11.7	126	ng/mL	70-130
ADONA	9.45	11.4	121	ng/mL	70-130
GenX (HFPO-DA)	10.0	11.2	112	ng/mL	70-130
NEtFOSA	2.50	2.47	99	ng/mL	70-130
NEtFOSAA	2.50	2.57	103	ng/mL	70-130
NEtFOSE	25.0	27.5	110	ng/mL	70-130
NFDHA	5.00	4.15	83	ng/mL	70-130
NMeFOSA	2.50	2.51	100	ng/mL	70-130
NMeFOSAA	2.50	2.74	110	ng/mL	70-130
NMeFOSE	25.0	25.6	102	ng/mL	70-130
PFBA	10.0	9.77	98	ng/mL	70-130
PFBS	2.22	2.38	107	ng/mL	70-130
PFDA	2.50	2.54	101	ng/mL	70-130
PFDoA	2.50	2.63	105	ng/mL	70-130
PFDoS	2.42	2.75	113	ng/mL	70-130
PFDS	2.41	2.70	112	ng/mL	70-130
PFEESA	4.46	4.89	110	ng/mL	70-130
PFHpA	2.50	2.60	104	ng/mL	70-130
PFHpS	2.38	2.49	105	ng/mL	70-130
PFHxA	2.50	2.48	99	ng/mL	70-130
PFHxS	1.85	1.96	106	ng/mL	70-130
PFHxS Branched	0.430	0.446	104	ng/mL	70-130
PFMBA	5.00	5.02	100	ng/mL	70-130
PFMPA	5.00	5.07	101	ng/mL	70-130
PFNA	1.63	1.67	103	ng/mL	70-130
PFNA Branched	0.868	0.851	98	ng/mL	70-130
PFNS	2.40	2.63	110	ng/mL	70-130
PFOA	1.66	1.67	101	ng/mL	70-130
PFOA Branched	0.842	0.841	100	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377657-6
SDG: SS5847
File ID: 1LC07930
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-1
Analysis Date: 07-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 03-OCT-25 12:55
03-OCT-25 14:24

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.43	105	ng/mL	70-130
PFOSA	2.50	2.92	117	ng/mL	70-130
PFPeA	5.00	5.19	104	ng/mL	70-130
PFPeS	2.35	2.44	104	ng/mL	70-130
PFTeDA	2.50	2.73	109	ng/mL	70-130
PFTrDA	2.50	2.61	104	ng/mL	70-130
PFUnA	2.50	2.57	103	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.71	99	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.79	100	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.97	103	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	6.05	76	ng/mL	70-130
M-NEtFOSAA-D5	4.00	3.93	98	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.57	78	ng/mL	70-130
M-NEtFOSE-D9	20.0	14.8	74	ng/mL	70-130
M-NMeFOSAA-D3	4.00	4.06	101	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.77	89	ng/mL	70-130
M-NMeFOSE-D7	20.0	17.7	88	ng/mL	70-130
M-PFBA-13C4	8.00	8.44	105	ng/mL	70-130
M-PFBS-13C3	1.86	1.87	100	ng/mL	70-130
M-PFDA-13C6	1.00	1.00	100	ng/mL	70-130
M-PFDoA-13C2	1.00	1.10	110	ng/mL	70-130
M-PFHpA-13C4	2.00	1.85	92	ng/mL	70-130
M-PFHxA-13C5	2.00	1.85	93	ng/mL	70-130
M-PFHxS-13C3	1.90	1.95	103	ng/mL	70-130
M-PFNA-13C9	1.00	1.03	103	ng/mL	70-130
M-PFOA-13C8	2.00	1.97	98	ng/mL	70-130
M-PFOS-13C8	1.92	1.75	91	ng/mL	70-130
M-PFOSA-13C8	2.00	1.84	92	ng/mL	70-130
M-PFPeA-13C5	4.00	3.80	95	ng/mL	70-130
M-PFTeDA-13C2	1.00	1.12	112	ng/mL	70-130
M-PFUnA-13C7	1.00	1.10	110	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-13
SDG: SS5847
File ID: 2LC04241
Report Date: 13-OCT-25
Sample Type: LLCCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	0.754	0.753	100	ng/mL	70-130
3:3FTCA	1.00	1.02	102	ng/mL	70-130
4:2 FTS	0.750	0.807	108	ng/mL	70-130
5:3FTCA	5.00	5.02	100	ng/mL	70-130
6:2 FTS	0.761	0.761	100	ng/mL	70-130
7:3FTCA	5.00	4.79	96	ng/mL	70-130
8:2 FTS	0.768	0.766	100	ng/mL	70-130
9Cl-PF3ONS	0.746	0.787	105	ng/mL	70-130
ADONA	0.756	0.787	104	ng/mL	70-130
GenX (HFPO-DA)	0.800	0.879	110	ng/mL	70-130
NEtFOSA	0.200	0.193	96	ng/mL	70-130
NEtFOSAA	0.200	0.196	98	ng/mL	70-130
NEtFOSE	2.00	1.95	98	ng/mL	70-130
NFDHA	0.400	0.388	97	ng/mL	70-130
NMeFOSA	0.200	0.194	97	ng/mL	70-130
NMeFOSAA	0.200	0.188	94	ng/mL	70-130
NMeFOSE	2.00	1.87	93	ng/mL	70-130
PFBA	0.800	0.774	97	ng/mL	70-130
PFBS	0.178	0.158	89	ng/mL	70-130
PFDA	0.200	0.193	96	ng/mL	70-130
PFDoA	0.200	0.198	99	ng/mL	70-130
PFDoS	0.194	0.187	96	ng/mL	70-130
PFDS	0.193	0.187	97	ng/mL	70-130
PFEESA	0.357	0.364	102	ng/mL	70-130
PFHpA	0.200	0.201	100	ng/mL	70-130
PFHpS	0.190	0.173	91	ng/mL	70-130
PFHxA	0.200	0.229	115	ng/mL	70-130
PFHxS	0.148	0.145	98	ng/mL	70-130
PFHxS Branched	0.0344	0.0319	93	ng/mL	70-130
PFMBA	0.400	0.390	97	ng/mL	70-130
PFMPA	0.400	0.384	96	ng/mL	70-130
PFNA	0.130	0.125	96	ng/mL	70-130
PFNA Branched	0.0694	0.0663	96	ng/mL	70-130
PFNS	0.192	0.192	100	ng/mL	70-130
PFOA	0.133	0.129	97	ng/mL	70-130
PFOA Branched	0.0674	0.0605	90	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-13
SDG: SS5847
File ID: 2LC04241
Report Date: 13-OCT-25
Sample Type: LLCCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	0.186	0.190	103	ng/mL	70-130
PFOSA	0.200	0.193	96	ng/mL	70-130
PFPeA	0.400	0.379	95	ng/mL	70-130
PFPeS	0.188	0.184	98	ng/mL	70-130
PFTeDA	0.200	0.195	98	ng/mL	70-130
PFTrDA	0.200	0.190	95	ng/mL	70-130
PFUnA	0.200	0.193	96	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.88	104	ng/mL	70-130
M-6:2 FTS-13C2	3.80	4.24	111	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.99	104	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	7.68	96	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.07	102	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.98	99	ng/mL	70-130
M-NEtFOSE-D9	20.0	19.9	99	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.76	94	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.92	96	ng/mL	70-130
M-NMeFOSE-D7	20.0	20.8	104	ng/mL	70-130
M-PFBA-13C4	8.00	7.83	98	ng/mL	70-130
M-PFBS-13C3	1.86	2.03	109	ng/mL	70-130
M-PFDA-13C6	1.00	1.05	105	ng/mL	70-130
M-PFDoA-13C2	1.00	1.02	102	ng/mL	70-130
M-PFHpA-13C4	2.00	1.97	99	ng/mL	70-130
M-PFHxA-13C5	2.00	2.03	101	ng/mL	70-130
M-PFHxS-13C3	1.90	1.94	102	ng/mL	70-130
M-PFNA-13C9	1.00	1.01	101	ng/mL	70-130
M-PFOA-13C8	2.00	2.04	102	ng/mL	70-130
M-PFOS-13C8	1.92	1.98	104	ng/mL	70-130
M-PFOSA-13C8	2.00	2.02	101	ng/mL	70-130
M-PFPeA-13C5	4.00	4.22	106	ng/mL	70-130
M-PFTeDA-13C2	1.00	1.08	108	ng/mL	70-130
M-PFUnA-13C7	1.00	1.03	103	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-15
SDG: SS5847
File ID: 2LC04243
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	10.6	112	ng/mL	70-130
3:3FTCA	12.5	14.2	114	ng/mL	70-130
4:2 FTS	9.37	10.2	108	ng/mL	70-130
5:3FTCA	62.5	64.8	104	ng/mL	70-130
6:2 FTS	9.51	10.1	106	ng/mL	70-130
7:3FTCA	62.5	66.7	107	ng/mL	70-130
8:2 FTS	9.60	10.2	106	ng/mL	70-130
9Cl-PF3ONS	9.33	10.9	117	ng/mL	70-130
ADONA	9.45	10.2	108	ng/mL	70-130
GenX (HFPO-DA)	10.0	10.2	102	ng/mL	70-130
NEtFOSA	2.50	2.53	101	ng/mL	70-130
NEtFOSAA	2.50	2.55	102	ng/mL	70-130
NEtFOSE	25.0	25.5	102	ng/mL	70-130
NFDHA	5.00	5.01	100	ng/mL	70-130
NMeFOSA	2.50	2.55	102	ng/mL	70-130
NMeFOSAA	2.50	2.57	103	ng/mL	70-130
NMeFOSE	25.0	25.5	102	ng/mL	70-130
PFBA	10.0	10.4	104	ng/mL	70-130
PFBS	2.22	2.21	99	ng/mL	70-130
PFDA	2.50	2.46	98	ng/mL	70-130
PFDoA	2.50	2.61	104	ng/mL	70-130
PFDoS	2.42	2.59	107	ng/mL	70-130
PFDS	2.41	2.60	108	ng/mL	70-130
PFEESA	4.46	4.72	106	ng/mL	70-130
PFHpA	2.50	2.59	104	ng/mL	70-130
PFHpS	2.38	2.52	106	ng/mL	70-130
PFHxA	2.50	2.46	98	ng/mL	70-130
PFHxS	1.85	1.89	102	ng/mL	70-130
PFHxS Branched	0.430	0.438	102	ng/mL	70-130
PFMBA	5.00	5.46	109	ng/mL	70-130
PFMPA	5.00	5.27	105	ng/mL	70-130
PFNA	1.63	1.70	104	ng/mL	70-130
PFNA Branched	0.868	0.875	101	ng/mL	70-130
PFNS	2.40	2.54	106	ng/mL	70-130
PFOA	1.66	1.67	101	ng/mL	70-130
PFOA Branched	0.842	0.840	100	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-15
SDG: SS5847
File ID: 2LC04243
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.44	105	ng/mL	70-130
PFOSA	2.50	2.56	102	ng/mL	70-130
PFPeA	5.00	5.00	100	ng/mL	70-130
PFPeS	2.35	2.40	102	ng/mL	70-130
PFTeDA	2.50	2.62	105	ng/mL	70-130
PFTrDA	2.50	2.53	101	ng/mL	70-130
PFUnA	2.50	2.58	103	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.79	101	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.98	105	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.77	98	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	7.64	95	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.05	101	ng/mL	70-130
M-NEtFOSA-D5	2.00	2.00	100	ng/mL	70-130
M-NEtFOSE-D9	20.0	19.7	99	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.78	95	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.96	98	ng/mL	70-130
M-NMeFOSE-D7	20.0	19.7	99	ng/mL	70-130
M-PFBA-13C4	8.00	7.92	99	ng/mL	70-130
M-PFBS-13C3	1.86	1.89	101	ng/mL	70-130
M-PFDA-13C6	1.00	1.02	102	ng/mL	70-130
M-PFDoA-13C2	1.00	1.02	102	ng/mL	70-130
M-PFHpA-13C4	2.00	1.92	96	ng/mL	70-130
M-PFHxA-13C5	2.00	2.05	102	ng/mL	70-130
M-PFHxS-13C3	1.90	1.87	99	ng/mL	70-130
M-PFNA-13C9	1.00	1.01	101	ng/mL	70-130
M-PFOA-13C8	2.00	2.03	101	ng/mL	70-130
M-PFOS-13C8	1.92	1.85	97	ng/mL	70-130
M-PFOSA-13C8	2.00	2.00	100	ng/mL	70-130
M-PFPeA-13C5	4.00	4.07	102	ng/mL	70-130
M-PFTeDA-13C2	1.00	1.08	108	ng/mL	70-130
M-PFUnA-13C7	1.00	1.04	104	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-17
SDG: SS5847
File ID: 2LC04261
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	10.2	109	ng/mL	70-130
3:3FTCA	12.5	17.3	* 138	ng/mL	70-130
4:2 FTS	9.37	9.68	103	ng/mL	70-130
5:3FTCA	62.5	65.1	104	ng/mL	70-130
6:2 FTS	9.51	10.1	106	ng/mL	70-130
7:3FTCA	62.5	66.4	106	ng/mL	70-130
8:2 FTS	9.60	10.9	114	ng/mL	70-130
9Cl-PF3ONS	9.33	10.8	115	ng/mL	70-130
ADONA	9.45	9.56	101	ng/mL	70-130
GenX (HFPO-DA)	10.0	9.54	95	ng/mL	70-130
NEtFOSA	2.50	2.52	101	ng/mL	70-130
NEtFOSAA	2.50	2.73	109	ng/mL	70-130
NEtFOSE	25.0	25.5	102	ng/mL	70-130
NFDHA	5.00	4.96	99	ng/mL	70-130
NMeFOSA	2.50	2.54	101	ng/mL	70-130
NMeFOSAA	2.50	2.49	100	ng/mL	70-130
NMeFOSE	25.0	25.3	101	ng/mL	70-130
PFBA	10.0	10.3	103	ng/mL	70-130
PFBS	2.22	2.28	102	ng/mL	70-130
PFDA	2.50	2.68	107	ng/mL	70-130
PFDoA	2.50	2.65	106	ng/mL	70-130
PFDoS	2.42	2.72	112	ng/mL	70-130
PFDS	2.41	2.56	106	ng/mL	70-130
PFEESA	4.46	4.86	109	ng/mL	70-130
PFHpA	2.50	2.54	102	ng/mL	70-130
PFHpS	2.38	2.66	112	ng/mL	70-130
PFHxA	2.50	2.49	100	ng/mL	70-130
PFHxS	1.85	1.86	101	ng/mL	70-130
PFHxS Branched	0.430	0.446	104	ng/mL	70-130
PFMBA	5.00	5.94	119	ng/mL	70-130
PFMPA	5.00	5.39	108	ng/mL	70-130
PFNA	1.63	1.70	104	ng/mL	70-130
PFNA Branched	0.868	0.869	100	ng/mL	70-130
PFNS	2.40	2.70	112	ng/mL	70-130
PFOA	1.66	1.62	98	ng/mL	70-130
PFOA Branched	0.842	0.817	97	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-17
SDG: SS5847
File ID: 2LC04261
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.34	101	ng/mL	70-130
PFOSA	2.50	2.80	112	ng/mL	70-130
PFPeA	5.00	5.02	100	ng/mL	70-130
PFPeS	2.35	2.42	103	ng/mL	70-130
PFTeDA	2.50	2.43	97	ng/mL	70-130
PFTrDA	2.50	2.68	107	ng/mL	70-130
PFUnA	2.50	2.54	102	ng/mL	70-130
M-4:2 FTS-13C2	3.75	4.03	107	ng/mL	70-130
M-6:2 FTS-13C2	3.80	4.14	109	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.69	96	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	7.72	96	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.14	104	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.97	99	ng/mL	70-130
M-NEtFOSE-D9	20.0	20.5	102	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.14	78	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.95	97	ng/mL	70-130
M-NMeFOSE-D7	20.0	19.9	100	ng/mL	70-130
M-PFBA-13C4	8.00	7.92	99	ng/mL	70-130
M-PFBS-13C3	1.86	1.88	101	ng/mL	70-130
M-PFDA-13C6	1.00	1.01	101	ng/mL	70-130
M-PFDoA-13C2	1.00	1.04	104	ng/mL	70-130
M-PFHpA-13C4	2.00	1.87	94	ng/mL	70-130
M-PFHxA-13C5	2.00	1.98	99	ng/mL	70-130
M-PFHxS-13C3	1.90	1.85	98	ng/mL	70-130
M-PFNA-13C9	1.00	1.02	102	ng/mL	70-130
M-PFOA-13C8	2.00	2.00	100	ng/mL	70-130
M-PFOS-13C8	1.92	1.87	98	ng/mL	70-130
M-PFOSA-13C8	2.00	1.92	96	ng/mL	70-130
M-PFPeA-13C5	4.00	3.94	98	ng/mL	70-130
M-PFTeDA-13C2	1.00	1.17	117	ng/mL	70-130
M-PFUnA-13C7	1.00	1.06	106	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-19
SDG: SS5847
File ID: 2LC04276
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	9.92	105	ng/mL	70-130
3:3FTCA	12.5	24.9	* 199	ng/mL	70-130
4:2 FTS	9.37	10.2	109	ng/mL	70-130
5:3FTCA	62.5	65.1	104	ng/mL	70-130
6:2 FTS	9.51	10.1	106	ng/mL	70-130
7:3FTCA	62.5	67.0	107	ng/mL	70-130
8:2 FTS	9.60	9.89	103	ng/mL	70-130
9Cl-PF3ONS	9.33	10.3	110	ng/mL	70-130
ADONA	9.45	8.04	85	ng/mL	70-130
GenX (HFPO-DA)	10.0	8.02	80	ng/mL	70-130
NEtFOSA	2.50	2.50	100	ng/mL	70-130
NEtFOSAA	2.50	2.87	115	ng/mL	70-130
NEtFOSE	25.0	26.1	104	ng/mL	70-130
NFDHA	5.00	5.04	101	ng/mL	70-130
NMeFOSA	2.50	2.51	100	ng/mL	70-130
NMeFOSAA	2.50	2.47	99	ng/mL	70-130
NMeFOSE	25.0	26.9	107	ng/mL	70-130
PFBA	10.0	9.95	100	ng/mL	70-130
PFBS	2.22	2.32	105	ng/mL	70-130
PFDA	2.50	2.51	100	ng/mL	70-130
PFDoA	2.50	2.54	101	ng/mL	70-130
PFDoS	2.42	2.76	114	ng/mL	70-130
PFDS	2.41	2.56	106	ng/mL	70-130
PFEESA	4.46	4.98	112	ng/mL	70-130
PFHpA	2.50	2.53	101	ng/mL	70-130
PFHpS	2.38	2.75	115	ng/mL	70-130
PFHxA	2.50	2.62	105	ng/mL	70-130
PFHxS	1.85	1.90	103	ng/mL	70-130
PFHxS Branched	0.430	0.436	101	ng/mL	70-130
PFMBA	5.00	6.55	* 131	ng/mL	70-130
PFMPA	5.00	6.35	127	ng/mL	70-130
PFNA	1.63	1.79	110	ng/mL	70-130
PFNA Branched	0.868	0.919	106	ng/mL	70-130
PFNS	2.40	2.80	117	ng/mL	70-130
PFOA	1.66	1.61	97	ng/mL	70-130
PFOA Branched	0.842	0.840	100	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377753-19
SDG: SS5847
File ID: 2LC04276
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 09-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 09-OCT-25 10:59
09-OCT-25 12:28

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.26	98	ng/mL	70-130
PFOSA	2.50	3.16	126	ng/mL	70-130
PFPeA	5.00	5.76	115	ng/mL	70-130
PFPeS	2.35	2.68	114	ng/mL	70-130
PFTeDA	2.50	2.08	83	ng/mL	70-130
PFTrDA	2.50	2.76	110	ng/mL	70-130
PFUnA	2.50	2.59	104	ng/mL	70-130
M-4:2 FTS-13C2	3.75	4.34	116	ng/mL	70-130
M-6:2 FTS-13C2	3.80	4.59	121	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.94	103	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	9.00	112	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.25	106	ng/mL	70-130
M-NEtFOSA-D5	2.00	2.15	108	ng/mL	70-130
M-NEtFOSE-D9	20.0	22.1	110	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.04	76	ng/mL	70-130
M-NMeFOSA-D3	2.00	2.07	103	ng/mL	70-130
M-NMeFOSE-D7	20.0	21.3	106	ng/mL	70-130
M-PFBA-13C4	8.00	8.45	106	ng/mL	70-130
M-PFBS-13C3	1.86	1.88	101	ng/mL	70-130
M-PFDA-13C6	1.00	1.06	106	ng/mL	70-130
M-PFDoA-13C2	1.00	1.07	107	ng/mL	70-130
M-PFHpA-13C4	2.00	1.90	95	ng/mL	70-130
M-PFHxA-13C5	2.00	2.01	100	ng/mL	70-130
M-PFHxS-13C3	1.90	1.86	98	ng/mL	70-130
M-PFNA-13C9	1.00	0.967	97	ng/mL	70-130
M-PFOA-13C8	2.00	1.98	99	ng/mL	70-130
M-PFOS-13C8	1.92	1.96	102	ng/mL	70-130
M-PFOSA-13C8	2.00	1.91	95	ng/mL	70-130
M-PFPeA-13C5	4.00	3.63	91	ng/mL	70-130
M-PFTeDA-13C2	1.00	1.37	* 137	ng/mL	70-130
M-PFUnA-13C7	1.00	1.11	111	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-21
SDG: SS5847
File ID: 2LC04366
Report Date: 13-OCT-25
Sample Type: LLCCV

Instrument ID: LCMS-2
Analysis Date: 10-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	0.754	0.727	96	ng/mL	70-130
3:3FTCA	1.00	0.924	92	ng/mL	70-130
4:2 FTS	0.750	0.718	96	ng/mL	70-130
5:3FTCA	5.00	4.87	97	ng/mL	70-130
6:2 FTS	0.761	0.748	98	ng/mL	70-130
7:3FTCA	5.00	4.95	99	ng/mL	70-130
8:2 FTS	0.768	0.753	98	ng/mL	70-130
9Cl-PF3ONS	0.746	0.704	94	ng/mL	70-130
ADONA	0.756	0.751	99	ng/mL	70-130
GenX (HFPO-DA)	0.800	0.820	102	ng/mL	70-130
NEtFOSA	0.200	0.185	92	ng/mL	70-130
NEtFOSAA	0.200	0.194	97	ng/mL	70-130
NEtFOSE	2.00	1.96	98	ng/mL	70-130
NFDHA	0.400	0.460	115	ng/mL	70-130
NMeFOSA	0.200	0.180	90	ng/mL	70-130
NMeFOSAA	0.200	0.192	96	ng/mL	70-130
NMeFOSE	2.00	1.92	96	ng/mL	70-130
PFBA	0.800	0.776	97	ng/mL	70-130
PFBS	0.178	0.180	102	ng/mL	70-130
PFDA	0.200	0.191	96	ng/mL	70-130
PFDoA	0.200	0.196	98	ng/mL	70-130
PFDoS	0.194	0.179	92	ng/mL	70-130
PFDS	0.193	0.182	94	ng/mL	70-130
PFEESA	0.357	0.354	99	ng/mL	70-130
PFHpA	0.200	0.190	95	ng/mL	70-130
PFHpS	0.190	0.189	99	ng/mL	70-130
PFHxA	0.200	0.242	121	ng/mL	70-130
PFHxS	0.148	0.151	102	ng/mL	70-130
PFHxS Branched	0.0344	0.0336	98	ng/mL	70-130
PFMBA	0.400	0.415	104	ng/mL	70-130
PFMPA	0.400	0.368	92	ng/mL	70-130
PFNA	0.130	0.125	96	ng/mL	70-130
PFNA Branched	0.0694	0.0670	96	ng/mL	70-130
PFNS	0.192	0.172	89	ng/mL	70-130
PFOA	0.133	0.134	101	ng/mL	70-130
PFOA Branched	0.0674	0.0654	97	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-21
SDG: SS5847
File ID: 2LC04366
Report Date: 13-OCT-25
Sample Type: LLCCV

Instrument ID: LCMS-2
Analysis Date: 10-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	0.186	0.175	94	ng/mL	70-130
PFOSA	0.200	0.214	107	ng/mL	70-130
PFPeA	0.400	0.389	97	ng/mL	70-130
PFPeS	0.188	0.186	99	ng/mL	70-130
PFTeDA	0.200	0.211	106	ng/mL	70-130
PFTrDA	0.200	0.210	105	ng/mL	70-130
PFUnA	0.200	0.197	99	ng/mL	70-130
M-4:2 FTS-13C2	3.75	4.32	115	ng/mL	70-130
M-6:2 FTS-13C2	3.80	4.24	111	ng/mL	70-130
M-8:2 FTS-13C2	3.84	4.02	105	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	7.63	95	ng/mL	70-130
M-NEtFOSAA-D5	4.00	4.17	104	ng/mL	70-130
M-NEtFOSA-D5	2.00	2.05	103	ng/mL	70-130
M-NEtFOSE-D9	20.0	21.3	106	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.83	96	ng/mL	70-130
M-NMeFOSA-D3	2.00	2.11	105	ng/mL	70-130
M-NMeFOSE-D7	20.0	21.1	106	ng/mL	70-130
M-PFBA-13C4	8.00	7.65	96	ng/mL	70-130
M-PFBS-13C3	1.86	1.92	103	ng/mL	70-130
M-PFDA-13C6	1.00	1.00	100	ng/mL	70-130
M-PFDoA-13C2	1.00	0.932	93	ng/mL	70-130
M-PFHpA-13C4	2.00	1.97	98	ng/mL	70-130
M-PFHxA-13C5	2.00	2.05	102	ng/mL	70-130
M-PFHxS-13C3	1.90	1.91	101	ng/mL	70-130
M-PFNA-13C9	1.00	1.02	102	ng/mL	70-130
M-PFOA-13C8	2.00	1.96	98	ng/mL	70-130
M-PFOS-13C8	1.92	2.02	105	ng/mL	70-130
M-PFOSA-13C8	2.00	1.92	96	ng/mL	70-130
M-PFPeA-13C5	4.00	3.94	98	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.889	89	ng/mL	70-130
M-PFUnA-13C7	1.00	1.06	106	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-23
SDG: SS5847
File ID: 2LC04368
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 10-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	9.89	105	ng/mL	70-130
3:3FTCA	12.5	12.7	102	ng/mL	70-130
4:2 FTS	9.37	9.75	104	ng/mL	70-130
5:3FTCA	62.5	67.4	108	ng/mL	70-130
6:2 FTS	9.51	10.0	105	ng/mL	70-130
7:3FTCA	62.5	67.9	109	ng/mL	70-130
8:2 FTS	9.60	10.2	107	ng/mL	70-130
9Cl-PF3ONS	9.33	10.1	109	ng/mL	70-130
ADONA	9.45	9.35	99	ng/mL	70-130
GenX (HFPO-DA)	10.0	10.6	106	ng/mL	70-130
NEtFOSA	2.50	2.44	98	ng/mL	70-130
NEtFOSAA	2.50	2.64	106	ng/mL	70-130
NEtFOSE	25.0	26.6	106	ng/mL	70-130
NFDHA	5.00	5.70	114	ng/mL	70-130
NMeFOSA	2.50	2.55	102	ng/mL	70-130
NMeFOSAA	2.50	2.66	107	ng/mL	70-130
NMeFOSE	25.0	26.2	105	ng/mL	70-130
PFBA	10.0	10.6	106	ng/mL	70-130
PFBS	2.22	2.26	102	ng/mL	70-130
PFDA	2.50	2.52	101	ng/mL	70-130
PFDoA	2.50	2.67	107	ng/mL	70-130
PFDoS	2.42	2.49	103	ng/mL	70-130
PFDS	2.41	2.49	103	ng/mL	70-130
PFEESA	4.46	4.93	111	ng/mL	70-130
PFHpA	2.50	2.50	100	ng/mL	70-130
PFHpS	2.38	2.53	106	ng/mL	70-130
PFHxA	2.50	2.58	103	ng/mL	70-130
PFHxS	1.85	1.96	106	ng/mL	70-130
PFHxS Branched	0.430	0.434	101	ng/mL	70-130
PFMBA	5.00	5.59	112	ng/mL	70-130
PFMPA	5.00	4.99	100	ng/mL	70-130
PFNA	1.63	1.66	102	ng/mL	70-130
PFNA Branched	0.868	0.871	100	ng/mL	70-130
PFNS	2.40	2.52	105	ng/mL	70-130
PFOA	1.66	1.75	105	ng/mL	70-130
PFOA Branched	0.842	0.898	107	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-23
SDG: SS5847
File ID: 2LC04368
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 10-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.31	100	ng/mL	70-130
PFOSA	2.50	2.85	114	ng/mL	70-130
PFPeA	5.00	5.07	101	ng/mL	70-130
PFPeS	2.35	2.55	108	ng/mL	70-130
PFTeDA	2.50	2.79	112	ng/mL	70-130
PFTrDA	2.50	2.82	113	ng/mL	70-130
PFUnA	2.50	2.64	106	ng/mL	70-130
M-4:2 FTS-13C2	3.75	4.24	113	ng/mL	70-130
M-6:2 FTS-13C2	3.80	4.11	108	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.80	99	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	8.09	101	ng/mL	70-130
M-NEtFOSAA-D5	4.00	3.99	100	ng/mL	70-130
M-NEtFOSA-D5	2.00	2.08	104	ng/mL	70-130
M-NEtFOSE-D9	20.0	21.2	106	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.81	95	ng/mL	70-130
M-NMeFOSA-D3	2.00	2.04	102	ng/mL	70-130
M-NMeFOSE-D7	20.0	21.3	106	ng/mL	70-130
M-PFBA-13C4	8.00	7.71	96	ng/mL	70-130
M-PFBS-13C3	1.86	2.01	108	ng/mL	70-130
M-PFDA-13C6	1.00	0.987	99	ng/mL	70-130
M-PFDoA-13C2	1.00	0.909	91	ng/mL	70-130
M-PFHpA-13C4	2.00	1.93	97	ng/mL	70-130
M-PFHxA-13C5	2.00	1.98	99	ng/mL	70-130
M-PFHxS-13C3	1.90	1.89	100	ng/mL	70-130
M-PFNA-13C9	1.00	1.01	101	ng/mL	70-130
M-PFOA-13C8	2.00	1.93	96	ng/mL	70-130
M-PFOS-13C8	1.92	1.96	102	ng/mL	70-130
M-PFOSA-13C8	2.00	1.92	96	ng/mL	70-130
M-PFPeA-13C5	4.00	3.92	98	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.861	86	ng/mL	70-130
M-PFUnA-13C7	1.00	1.02	102	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-25
SDG: SS5847
File ID: 2LC04384
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 11-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	9.95	106	ng/mL	70-130
3:3FTCA	12.5	13.2	105	ng/mL	70-130
4:2 FTS	9.37	10.3	110	ng/mL	70-130
5:3FTCA	62.5	64.6	103	ng/mL	70-130
6:2 FTS	9.51	10.3	108	ng/mL	70-130
7:3FTCA	62.5	63.2	101	ng/mL	70-130
8:2 FTS	9.60	9.36	98	ng/mL	70-130
9Cl-PF3ONS	9.33	9.18	98	ng/mL	70-130
ADONA	9.45	9.50	100	ng/mL	70-130
GenX (HFPO-DA)	10.0	11.2	112	ng/mL	70-130
NEtFOSA	2.50	2.54	102	ng/mL	70-130
NEtFOSAA	2.50	2.66	106	ng/mL	70-130
NEtFOSE	25.0	27.0	108	ng/mL	70-130
NFDHA	5.00	5.66	113	ng/mL	70-130
NMeFOSA	2.50	2.67	107	ng/mL	70-130
NMeFOSAA	2.50	2.64	105	ng/mL	70-130
NMeFOSE	25.0	26.2	105	ng/mL	70-130
PFBA	10.0	10.0	100	ng/mL	70-130
PFBS	2.22	2.42	109	ng/mL	70-130
PFDA	2.50	2.47	99	ng/mL	70-130
PFDoA	2.50	2.60	104	ng/mL	70-130
PFDoS	2.42	2.41	100	ng/mL	70-130
PFDS	2.41	2.40	100	ng/mL	70-130
PFEESA	4.46	5.01	112	ng/mL	70-130
PFHpA	2.50	2.57	103	ng/mL	70-130
PFHpS	2.38	2.41	101	ng/mL	70-130
PFHxA	2.50	2.63	105	ng/mL	70-130
PFHxS	1.85	1.92	104	ng/mL	70-130
PFHxS Branched	0.430	0.431	100	ng/mL	70-130
PFMBA	5.00	5.01	100	ng/mL	70-130
PFMPA	5.00	5.06	101	ng/mL	70-130
PFNA	1.63	1.68	103	ng/mL	70-130
PFNA Branched	0.868	0.860	99	ng/mL	70-130
PFNS	2.40	2.43	101	ng/mL	70-130
PFOA	1.66	1.72	103	ng/mL	70-130
PFOA Branched	0.842	0.886	105	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-25
SDG: SS5847
File ID: 2LC04384
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 11-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.39	103	ng/mL	70-130
PFOSA	2.50	2.74	110	ng/mL	70-130
PFPeA	5.00	5.15	103	ng/mL	70-130
PFPeS	2.35	2.56	109	ng/mL	70-130
PFTeDA	2.50	2.59	103	ng/mL	70-130
PFTrDA	2.50	2.78	111	ng/mL	70-130
PFUnA	2.50	2.54	102	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.79	101	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.92	103	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.99	104	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	8.19	102	ng/mL	70-130
M-NEtFOSAA-D5	4.00	3.81	95	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.95	98	ng/mL	70-130
M-NEtFOSE-D9	20.0	20.5	102	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.50	87	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.95	98	ng/mL	70-130
M-NMeFOSE-D7	20.0	21.0	105	ng/mL	70-130
M-PFBA-13C4	8.00	8.20	102	ng/mL	70-130
M-PFBS-13C3	1.86	1.79	96	ng/mL	70-130
M-PFDA-13C6	1.00	1.02	102	ng/mL	70-130
M-PFDoA-13C2	1.00	0.925	92	ng/mL	70-130
M-PFHpA-13C4	2.00	1.98	99	ng/mL	70-130
M-PFHxA-13C5	2.00	1.86	93	ng/mL	70-130
M-PFHxS-13C3	1.90	1.88	99	ng/mL	70-130
M-PFNA-13C9	1.00	1.01	101	ng/mL	70-130
M-PFOA-13C8	2.00	1.97	99	ng/mL	70-130
M-PFOS-13C8	1.92	1.91	100	ng/mL	70-130
M-PFOSA-13C8	2.00	1.93	96	ng/mL	70-130
M-PFPeA-13C5	4.00	4.14	103	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.892	89	ng/mL	70-130
M-PFUnA-13C7	1.00	1.00	100	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-27
SDG: SS5847
File ID: 2LC04396
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 11-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
11Cl-PF3OUdS	9.43	9.05	96	ng/mL	70-130
3:3FTCA	12.5	13.0	104	ng/mL	70-130
4:2 FTS	9.37	9.97	106	ng/mL	70-130
5:3FTCA	62.5	64.6	103	ng/mL	70-130
6:2 FTS	9.51	10.5	110	ng/mL	70-130
7:3FTCA	62.5	63.1	101	ng/mL	70-130
8:2 FTS	9.60	10.1	105	ng/mL	70-130
9Cl-PF3ONS	9.33	8.33	89	ng/mL	70-130
ADONA	9.45	9.64	102	ng/mL	70-130
GenX (HFPO-DA)	10.0	12.2	122	ng/mL	70-130
NEtFOSA	2.50	2.65	106	ng/mL	70-130
NEtFOSAA	2.50	2.61	104	ng/mL	70-130
NEtFOSE	25.0	26.2	105	ng/mL	70-130
NFDHA	5.00	6.65	* 133	ng/mL	70-130
NMeFOSA	2.50	2.58	103	ng/mL	70-130
NMeFOSAA	2.50	2.55	102	ng/mL	70-130
NMeFOSE	25.0	26.1	104	ng/mL	70-130
PFBA	10.0	9.55	95	ng/mL	70-130
PFBS	2.22	2.18	98	ng/mL	70-130
PFDA	2.50	2.51	100	ng/mL	70-130
PFDoA	2.50	2.57	103	ng/mL	70-130
PFDoS	2.42	2.22	92	ng/mL	70-130
PFDS	2.41	2.08	86	ng/mL	70-130
PFEESA	4.46	5.30	119	ng/mL	70-130
PFHpA	2.50	2.68	107	ng/mL	70-130
PFHpS	2.38	2.18	92	ng/mL	70-130
PFHxA	2.50	2.76	110	ng/mL	70-130
PFHxS	1.85	1.93	104	ng/mL	70-130
PFHxS Branched	0.430	0.428	99	ng/mL	70-130
PFMBA	5.00	4.71	94	ng/mL	70-130
PFMPA	5.00	5.13	102	ng/mL	70-130
PFNA	1.63	1.67	103	ng/mL	70-130
PFNA Branched	0.868	0.861	99	ng/mL	70-130
PFNS	2.40	2.14	89	ng/mL	70-130
PFOA	1.66	1.74	105	ng/mL	70-130
PFOA Branched	0.842	0.886	105	ng/mL	70-130

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Form 7
Calibration Verification Summary

Lab ID: WG377859-27
SDG: SS5847
File ID: 2LC04396
Report Date: 13-OCT-25
Sample Type: CCV

Instrument ID: LCMS-2
Analysis Date: 11-OCT-25
Analysis Method: 1633
Initial Calibration Date(s): 10-OCT-25 12:11
10-OCT-25 13:39

Compound	True Conc	Conc Recovered	Recovery (%)	Units	Limits
PFOS	2.32	2.18	94	ng/mL	70-130
PFOSA	2.50	2.75	110	ng/mL	70-130
PFPeA	5.00	5.19	104	ng/mL	70-130
PFPeS	2.35	2.60	110	ng/mL	70-130
PFTeDA	2.50	2.43	97	ng/mL	70-130
PFTrDA	2.50	2.81	112	ng/mL	70-130
PFUnA	2.50	2.64	106	ng/mL	70-130
M-4:2 FTS-13C2	3.75	3.97	106	ng/mL	70-130
M-6:2 FTS-13C2	3.80	3.83	101	ng/mL	70-130
M-8:2 FTS-13C2	3.84	3.68	96	ng/mL	70-130
M-GenX-13C3 (HFPO-DA)	8.00	8.20	102	ng/mL	70-130
M-NEtFOSAA-D5	4.00	3.73	93	ng/mL	70-130
M-NEtFOSA-D5	2.00	1.80	90	ng/mL	70-130
M-NEtFOSE-D9	20.0	20.4	102	ng/mL	70-130
M-NMeFOSAA-D3	4.00	3.37	84	ng/mL	70-130
M-NMeFOSA-D3	2.00	1.89	94	ng/mL	70-130
M-NMeFOSE-D7	20.0	20.6	103	ng/mL	70-130
M-PFBA-13C4	8.00	8.55	107	ng/mL	70-130
M-PFBS-13C3	1.86	1.86	100	ng/mL	70-130
M-PFDA-13C6	1.00	1.00	100	ng/mL	70-130
M-PFDoA-13C2	1.00	0.935	94	ng/mL	70-130
M-PFHpA-13C4	2.00	1.95	98	ng/mL	70-130
M-PFHxA-13C5	2.00	1.69	84	ng/mL	70-130
M-PFHxS-13C3	1.90	1.86	98	ng/mL	70-130
M-PFNA-13C9	1.00	1.03	103	ng/mL	70-130
M-PFOA-13C8	2.00	1.97	98	ng/mL	70-130
M-PFOS-13C8	1.92	2.00	105	ng/mL	70-130
M-PFOSA-13C8	2.00	1.87	94	ng/mL	70-130
M-PFPeA-13C5	4.00	4.25	106	ng/mL	70-130
M-PFTeDA-13C2	1.00	0.948	95	ng/mL	70-130
M-PFUnA-13C7	1.00	0.988	99	ng/mL	70-130

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Report of Analytical Results

SDG:
Lab ID: WG377461-10
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07818

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 03-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377461-10
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07818

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 03-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		112	%				
M-6:2 FTS-13C2		106	%				
M-8:2 FTS-13C2		110	%				
M-GenX-13C3 (HFPO-DA)		124	%				
M-NEtFOSAA-D5		118	%				
M-NEtFOSA-D5		101	%				
M-NEtFOSE-D9		111	%				
M-NMeFOSAA-D3		104	%				
M-NMeFOSA-D3		110	%				
M-NMeFOSE-D7		112	%				
M-PFBA-13C4		100	%				
M-PFBS-13C3		117	%				
M-PFDA-13C6		110	%				
M-PFDoA-13C2		97	%				
M-PFHpA-13C4		100	%				
M-PFHxA-13C5		102	%				
M-PFHxS-13C3		110	%				
M-PFNA-13C9		110	%				
M-PFOA-13C8		108	%				
M-PFOS-13C8		114	%				
M-PFOSA-13C8		103	%				
M-PFPeA-13C5		104	%				
M-PFTeDA-13C2		96	%				
M-PFUnA-13C7		118	%				

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Report of Analytical Results

SDG:
Lab ID: WG377461-11
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07828

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 03-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377461-11
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07828

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 03-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		111	%				
M-6:2 FTS-13C2		109	%				
M-8:2 FTS-13C2		110	%				
M-GenX-13C3 (HFPO-DA)		119	%				
M-NEtFOSAA-D5		97	%				
M-NEtFOSA-D5		100	%				
M-NEtFOSE-D9		104	%				
M-NMeFOSAA-D3		109	%				
M-NMeFOSA-D3		98	%				
M-NMeFOSE-D7		104	%				
M-PFBA-13C4		100	%				
M-PFBS-13C3		117	%				
M-PFDA-13C6		108	%				
M-PFDoA-13C2		117	%				
M-PFHpA-13C4		112	%				
M-PFHxA-13C5		111	%				
M-PFHxS-13C3		107	%				
M-PFNA-13C9		109	%				
M-PFOA-13C8		108	%				
M-PFOS-13C8		111	%				
M-PFOSA-13C8		99	%				
M-PFPeA-13C5		113	%				
M-PFTeDA-13C2		105	%				
M-PFUnA-13C7		124	%				

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Report of Analytical Results

SDG:
Lab ID: WG377657-1
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07907

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377657-1
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07907

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		104	%				
M-6:2 FTS-13C2		104	%				
M-8:2 FTS-13C2		100	%				
M-GenX-13C3 (HFPO-DA)		110	%				
M-NEtFOSAA-D5		118	%				
M-NEtFOSA-D5		98	%				
M-NEtFOSE-D9		95	%				
M-NMeFOSAA-D3		108	%				
M-NMeFOSA-D3		104	%				
M-NMeFOSE-D7		108	%				
M-PFBA-13C4		104	%				
M-PFBS-13C3		113	%				
M-PFDA-13C6		108	%				
M-PFDoA-13C2		117	%				
M-PFHpA-13C4		101	%				
M-PFHxA-13C5		103	%				
M-PFHxS-13C3		109	%				
M-PFNA-13C9		110	%				
M-PFOA-13C8		106	%				
M-PFOS-13C8		113	%				
M-PFOSA-13C8		96	%				
M-PFPeA-13C5		105	%				
M-PFTeDA-13C2		98	%				
M-PFUnA-13C7		130	%				

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Report of Analytical Results

SDG:
Lab ID: WG377657-5
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07912

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377657-5
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07912

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		108	%				
M-6:2 FTS-13C2		110	%				
M-8:2 FTS-13C2		110	%				
M-GenX-13C3 (HFPO-DA)		98	%				
M-NEtFOSAA-D5		106	%				
M-NEtFOSA-D5		92	%				
M-NEtFOSE-D9		85	%				
M-NMeFOSAA-D3		113	%				
M-NMeFOSA-D3		98	%				
M-NMeFOSE-D7		96	%				
M-PFBA-13C4		106	%				
M-PFBS-13C3		117	%				
M-PFDA-13C6		111	%				
M-PFDoA-13C2		126	%				
M-PFHpA-13C4		104	%				
M-PFHxA-13C5		102	%				
M-PFHxS-13C3		111	%				
M-PFNA-13C9		110	%				
M-PFOA-13C8		108	%				
M-PFOS-13C8		110	%				
M-PFOSA-13C8		94	%				
M-PFPeA-13C5		107	%				
M-PFTeDA-13C2		103	%				
M-PFUnA-13C7		129	%				

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Report of Analytical Results

SDG:
Lab ID: WG377657-7
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07931

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377657-7
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 1LC07931

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		121	%				
M-6:2 FTS-13C2		116	%				
M-8:2 FTS-13C2		118	%				
M-GenX-13C3 (HFPO-DA)		85	%				
M-NEtFOSAA-D5		109	%				
M-NEtFOSA-D5		87	%				
M-NEtFOSE-D9		88	%				
M-NMeFOSAA-D3		114	%				
M-NMeFOSA-D3		98	%				
M-NMeFOSE-D7		101	%				
M-PFBA-13C4		106	%				
M-PFBS-13C3		114	%				
M-PFDA-13C6		109	%				
M-PFDoA-13C2		122	%				
M-PFHpA-13C4		105	%				
M-PFHxA-13C5		101	%				
M-PFHxS-13C3		111	%				
M-PFNA-13C9		108	%				
M-PFOA-13C8		106	%				
M-PFOS-13C8		108	%				
M-PFOSA-13C8		99	%				
M-PFPeA-13C5		105	%				
M-PFTeDA-13C2		116	%				
M-PFUnA-13C7		128	%				

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Report of Analytical Results

SDG:
Lab ID: WG377753-10
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04229

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377753-10
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04229

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		113	%				
M-6:2 FTS-13C2		111	%				
M-8:2 FTS-13C2		110	%				
M-GenX-13C3 (HFPO-DA)		121	%				
M-NEtFOSAA-D5		109	%				
M-NEtFOSA-D5		103	%				
M-NEtFOSE-D9		106	%				
M-NMeFOSAA-D3		118	%				
M-NMeFOSA-D3		106	%				
M-NMeFOSE-D7		112	%				
M-PFBA-13C4		100	%				
M-PFBS-13C3		116	%				
M-PFDA-13C6		107	%				
M-PFDoA-13C2		103	%				
M-PFHpA-13C4		110	%				
M-PFHxA-13C5		111	%				
M-PFHxS-13C3		108	%				
M-PFNA-13C9		105	%				
M-PFOA-13C8		108	%				
M-PFOS-13C8		110	%				
M-PFOSA-13C8		108	%				
M-PFPeA-13C5		112	%				
M-PFTeDA-13C2		104	%				
M-PFUnA-13C7		112	%				

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Report of Analytical Results

SDG:
Lab ID: WG377753-11
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04238

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377753-11
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04238

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2	*	154	%				
M-6:2 FTS-13C2		116	%				
M-8:2 FTS-13C2		124	%				
M-GenX-13C3 (HFPO-DA)		105	%				
M-NEtFOSAA-D5		119	%				
M-NEtFOSA-D5		108	%				
M-NEtFOSE-D9		112	%				
M-NMeFOSAA-D3		109	%				
M-NMeFOSA-D3		109	%				
M-NMeFOSE-D7		113	%				
M-PFBA-13C4		98	%				
M-PFBS-13C3		106	%				
M-PFDA-13C6		110	%				
M-PFDoA-13C2		111	%				
M-PFHpA-13C4		104	%				
M-PFHxA-13C5		102	%				
M-PFHxS-13C3		107	%				
M-PFNA-13C9		107	%				
M-PFOA-13C8		108	%				
M-PFOS-13C8		108	%				
M-PFOSA-13C8		120	%				
M-PFPeA-13C5		112	%				
M-PFTeDA-13C2		115	%				
M-PFUnA-13C7		117	%				

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Report of Analytical Results

SDG:
Lab ID: WG377753-12
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04240

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377753-12
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04240

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2	*	145	%				
M-6:2 FTS-13C2		119	%				
M-8:2 FTS-13C2		123	%				
M-GenX-13C3 (HFPO-DA)		109	%				
M-NEtFOSAA-D5		113	%				
M-NEtFOSA-D5		103	%				
M-NEtFOSE-D9		104	%				
M-NMeFOSAA-D3		101	%				
M-NMeFOSA-D3		104	%				
M-NMeFOSE-D7		109	%				
M-PFBA-13C4		98	%				
M-PFBS-13C3		111	%				
M-PFDA-13C6		108	%				
M-PFDoA-13C2		112	%				
M-PFHpA-13C4		103	%				
M-PFHxA-13C5		103	%				
M-PFHxS-13C3		107	%				
M-PFNA-13C9		107	%				
M-PFOA-13C8		109	%				
M-PFOS-13C8		102	%				
M-PFOSA-13C8		112	%				
M-PFPeA-13C5		112	%				
M-PFTeDA-13C2		116	%				
M-PFUnA-13C7		118	%				

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Report of Analytical Results

SDG:
Lab ID: WG377753-16
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04245

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377753-16
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04245

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		114	%				
M-6:2 FTS-13C2		117	%				
M-8:2 FTS-13C2		107	%				
M-GenX-13C3 (HFPO-DA)		106	%				
M-NEtFOSAA-D5		107	%				
M-NEtFOSA-D5		108	%				
M-NEtFOSE-D9		109	%				
M-NMeFOSAA-D3		97	%				
M-NMeFOSA-D3		109	%				
M-NMeFOSE-D7		104	%				
M-PFBA-13C4		99	%				
M-PFBS-13C3		115	%				
M-PFDA-13C6		108	%				
M-PFDoA-13C2		109	%				
M-PFHpA-13C4		104	%				
M-PFHxA-13C5		110	%				
M-PFHxS-13C3		111	%				
M-PFNA-13C9		108	%				
M-PFOA-13C8		109	%				
M-PFOS-13C8		110	%				
M-PFOSA-13C8		108	%				
M-PFPeA-13C5		109	%				
M-PFTeDA-13C2		109	%				
M-PFUnA-13C7		107	%				

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Report of Analytical Results

SDG:
Lab ID: WG377753-18
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04262

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377753-18
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04262

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		113	%				
M-6:2 FTS-13C2		122	%				
M-8:2 FTS-13C2		106	%				
M-GenX-13C3 (HFPO-DA)		107	%				
M-NEtFOSAA-D5		114	%				
M-NEtFOSA-D5		116	%				
M-NEtFOSE-D9		117	%				
M-NMeFOSAA-D3		85	%				
M-NMeFOSA-D3		114	%				
M-NMeFOSE-D7		111	%				
M-PFBA-13C4		99	%				
M-PFBS-13C3		111	%				
M-PFDA-13C6		114	%				
M-PFDoA-13C2		112	%				
M-PFHpA-13C4		102	%				
M-PFHxA-13C5		110	%				
M-PFHxS-13C3		108	%				
M-PFNA-13C9		108	%				
M-PFOA-13C8		109	%				
M-PFOS-13C8		114	%				
M-PFOSA-13C8		109	%				
M-PFPeA-13C5		108	%				
M-PFTeDA-13C2		129	%				
M-PFUnA-13C7		113	%				

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Report of Analytical Results

SDG:
Lab ID: WG377753-20
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04277

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377753-20
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04277

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		122	%				
M-6:2 FTS-13C2		126	%				
M-8:2 FTS-13C2		105	%				
M-GenX-13C3 (HFPO-DA)		105	%				
M-NEtFOSAA-D5		114	%				
M-NEtFOSA-D5		117	%				
M-NEtFOSE-D9		124	%				
M-NMeFOSAA-D3		81	%				
M-NMeFOSA-D3		109	%				
M-NMeFOSE-D7		116	%				
M-PFBA-13C4		106	%				
M-PFBS-13C3		110	%				
M-PFDA-13C6		112	%				
M-PFDoA-13C2		115	%				
M-PFHpA-13C4		102	%				
M-PFHxA-13C5		108	%				
M-PFHxS-13C3		105	%				
M-PFNA-13C9		100	%				
M-PFOA-13C8		108	%				
M-PFOS-13C8		116	%				
M-PFOSA-13C8		103	%				
M-PFPeA-13C5		99	%				
M-PFTeDA-13C2	*	147	%				
M-PFUnA-13C7		117	%				

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Report of Analytical Results

SDG:
Lab ID: WG377859-10
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04319

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377859-10
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04319

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		102	%				
M-6:2 FTS-13C2		109	%				
M-8:2 FTS-13C2		118	%				
M-GenX-13C3 (HFPO-DA)		124	%				
M-NEtFOSAA-D5		113	%				
M-NEtFOSA-D5		101	%				
M-NEtFOSE-D9		101	%				
M-NMeFOSAA-D3		120	%				
M-NMeFOSA-D3		103	%				
M-NMeFOSE-D7		111	%				
M-PFBA-13C4		101	%				
M-PFBS-13C3		106	%				
M-PFDA-13C6		113	%				
M-PFDoA-13C2		105	%				
M-PFHpA-13C4		104	%				
M-PFHxA-13C5		111	%				
M-PFHxS-13C3		106	%				
M-PFNA-13C9		111	%				
M-PFOA-13C8		109	%				
M-PFOS-13C8		108	%				
M-PFOSA-13C8		105	%				
M-PFPeA-13C5		108	%				
M-PFTeDA-13C2		103	%				
M-PFUnA-13C7		113	%				

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Report of Analytical Results

SDG:
Lab ID: WG377859-11
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04328

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377859-11
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04328

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		110	%				
M-6:2 FTS-13C2		110	%				
M-8:2 FTS-13C2		110	%				
M-GenX-13C3 (HFPO-DA)		105	%				
M-NEtFOSAA-D5		111	%				
M-NEtFOSA-D5		109	%				
M-NEtFOSE-D9		108	%				
M-NMeFOSAA-D3		113	%				
M-NMeFOSA-D3		108	%				
M-NMeFOSE-D7		113	%				
M-PFBA-13C4		97	%				
M-PFBS-13C3		112	%				
M-PFDA-13C6		110	%				
M-PFDoA-13C2		103	%				
M-PFHpA-13C4		106	%				
M-PFHxA-13C5		112	%				
M-PFHxS-13C3		108	%				
M-PFNA-13C9		107	%				
M-PFOA-13C8		106	%				
M-PFOS-13C8		114	%				
M-PFOSA-13C8		107	%				
M-PFPeA-13C5		107	%				
M-PFTeDA-13C2		100	%				
M-PFUnA-13C7		112	%				

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Report of Analytical Results

SDG:
Lab ID: WG377859-20
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04365

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377859-20
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04365

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		111	%				
M-6:2 FTS-13C2		114	%				
M-8:2 FTS-13C2		107	%				
M-GenX-13C3 (HFPO-DA)		97	%				
M-NEtFOSAA-D5		114	%				
M-NEtFOSA-D5		111	%				
M-NEtFOSE-D9		114	%				
M-NMeFOSAA-D3		108	%				
M-NMeFOSA-D3		113	%				
M-NMeFOSE-D7		121	%				
M-PFBA-13C4		95	%				
M-PFBS-13C3		114	%				
M-PFDA-13C6		109	%				
M-PFDoA-13C2		109	%				
M-PFHpA-13C4		104	%				
M-PFHxA-13C5		108	%				
M-PFHxS-13C3		108	%				
M-PFNA-13C9		108	%				
M-PFOA-13C8		105	%				
M-PFOS-13C8		112	%				
M-PFOSA-13C8		105	%				
M-PFPeA-13C5		104	%				
M-PFTeDA-13C2		96	%				
M-PFUnA-13C7		119	%				

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Report of Analytical Results

SDG:
Lab ID: WG377859-24
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04370

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377859-24
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04370

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 10-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		115	%				
M-6:2 FTS-13C2		113	%				
M-8:2 FTS-13C2		108	%				
M-GenX-13C3 (HFPO-DA)		100	%				
M-NEtFOSAA-D5		105	%				
M-NEtFOSA-D5		108	%				
M-NEtFOSE-D9		111	%				
M-NMeFOSAA-D3		102	%				
M-NMeFOSA-D3		109	%				
M-NMeFOSE-D7		117	%				
M-PFBA-13C4		98	%				
M-PFBS-13C3		117	%				
M-PFDA-13C6		109	%				
M-PFDoA-13C2		101	%				
M-PFHpA-13C4		106	%				
M-PFHxA-13C5		107	%				
M-PFHxS-13C3		107	%				
M-PFNA-13C9		108	%				
M-PFOA-13C8		105	%				
M-PFOS-13C8		107	%				
M-PFOSA-13C8		106	%				
M-PFPeA-13C5		108	%				
M-PFTeDA-13C2		92	%				
M-PFUnA-13C7		107	%				

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Report of Analytical Results

SDG:
Lab ID: WG377859-26
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04385

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377859-26
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04385

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		115	%				
M-6:2 FTS-13C2		110	%				
M-8:2 FTS-13C2		109	%				
M-GenX-13C3 (HFPO-DA)		106	%				
M-NEtFOSAA-D5		96	%				
M-NEtFOSA-D5		97	%				
M-NEtFOSE-D9		103	%				
M-NMeFOSAA-D3		90	%				
M-NMeFOSA-D3		98	%				
M-NMeFOSE-D7		108	%				
M-PFBA-13C4		103	%				
M-PFBS-13C3		101	%				
M-PFDA-13C6		113	%				
M-PFDoA-13C2		104	%				
M-PFHpA-13C4		108	%				
M-PFHxA-13C5		104	%				
M-PFHxS-13C3		108	%				
M-PFNA-13C9		110	%				
M-PFOA-13C8		106	%				
M-PFOS-13C8		105	%				
M-PFOSA-13C8		98	%				
M-PFPeA-13C5		114	%				
M-PFTeDA-13C2		98	%				
M-PFUnA-13C7		111	%				

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Report of Analytical Results

SDG:
Lab ID: WG377859-28
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04397

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.20	ng/mL	1	.8	0.80	0.20
3:3FTCA	U	0.25	ng/mL	1	1	1.0	0.25
4:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
5:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
6:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
7:3FTCA	U	1.2	ng/mL	1	5	5.0	1.2
8:2 FTS	U	0.20	ng/mL	1	.8	0.80	0.20
9Cl-PF3ONS	U	0.20	ng/mL	1	.8	0.80	0.20
ADONA	U	0.20	ng/mL	1	.8	0.80	0.20
GenX (HFPO-DA)	U	0.20	ng/mL	1	.8	0.80	0.20
NEtFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NEtFOSE	U	0.50	ng/mL	1	2	2.0	0.50
NFDHA	U	0.10	ng/mL	1	.4	0.40	0.10
NMeFOSA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSAA	U	0.050	ng/mL	1	.2	0.20	0.050
NMeFOSE	U	0.50	ng/mL	1	2	2.0	0.50
PFBA	U	0.20	ng/mL	1	.8	0.80	0.20
PFBS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoA	U	0.050	ng/mL	1	.2	0.20	0.050
PFDoS	U	0.050	ng/mL	1	.2	0.20	0.050
PFDS	U	0.050	ng/mL	1	.2	0.20	0.050
PFEESA	U	0.10	ng/mL	1	.4	0.40	0.10
PFHpA	U	0.050	ng/mL	1	.2	0.20	0.050
PFHpS	U	0.050	ng/mL	1	.2	0.20	0.050
PFHxA	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFHxS	U	0.050	ng/mL	1	.2	0.20	0.050
PFMBA	U	0.10	ng/mL	1	.4	0.40	0.10
PFMPA	U	0.10	ng/mL	1	.4	0.40	0.10
Total PFNA	U	0.050	ng/mL	1	.2	0.20	0.050
PFNS	U	0.050	ng/mL	1	.2	0.20	0.050
Total PFOA	U	0.050	ng/mL	1	.2	0.20	0.050
PFOS	U	0.050	ng/mL	1	.2	0.20	0.050
PFOSA	U	0.050	ng/mL	1	.2	0.20	0.050

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Report of Analytical Results

SDG:
Lab ID: WG377859-28
Client ID: System Solvent Blank
Matrix: N/A
Lab File ID: 2LC04397

Sample Date: N/A
Extract Date:
Extracted By: N/A
Extraction Method: N/A
Lab Prep Batch: N/A

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.10	ng/mL	1	.4	0.40	0.10
PFPeS	U	0.050	ng/mL	1	.2	0.20	0.050
PFTeDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFTrDA	U	0.050	ng/mL	1	.2	0.20	0.050
PFUnA	U	0.050	ng/mL	1	.2	0.20	0.050
M-4:2 FTS-13C2		105	%				
M-6:2 FTS-13C2		105	%				
M-8:2 FTS-13C2		104	%				
M-GenX-13C3 (HFPO-DA)		112	%				
M-NEtFOSAA-D5		100	%				
M-NEtFOSA-D5		98	%				
M-NEtFOSE-D9		112	%				
M-NMeFOSAA-D3		90	%				
M-NMeFOSA-D3		101	%				
M-NMeFOSE-D7		114	%				
M-PFBA-13C4		108	%				
M-PFBS-13C3		96	%				
M-PFDA-13C6		108	%				
M-PFDoA-13C2		105	%				
M-PFHpA-13C4		106	%				
M-PFHxA-13C5		90	%				
M-PFHxS-13C3		104	%				
M-PFNA-13C9		109	%				
M-PFOA-13C8		107	%				
M-PFOS-13C8		108	%				
M-PFOSA-13C8		103	%				
M-PFPeA-13C5		116	%				
M-PFTeDA-13C2		102	%				
M-PFUnA-13C7		110	%				

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Raw QC Data Section

Report of Analytical Results

SDG: SS5847
Lab ID: WG377630-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC07913

Sample Date: N/A
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	1.26	ng/L	1	8	8.00	1.26
3:3FTCA	U	2.58	ng/L	1	10	10.0	2.58
4:2 FTS	U	2.14	ng/L	1	8	8.00	2.14
5:3FTCA	U	10.1	ng/L	1	50	50.0	10.1
6:2 FTS	U	2.18	ng/L	1	8	8.00	2.18
7:3FTCA	U	11.0	ng/L	1	50	50.0	11.0
8:2 FTS	U	1.15	ng/L	1	8	8.00	1.15
9Cl-PF3ONS	U	1.50	ng/L	1	8	8.00	1.50
ADONA	U	2.97	ng/L	1	8	8.00	2.97
GenX (HFPO-DA)	U	3.95	ng/L	1	8	8.00	3.95
NEtFOSA	U	0.180	ng/L	1	2	2.00	0.180
NEtFOSAA	U	0.740	ng/L	1	2	2.00	0.740
NEtFOSE	U	5.13	ng/L	1	20	20.0	5.13
NFDHA	U	1.50	ng/L	1	4	4.00	1.50
NMeFOSA	U	0.230	ng/L	1	2	2.00	0.230
NMeFOSAA	U	0.780	ng/L	1	2	2.00	0.780
NMeFOSE	U	5.94	ng/L	1	20	20.0	5.94
PFBA	U	2.51	ng/L	1	8	8.00	2.51
PFBS	U	0.730	ng/L	1	2	2.00	0.730
PFDA	U	0.720	ng/L	1	2	2.00	0.720
PFDoA	U	0.400	ng/L	1	2	2.00	0.400
PFDoS	U	0.490	ng/L	1	2	2.00	0.490
PFDS	U	0.420	ng/L	1	2	2.00	0.420
PFEESA	U	1.35	ng/L	1	4	4.00	1.35
PFHpA	U	0.530	ng/L	1	2	2.00	0.530
PFHpS	U	0.390	ng/L	1	2	2.00	0.390
PFHxA	U	0.630	ng/L	1	2	2.00	0.630
Total PFHxS	U	0.120	ng/L	1	2	2.00	0.120
PFMBA	U	1.20	ng/L	1	4	4.00	1.20
PFMPA	U	1.28	ng/L	1	4	4.00	1.28
Total PFNA	U	0.230	ng/L	1	2	2.00	0.230
PFNS	U	0.550	ng/L	1	2	2.00	0.550
Total PFOA	U	0.140	ng/L	1	2	2.00	0.140
PFOS	U	0.530	ng/L	1	2	2.00	0.530
PFOSA	U	0.710	ng/L	1	2	2.00	0.710

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Report of Analytical Results

SDG: SS5847
Lab ID: WG377630-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC07913

Sample Date: N/A
Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Report Date: 13-OCT-25
Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	1.18	ng/L	1	4	4.00	1.18
PFPeS	U	0.620	ng/L	1	2	2.00	0.620
PFTeDA	U	0.370	ng/L	1	2	2.00	0.370
PFTrDA	U	0.570	ng/L	1	2	2.00	0.570
PFUnA	U	0.450	ng/L	1	2	2.00	0.450
M-4:2 FTS-13C2		94.8	%				
M-6:2 FTS-13C2		90.5	%				
M-8:2 FTS-13C2		88.3	%				
M-GenX-13C3 (HFPO-DA)		82.1	%				
M-NEtFOSAA-D5		70.7	%				
M-NEtFOSA-D5		18.8	%				
M-NEtFOSE-D9		55.4	%				
M-NMeFOSAA-D3		111.	%				
M-NMeFOSA-D3		22.4	%				
M-NMeFOSE-D7		63.6	%				
M-PFBA-13C4		106.	%				
M-PFBS-13C3		93.4	%				
M-PFDA-13C6		88.5	%				
M-PFDoA-13C2		94.0	%				
M-PFHpA-13C4		84.3	%				
M-PFHxA-13C5		84.3	%				
M-PFHxS-13C3		87.6	%				
M-PFNA-13C9		90.8	%				
M-PFOA-13C8		88.4	%				
M-PFOS-13C8		90.9	%				
M-PFOSA-13C8		69.8	%				
M-PFPeA-13C5		88.2	%				
M-PFTeDA-13C2		65.0	%				
M-PFUnA-13C7		96.4	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: WG377689-1
Client ID: Method Blank
Matrix: SL
Lab File ID: 2LC04248

Sample Date: N/A
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.231	ng/g	1	.8	0.800	0.231
3:3FTCA	U	0.372	ng/g	1	1	1.00	0.372
4:2 FTS	U	0.288	ng/g	1	.8	0.800	0.288
5:3FTCA	U	0.880	ng/g	1	5	5.00	0.880
6:2 FTS	U	0.121	ng/g	1	.8	0.800	0.121
7:3FTCA	U	0.721	ng/g	1	5	5.00	0.721
8:2 FTS	U	0.235	ng/g	1	.8	0.800	0.235
9Cl-PF3ONS	U	0.216	ng/g	1	.8	0.800	0.216
ADONA	U	0.151	ng/g	1	.8	0.800	0.151
GenX (HFPO-DA)	U	0.182	ng/g	1	.8	0.800	0.182
NEtFOSA	U	0.0670	ng/g	1	.2	0.200	0.0670
NEtFOSAA	U	0.0600	ng/g	1	.2	0.200	0.0600
NEtFOSE	U	0.692	ng/g	1	2	2.00	0.692
NFDHA	U	0.0540	ng/g	1	.4	0.400	0.0540
NMeFOSA	U	0.0700	ng/g	1	.2	0.200	0.0700
NMeFOSAA	U	0.0680	ng/g	1	.2	0.200	0.0680
NMeFOSE	U	0.705	ng/g	1	2	2.00	0.705
PFBA	U	0.164	ng/g	1	.8	0.800	0.164
PFBS	U	0.0510	ng/g	1	.2	0.200	0.0510
PFDA	U	0.0520	ng/g	1	.2	0.200	0.0520
PFDoA	U	0.0910	ng/g	1	.2	0.200	0.0910
PFDoS	U	0.0630	ng/g	1	.2	0.200	0.0630
PFDS	U	0.0460	ng/g	1	.2	0.200	0.0460
PFEESA	U	0.0780	ng/g	1	.4	0.400	0.0780
PFHpA	U	0.0400	ng/g	1	.2	0.200	0.0400
PFHpS	U	0.0550	ng/g	1	.2	0.200	0.0550
PFHxA	U	0.0460	ng/g	1	.2	0.200	0.0460
Total PFHxS	U	0.00700	ng/g	1	.2	0.200	0.00700
PFMBA	U	0.0820	ng/g	1	.4	0.400	0.0820
PFMPA	U	0.118	ng/g	1	.4	0.400	0.118
Total PFNA	U	0.0140	ng/g	1	.2	0.200	0.0140
PFNS	U	0.0530	ng/g	1	.2	0.200	0.0530
Total PFOA	U	0.0280	ng/g	1	.2	0.200	0.0280
PFOS	U	0.0590	ng/g	1	.2	0.200	0.0590
PFOSA	U	0.0320	ng/g	1	.2	0.200	0.0320

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Report of Analytical Results

SDG: SS5847
Lab ID: WG377689-1
Client ID: Method Blank
Matrix: SL
Lab File ID: 2LC04248

Sample Date: N/A
Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Report Date: 13-OCT-25
Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.0840	ng/g	1	.4	0.400	0.0840
PFPeS	U	0.0370	ng/g	1	.2	0.200	0.0370
PFTeDA	U	0.0930	ng/g	1	.2	0.200	0.0930
PFTrDA	U	0.0540	ng/g	1	.2	0.200	0.0540
PFUnA	U	0.0380	ng/g	1	.2	0.200	0.0380
M-4:2 FTS-13C2		98.9	%				
M-6:2 FTS-13C2		93.4	%				
M-8:2 FTS-13C2		94.0	%				
M-GenX-13C3 (HFPO-DA)		93.4	%				
M-NEtFOSAA-D5		119.	%				
M-NEtFOSA-D5		75.7	%				
M-NEtFOSE-D9		65.4	%				
M-NMeFOSAA-D3		63.9	%				
M-NMeFOSA-D3		82.0	%				
M-NMeFOSE-D7		68.0	%				
M-PFBA-13C4		98.4	%				
M-PFBS-13C3		97.5	%				
M-PFDA-13C6		93.9	%				
M-PFDoA-13C2		88.4	%				
M-PFHpA-13C4		89.5	%				
M-PFHxA-13C5		92.6	%				
M-PFHxS-13C3		92.4	%				
M-PFNA-13C9		95.4	%				
M-PFOA-13C8		93.7	%				
M-PFOS-13C8		91.1	%				
M-PFOSA-13C8		93.3	%				
M-PFPeA-13C5		97.7	%				
M-PFTeDA-13C2		72.0	%				
M-PFUnA-13C7		96.6	%				

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Report of Analytical Results

SDG: SS5847
Lab ID: WG377832-1
Client ID: Method Blank
Matrix: SL
Lab File ID: 2LC04378

Sample Date: N/A
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	0.231	ng/g	1	.8	0.800	0.231
3:3FTCA	U	0.372	ng/g	1	1	1.00	0.372
4:2 FTS	U	0.288	ng/g	1	.8	0.800	0.288
5:3FTCA	U	0.880	ng/g	1	5	5.00	0.880
6:2 FTS	U	0.121	ng/g	1	.8	0.800	0.121
7:3FTCA	U	0.721	ng/g	1	5	5.00	0.721
8:2 FTS	U	0.235	ng/g	1	.8	0.800	0.235
9Cl-PF3ONS	U	0.216	ng/g	1	.8	0.800	0.216
ADONA	U	0.151	ng/g	1	.8	0.800	0.151
GenX (HFPO-DA)	U	0.182	ng/g	1	.8	0.800	0.182
NEtFOSA	U	0.0670	ng/g	1	.2	0.200	0.0670
NEtFOSAA	U	0.0600	ng/g	1	.2	0.200	0.0600
NEtFOSE	U	0.692	ng/g	1	2	2.00	0.692
NFDHA	U	0.0540	ng/g	1	.4	0.400	0.0540
NMeFOSA	U	0.0700	ng/g	1	.2	0.200	0.0700
NMeFOSAA	U	0.0680	ng/g	1	.2	0.200	0.0680
NMeFOSE	U	0.705	ng/g	1	2	2.00	0.705
PFBA	U	0.164	ng/g	1	.8	0.800	0.164
PFBS	U	0.0510	ng/g	1	.2	0.200	0.0510
PFDA	U	0.0520	ng/g	1	.2	0.200	0.0520
PFDoA	U	0.0910	ng/g	1	.2	0.200	0.0910
PFDoS	U	0.0630	ng/g	1	.2	0.200	0.0630
PFDS	U	0.0460	ng/g	1	.2	0.200	0.0460
PFEESA	U	0.0780	ng/g	1	.4	0.400	0.0780
PFHpA	U	0.0400	ng/g	1	.2	0.200	0.0400
PFHpS	U	0.0550	ng/g	1	.2	0.200	0.0550
PFHxA	U	0.0460	ng/g	1	.2	0.200	0.0460
Total PFHxS	U	0.00700	ng/g	1	.2	0.200	0.00700
PFMBA	U	0.0820	ng/g	1	.4	0.400	0.0820
PFMPA	U	0.118	ng/g	1	.4	0.400	0.118
Total PFNA	U	0.0140	ng/g	1	.2	0.200	0.0140
PFNS	U	0.0530	ng/g	1	.2	0.200	0.0530
Total PFOA	U	0.0280	ng/g	1	.2	0.200	0.0280
PFOS	U	0.0590	ng/g	1	.2	0.200	0.0590
PFOSA	U	0.0320	ng/g	1	.2	0.200	0.0320

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Report of Analytical Results

SDG: SS5847
Lab ID: WG377832-1
Client ID: Method Blank
Matrix: SL
Lab File ID: 2LC04378

Sample Date: N/A
Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Report Date: 13-OCT-25
Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	0.0840	ng/g	1	.4	0.400	0.0840
PFPeS	U	0.0370	ng/g	1	.2	0.200	0.0370
PFTeDA	U	0.0930	ng/g	1	.2	0.200	0.0930
PFTrDA	U	0.0540	ng/g	1	.2	0.200	0.0540
PFUnA	U	0.0380	ng/g	1	.2	0.200	0.0380
M-4:2 FTS-13C2		97.8	%				
M-6:2 FTS-13C2		96.1	%				
M-8:2 FTS-13C2		84.5	%				
M-GenX-13C3 (HFPO-DA)		92.0	%				
M-NEtFOSAA-D5		82.5	%				
M-NEtFOSA-D5		58.1	%				
M-NEtFOSE-D9		72.1	%				
M-NMeFOSAA-D3		83.2	%				
M-NMeFOSA-D3		68.6	%				
M-NMeFOSE-D7		71.9	%				
M-PFBA-13C4		101.	%				
M-PFBS-13C3		92.6	%				
M-PFDA-13C6		89.7	%				
M-PFDoA-13C2		80.5	%				
M-PFHpA-13C4		90.2	%				
M-PFHxA-13C5		87.3	%				
M-PFHxS-13C3		88.2	%				
M-PFNA-13C9		91.2	%				
M-PFOA-13C8		89.2	%				
M-PFOS-13C8		91.1	%				
M-PFOSA-13C8		88.7	%				
M-PFPeA-13C5		93.6	%				
M-PFTeDA-13C2		65.6	%				
M-PFUnA-13C7		92.6	%				

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LCS Recovery Report

Lab ID: WG377630-2
Client ID: LCS1
SDG: SS5847
LCS File ID: 1LC07914
Report Date: 13-OCT-25

Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	95.0	15.1	14.3	ng/L	55-160
3:3FTCA	99.2	20.0	19.8	ng/L	65-130
4:2 FTS	104.	15.0	15.6	ng/L	70-145
5:3FTCA	106.	100.	106.	ng/L	70-135
6:2 FTS	104.	15.2	15.9	ng/L	65-155
7:3FTCA	101.	100.	101.	ng/L	50-145
8:2 FTS	110.	15.4	17.0	ng/L	60-150
9Cl-PF3ONS	116.	14.9	17.3	ng/L	70-155
ADONA	115.	15.1	17.3	ng/L	65-145
GenX (HFPO-DA)	108.	16.0	17.3	ng/L	70-140
NEtFOSA	119.	4.00	4.77	ng/L	65-145
NEtFOSAA	99.0	4.00	3.96	ng/L	70-145
NEtFOSE	100.	40.0	40.2	ng/L	70-135
NFDHA	93.6	8.00	7.49	ng/L	50-150
NMeFOSA	116.	4.00	4.63	ng/L	60-150
NMeFOSAA	101.	4.00	4.05	ng/L	50-140
NMeFOSE	92.9	40.0	37.2	ng/L	70-145
PFBA	96.2	16.0	15.4	ng/L	70-140
PFBS	102.	3.55	3.64	ng/L	60-145
PFDA	101.	4.00	4.06	ng/L	70-140
PFDoA	98.0	4.00	3.92	ng/L	70-140
PFDoS	67.9	3.87	2.63	ng/L	50-145
PFDS	88.6	3.86	3.42	ng/L	60-145
PFEESA	108.	7.14	7.70	ng/L	70-140
PFHpA	100.	4.00	4.00	ng/L	70-145
PFHpS	99.9	3.81	3.81	ng/L	70-150
PFHxA	95.0	4.00	3.80	ng/L	70-145
Total PFHxS	102.	3.65	3.73	ng/L	65-145
PFMBA	101.	8.00	8.10	ng/L	60-150
PFMPA	98.8	8.00	7.90	ng/L	55-140
Total PFNA	97.5	4.00	3.90	ng/L	70-150
PFNS	88.2	3.84	3.39	ng/L	65-145
Total PFOA	101.	4.01	4.05	ng/L	70-150
PFOS	99.6	3.71	3.70	ng/L	55-150
PFOSA	114.	4.00	4.57	ng/L	70-145
PFPeA	101.	8.00	8.05	ng/L	65-135

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LCS Recovery Report

Lab ID: WG377630-2
Client ID: LCS1
SDG: SS5847
LCS File ID: 1LC07914
Report Date: 13-OCT-25

Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	106.	3.76	3.97	ng/L	65-140
PFTeDA	113.	4.00	4.52	ng/L	60-140
PFTrDA	79.1	4.00	3.16	ng/L	65-140
PFUnA	98.0	4.00	3.92	ng/L	70-145
M-4:2 FTS-13C2	99.9				40-200
M-6:2 FTS-13C2	98.5				40-200
M-8:2 FTS-13C2	99.2				40-300
M-GenX-13C3 (HFPO-DA)	83.7				40-130
M-NEtFOSAA-D5	71.3				25-135
M-NEtFOSA-D5	20.7				10-130
M-NEtFOSE-D9	61.3				10-130
M-NMeFOSAA-D3	99.8				40-170
M-NMeFOSA-D3	24.0				10-130
M-NMeFOSE-D7	66.6				10-130
M-PFBA-13C4	106.				5-130
M-PFBS-13C3	100.				40-135
M-PFDA-13C6	97.7				40-130
M-PFDoA-13C2	99.7				10-130
M-PFHpA-13C4	91.2				40-130
M-PFHxA-13C5	92.9				40-130
M-PFHxS-13C3	97.9				40-130
M-PFNA-13C9	96.7				40-130
M-PFOA-13C8	97.4				40-130
M-PFOS-13C8	98.8				40-130
M-PFOSA-13C8	72.6				40-130
M-PFPeA-13C5	96.6				40-130
M-PFTeDA-13C2	62.0				10-130
M-PFUnA-13C7	108.				30-130

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LCS Recovery Report

Lab ID: WG377630-3
Client ID: LCS2
SDG: SS5847
LCS File ID: 1LC07915
Report Date: 13-OCT-25

Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	102.	94.3	96.3	ng/L	55-160
3:3FTCA	100.	125.	126.	ng/L	65-130
4:2 FTS	97.4	93.7	91.3	ng/L	70-145
5:3FTCA	97.6	625.	610.	ng/L	70-135
6:2 FTS	101.	95.1	96.5	ng/L	65-155
7:3FTCA	92.6	625.	579.	ng/L	50-145
8:2 FTS	102.	96.0	97.9	ng/L	60-150
9Cl-PF3ONS	107.	93.3	99.9	ng/L	70-155
ADONA	111.	94.5	105.	ng/L	65-145
GenX (HFPO-DA)	106.	100.	106.	ng/L	70-140
NEtFOSA	130.	25.0	32.5	ng/L	65-145
NEtFOSAA	94.2	25.0	23.6	ng/L	70-145
NEtFOSE	102.	250.	254.	ng/L	70-135
NFDHA	85.3	50.0	42.6	ng/L	50-150
NMeFOSA	131.	25.0	32.8	ng/L	60-150
NMeFOSAA	93.8	25.0	23.4	ng/L	50-140
NMeFOSE	94.2	250.	236.	ng/L	70-145
PFBA	92.7	100.	92.7	ng/L	70-140
PFBS	96.7	22.2	21.5	ng/L	60-145
PFDA	96.0	25.0	24.0	ng/L	70-140
PFDoA	99.6	25.0	24.9	ng/L	70-140
PFDoS	67.2	24.2	16.3	ng/L	50-145
PFDS	92.8	24.1	22.4	ng/L	60-145
PFEESA	98.3	44.6	43.8	ng/L	70-140
PFHpA	97.7	25.0	24.4	ng/L	70-145
PFHpS	101.	23.8	24.1	ng/L	70-150
PFHxA	92.8	25.0	23.2	ng/L	70-145
Total PFHxS	102.	22.8	23.2	ng/L	65-145
PFMBA	96.4	50.0	48.2	ng/L	60-150
PFMPA	96.1	50.0	48.0	ng/L	55-140
Total PFNA	94.6	25.0	23.6	ng/L	70-150
PFNS	84.8	24.0	20.4	ng/L	65-145
Total PFOA	95.4	25.0	23.8	ng/L	70-150
PFOS	100.	23.2	23.3	ng/L	55-150
PFOSA	110.	25.0	27.4	ng/L	70-145
PFPeA	98.6	50.0	49.3	ng/L	65-135

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LCS Recovery Report

Lab ID: WG377630-3
Client ID: LCS2
SDG: SS5847
LCS File ID: 1LC07915
Report Date: 13-OCT-25

Extract Date: 07-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377630

Analysis Date: 07-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	101.	23.5	23.7	ng/L	65-140
PFTeDA	109.	25.0	27.3	ng/L	60-140
PFTrDA	73.2	25.0	18.3	ng/L	65-140
PFUnA	97.2	25.0	24.3	ng/L	70-145
M-4:2 FTS-13C2	95.6				40-200
M-6:2 FTS-13C2	95.0				40-200
M-8:2 FTS-13C2	96.1				40-300
M-GenX-13C3 (HFPO-DA)	81.3				40-130
M-NEtFOSAA-D5	69.2				25-135
M-NEtFOSA-D5	23.8				10-130
M-NEtFOSE-D9	68.1				10-130
M-NMeFOSAA-D3	102.				40-170
M-NMeFOSA-D3	27.3				10-130
M-NMeFOSE-D7	76.1				10-130
M-PFBA-13C4	106.				5-130
M-PFBS-13C3	101.				40-135
M-PFDA-13C6	99.0				40-130
M-PFDoA-13C2	107.				10-130
M-PFHpA-13C4	95.2				40-130
M-PFHxA-13C5	95.9				40-130
M-PFHxS-13C3	99.1				40-130
M-PFNA-13C9	102.				40-130
M-PFOA-13C8	99.8				40-130
M-PFOS-13C8	95.1				40-130
M-PFOSA-13C8	79.6				40-130
M-PFPeA-13C5	98.5				40-130
M-PFTeDA-13C2	58.6				10-130
M-PFUnA-13C7	101.				30-130

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LCS Recovery Report

Lab ID: WG377689-2
Client ID: LCS1
SDG: SS5847
LCS File ID: 2LC04249
Report Date: 13-OCT-25

Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	110.	1.51	1.66	ng/g	45-160
3:3FTCA	115.	2.00	2.30	ng/g	45-130
4:2 FTS	109.	1.50	1.64	ng/g	60-150
5:3FTCA	101.	10.0	10.1	ng/g	60-130
6:2 FTS	114.	1.52	1.73	ng/g	55-200
7:3FTCA	106.	10.0	10.6	ng/g	60-150
8:2 FTS	109.	1.54	1.68	ng/g	70-150
9Cl-PF3ONS	117.	1.49	1.75	ng/g	70-150
ADONA	115.	1.51	1.74	ng/g	70-160
GenX (HFPO-DA)	104.	1.60	1.67	ng/g	70-145
NEtFOSA	97.5	0.400	0.390	ng/g	70-140
NEtFOSAA	100.	0.400	0.401	ng/g	65-165
NEtFOSE	103.	4.00	4.11	ng/g	70-135
NFDHA	105.	0.800	0.839	ng/g	60-155
NMeFOSA	98.8	0.400	0.395	ng/g	70-155
NMeFOSAA	101.	0.400	0.402	ng/g	65-155
NMeFOSE	98.9	4.00	3.96	ng/g	70-140
PFBA	104.	1.60	1.66	ng/g	70-140
PFBS	104.	0.355	0.368	ng/g	65-145
PFDA	101.	0.400	0.404	ng/g	70-155
PFDoA	106.	0.400	0.425	ng/g	70-150
PFDoS	93.3	0.387	0.361	ng/g	25-160
PFDS	108.	0.386	0.417	ng/g	40-155
PFEESA	111.	0.714	0.793	ng/g	70-140
PFHpA	104.	0.400	0.415	ng/g	65-145
PFHpS	110.	0.381	0.420	ng/g	65-155
PFHxA	101.	0.400	0.404	ng/g	65-140
Total PFHxS	102.	0.365	0.371	ng/g	60-150
PFMBA	112.	0.800	0.898	ng/g	60-150
PFMPA	105.	0.800	0.841	ng/g	30-140
Total PFNA	103.	0.400	0.411	ng/g	70-155
PFNS	104.	0.384	0.401	ng/g	55-140
Total PFOA	96.7	0.401	0.388	ng/g	70-150
PFOS	104.	0.371	0.384	ng/g	65-160
PFOSA	103.	0.400	0.413	ng/g	70-140
PFPeA	102.	0.800	0.814	ng/g	60-150

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LCS Recovery Report

Lab ID: WG377689-2
Client ID: LCS1
SDG: SS5847
LCS File ID: 2LC04249
Report Date: 13-OCT-25

Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	99.6	0.376	0.374	ng/g	55-160
PFTeDA	105.	0.400	0.422	ng/g	65-150
PFTrDA	93.4	0.400	0.374	ng/g	65-150
PFUnA	104.	0.400	0.414	ng/g	70-155
M-4:2 FTS-13C2	96.4				40-165
M-6:2 FTS-13C2	96.1				40-215
M-8:2 FTS-13C2	88.9				40-275
M-GenX-13C3 (HFPO-DA)	82.4				40-130
M-NEtFOSAA-D5	112.				40-150
M-NEtFOSA-D5	72.0				10-130
M-NEtFOSE-D9	67.4				15-130
M-NMeFOSAA-D3	57.6				40-135
M-NMeFOSA-D3	76.7				10-130
M-NMeFOSE-D7	69.7				20-130
M-PFBA-13C4	99.3				8-130
M-PFBS-13C3	90.3				40-135
M-PFDA-13C6	94.4				40-130
M-PFDoA-13C2	94.0				40-130
M-PFHpA-13C4	86.0				40-130
M-PFHxA-13C5	91.6				40-130
M-PFHxS-13C3	91.6				40-130
M-PFNA-13C9	93.6				40-130
M-PFOA-13C8	93.3				40-130
M-PFOS-13C8	86.8				40-130
M-PFOSA-13C8	89.0				40-130
M-PFPeA-13C5	93.7				35-130
M-PFTeDA-13C2	79.2				20-130
M-PFUnA-13C7	101.				40-130

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LCS Recovery Report

Lab ID: WG377689-3
Client ID: LCS2
SDG: SS5847
LCS File ID: 2LC04250
Report Date: 13-OCT-25

Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	104.	9.43	9.79	ng/g	45-160
3:3FTCA	114.	12.5	14.2	ng/g	45-130
4:2 FTS	101.	9.37	9.45	ng/g	60-150
5:3FTCA	98.6	62.5	61.6	ng/g	60-130
6:2 FTS	100.	9.51	9.53	ng/g	55-200
7:3FTCA	101.	62.5	63.4	ng/g	60-150
8:2 FTS	103.	9.60	9.87	ng/g	70-150
9Cl-PF3ONS	109.	9.33	10.2	ng/g	70-150
ADONA	107.	9.45	10.1	ng/g	70-160
GenX (HFPO-DA)	105.	10.0	10.5	ng/g	70-145
NEtFOSA	97.0	2.50	2.43	ng/g	70-140
NEtFOSAA	93.5	2.50	2.34	ng/g	65-165
NEtFOSE	99.1	25.0	24.8	ng/g	70-135
NFDHA	96.4	5.00	4.82	ng/g	60-155
NMeFOSA	96.2	2.50	2.40	ng/g	70-155
NMeFOSAA	95.4	2.50	2.38	ng/g	65-155
NMeFOSE	96.8	25.0	24.2	ng/g	70-140
PFBA	98.6	10.0	9.86	ng/g	70-140
PFBS	92.8	2.22	2.06	ng/g	65-145
PFDA	95.1	2.50	2.38	ng/g	70-155
PFDoA	98.8	2.50	2.47	ng/g	70-150
PFDoS	87.6	2.42	2.12	ng/g	25-160
PFDS	103.	2.41	2.48	ng/g	40-155
PFEESA	103.	4.46	4.61	ng/g	70-140
PFHpA	98.6	2.50	2.46	ng/g	65-145
PFHpS	107.	2.38	2.55	ng/g	65-155
PFHxA	93.6	2.50	2.34	ng/g	65-140
Total PFHxS	94.8	2.28	2.16	ng/g	60-150
PFMBA	107.	5.00	5.33	ng/g	60-150
PFMPA	99.7	5.00	4.98	ng/g	30-140
Total PFNA	96.7	2.50	2.42	ng/g	70-155
PFNS	104.	2.40	2.50	ng/g	55-140
Total PFOA	91.6	2.50	2.29	ng/g	70-150
PFOS	96.2	2.32	2.23	ng/g	65-160
PFOSA	99.3	2.50	2.48	ng/g	70-140
PFPeA	95.7	5.00	4.78	ng/g	60-150

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LCS Recovery Report

Lab ID: WG377689-3
Client ID: LCS2
SDG: SS5847
LCS File ID: 2LC04250
Report Date: 13-OCT-25

Extract Date: 09-OCT-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG377689

Analysis Date: 09-OCT-25
Analyst: DBV
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	96.8	2.35	2.27	ng/g	55-160
PFTeDA	101.	2.50	2.53	ng/g	65-150
PFTrDA	89.6	2.50	2.24	ng/g	65-150
PFUnA	99.0	2.50	2.47	ng/g	70-155
M-4:2 FTS-13C2	100.				40-165
M-6:2 FTS-13C2	99.8				40-215
M-8:2 FTS-13C2	94.1				40-275
M-GenX-13C3 (HFPO-DA)	86.5				40-130
M-NEtFOSAA-D5	115.				40-150
M-NEtFOSA-D5	76.9				10-130
M-NEtFOSE-D9	71.2				15-130
M-NMeFOSAA-D3	60.1				40-135
M-NMeFOSA-D3	84.2				10-130
M-NMeFOSE-D7	75.5				20-130
M-PFBA-13C4	99.0				8-130
M-PFBS-13C3	98.3				40-135
M-PFDA-13C6	95.6				40-130
M-PFDoA-13C2	94.2				40-130
M-PFHpA-13C4	90.1				40-130
M-PFHxA-13C5	96.1				40-130
M-PFHxS-13C3	94.0				40-130
M-PFNA-13C9	96.7				40-130
M-PFOA-13C8	96.6				40-130
M-PFOS-13C8	92.7				40-130
M-PFOSA-13C8	96.0				40-130
M-PFPeA-13C5	96.3				35-130
M-PFTeDA-13C2	78.5				20-130
M-PFUnA-13C7	98.2				40-130

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LCS Recovery Report

Lab ID: WG377832-2
Client ID: LCS1
SDG: SS5847
LCS File ID: 2LC04379
Report Date: 13-OCT-25

Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	89.2	1.51	1.35	ng/g	45-160
3:3FTCA	91.7	2.00	1.83	ng/g	45-130
4:2 FTS	95.9	1.50	1.44	ng/g	60-150
5:3FTCA	93.9	10.0	9.39	ng/g	60-130
6:2 FTS	98.3	1.52	1.49	ng/g	55-200
7:3FTCA	91.5	10.0	9.15	ng/g	60-150
8:2 FTS	92.3	1.54	1.42	ng/g	70-150
9Cl-PF3ONS	91.4	1.49	1.36	ng/g	70-150
ADONA	90.1	1.51	1.36	ng/g	70-160
GenX (HFPO-DA)	93.0	1.60	1.49	ng/g	70-145
NEtFOSA	99.7	0.400	0.399	ng/g	70-140
NEtFOSAA	85.3	0.400	0.341	ng/g	65-165
NEtFOSE	94.3	4.00	3.77	ng/g	70-135
NFDHA	106.	0.800	0.847	ng/g	60-155
NMeFOSA	95.4	0.400	0.381	ng/g	70-155
NMeFOSAA	94.8	0.400	0.379	ng/g	65-155
NMeFOSE	96.5	4.00	3.86	ng/g	70-140
PFBA	91.4	1.60	1.46	ng/g	70-140
PFBS	96.4	0.355	0.342	ng/g	65-145
PFDA	90.7	0.400	0.363	ng/g	70-155
PFDoA	94.5	0.400	0.378	ng/g	70-150
PFDoS	69.8	0.387	0.270	ng/g	25-160
PFDS	84.2	0.386	0.325	ng/g	40-155
PFEESA	96.0	0.714	0.686	ng/g	70-140
PFHpA	92.4	0.400	0.370	ng/g	65-145
PFHpS	97.9	0.381	0.373	ng/g	65-155
PFHxA	96.9	0.400	0.388	ng/g	65-140
Total PFHxS	94.6	0.365	0.345	ng/g	60-150
PFMBA	90.5	0.800	0.724	ng/g	60-150
PFMPA	89.5	0.800	0.716	ng/g	30-140
Total PFNA	93.0	0.400	0.372	ng/g	70-155
PFNS	90.9	0.384	0.349	ng/g	55-140
Total PFOA	94.8	0.401	0.380	ng/g	70-150
PFOS	91.2	0.371	0.338	ng/g	65-160
PFOSA	99.9	0.400	0.400	ng/g	70-140
PFPeA	92.8	0.800	0.742	ng/g	60-150

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LCS Recovery Report

Lab ID: WG377832-2
Client ID: LCS1
SDG: SS5847
LCS File ID: 2LC04379
Report Date: 13-OCT-25

Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	97.4	0.376	0.366	ng/g	55-160
PFTeDA	98.0	0.400	0.392	ng/g	65-150
PFTrDA	88.1	0.400	0.352	ng/g	65-150
PFUnA	93.8	0.400	0.375	ng/g	70-155
M-4:2 FTS-13C2	104.				40-165
M-6:2 FTS-13C2	104.				40-215
M-8:2 FTS-13C2	91.7				40-275
M-GenX-13C3 (HFPO-DA)	104.				40-130
M-NEtFOSAA-D5	79.2				40-150
M-NEtFOSA-D5	60.2				10-130
M-NEtFOSE-D9	81.6				15-130
M-NMeFOSAA-D3	78.4				40-135
M-NMeFOSA-D3	71.2				10-130
M-NMeFOSE-D7	80.4				20-130
M-PFBA-13C4	101.				8-130
M-PFBS-13C3	91.5				40-135
M-PFDA-13C6	101.				40-130
M-PFDoA-13C2	88.1				40-130
M-PFHpA-13C4	97.0				40-130
M-PFHxA-13C5	91.8				40-130
M-PFHxS-13C3	94.2				40-130
M-PFNA-13C9	97.2				40-130
M-PFOA-13C8	98.1				40-130
M-PFOS-13C8	95.3				40-130
M-PFOSA-13C8	91.9				40-130
M-PFPeA-13C5	99.2				35-130
M-PFTeDA-13C2	69.3				20-130
M-PFUnA-13C7	98.9				40-130

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LCS Recovery Report

Lab ID: WG377832-3
Client ID: LCS2
SDG: SS5847
LCS File ID: 2LC04380
Report Date: 13-OCT-25

Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	94.6	9.43	8.92	ng/g	45-160
3:3FTCA	103.	12.5	12.9	ng/g	45-130
4:2 FTS	102.	9.37	9.55	ng/g	60-150
5:3FTCA	102.	62.5	63.9	ng/g	60-130
6:2 FTS	107.	9.51	10.2	ng/g	55-200
7:3FTCA	98.0	62.5	61.3	ng/g	60-150
8:2 FTS	96.4	9.60	9.25	ng/g	70-150
9Cl-PF3ONS	92.0	9.33	8.58	ng/g	70-150
ADONA	97.8	9.45	9.24	ng/g	70-160
GenX (HFPO-DA)	101.	10.0	10.1	ng/g	70-145
NEtFOSA	110.	2.50	2.76	ng/g	70-140
NEtFOSAA	98.7	2.50	2.47	ng/g	65-165
NEtFOSE	99.4	25.0	24.8	ng/g	70-135
NFDHA	112.	5.00	5.62	ng/g	60-155
NMeFOSA	102.	2.50	2.55	ng/g	70-155
NMeFOSAA	99.4	2.50	2.48	ng/g	65-155
NMeFOSE	102.	25.0	25.5	ng/g	70-140
PFBA	99.0	10.0	9.90	ng/g	70-140
PFBS	103.	2.22	2.28	ng/g	65-145
PFDA	98.3	2.50	2.46	ng/g	70-155
PFDoA	101.	2.50	2.53	ng/g	70-150
PFDoS	82.4	2.42	1.99	ng/g	25-160
PFDS	90.6	2.41	2.18	ng/g	40-155
PFEESA	105.	4.46	4.68	ng/g	70-140
PFHpA	99.5	2.50	2.49	ng/g	65-145
PFHpS	101.	2.38	2.40	ng/g	65-155
PFHxA	100.	2.50	2.51	ng/g	65-140
Total PFHxS	99.0	2.28	2.26	ng/g	60-150
PFMBA	98.3	5.00	4.92	ng/g	60-150
PFMPA	96.4	5.00	4.82	ng/g	30-140
Total PFNA	100.	2.50	2.51	ng/g	70-155
PFNS	94.8	2.40	2.28	ng/g	55-140
Total PFOA	102.	2.50	2.54	ng/g	70-150
PFOS	92.3	2.32	2.14	ng/g	65-160
PFOSA	106.	2.50	2.64	ng/g	70-140
PFPeA	100.	5.00	5.02	ng/g	60-150

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LCS Recovery Report

Lab ID: WG377832-3
Client ID: LCS2
SDG: SS5847
LCS File ID: 2LC04380
Report Date: 13-OCT-25

Extract Date: 10-OCT-25
Extracted By: CRG/ASC
Extraction Method: 1633A
Lab Prep Batch: WG377832

Analysis Date: 11-OCT-25
Analyst: ASC
Analysis Method: 1633A
Matrix: SL

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	103.	2.35	2.42	ng/g	55-160
PFTeDA	105.	2.50	2.64	ng/g	65-150
PFTrDA	98.4	2.50	2.46	ng/g	65-150
PFUnA	104.	2.50	2.60	ng/g	70-155
M-4:2 FTS-13C2	88.0				40-165
M-6:2 FTS-13C2	86.7				40-215
M-8:2 FTS-13C2	80.0				40-275
M-GenX-13C3 (HFPO-DA)	85.5				40-130
M-NEtFOSAA-D5	73.8				40-150
M-NEtFOSA-D5	53.5				10-130
M-NEtFOSE-D9	70.5				15-130
M-NMeFOSAA-D3	72.2				40-135
M-NMeFOSA-D3	63.6				10-130
M-NMeFOSE-D7	70.7				20-130
M-PFBA-13C4	102.				8-130
M-PFBS-13C3	77.3				40-135
M-PFDA-13C6	82.2				40-130
M-PFDoA-13C2	75.8				40-130
M-PFHpA-13C4	81.7				40-130
M-PFHxA-13C5	77.2				40-130
M-PFHxS-13C3	81.2				40-130
M-PFNA-13C9	82.6				40-130
M-PFOA-13C8	83.0				40-130
M-PFOS-13C8	86.7				40-130
M-PFOSA-13C8	81.4				40-130
M-PFPeA-13C5	81.8				35-130
M-PFTeDA-13C2	64.3				20-130
M-PFUnA-13C7	85.3				40-130

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Logbooks and Supporting Documents

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS Preparation LOGBOOK - AQ

METHOD: (1633) or 537MOD MATRIX: (AQ) or Leachate

EIS ID: PFS0357	MeOH lot#: 253547	15mL tube Lot: CP0173	pH checked 6.0-7.0 ✓
Spike ID: PFS0367	0.3M Formic ID: PFR0731	Pipette ID: P7/P3	Formic Acid pH —
IS ID: PFS0348	0.1M Formic:MeOH ID: PFR0711	Pipette tip Lot: CP0122 1124	Amminium Hydroxide pH —
Cartridge Lot: CP0169	1% Ammonium Hydroxide ID: PFR0755	Luer lock syringe ID: CP0120	pH strip Lot: CP0174
Trizma Lot: —	Loose carbon Lot: —	Syringe filter ID: CP0164	Capillary tube Lot: CP0147
Bal ID: 24	Glass wool Lot: CP0136	Acetic Acid ID: CP0158	Vial Lot: CP0166

Extraction Start Time: 09:65.
Extraction Finish Time: 12:56

Extract Date	Analyst	Sample ID	Bottle ID.	TSS Method (Drying or Visual)	TSS < or > 50mg	Initial weight taken	pH checked	uL EIS added	SPIKE Amounts	condition: 15mL 1%AmHyd, 5mL 0.3M Formic	Elute sample through cartridge and discard 5mL/min	Cartridge Rinsed and elution 5mL 1%AmHyd	uL NIS Added	final weight taken	PC# and position	Comments
10-7-25	CRG AC	WG377630-1	—	✓	<	✓	✓	20uL	—	✓	✓	✓	20uL	✓	2-5	R673082
		-2							8mL						2-4	LCS1
		-3							50uL						2-3	LCS2
		SS5847-19	A						—						2-2	
		1 -20													2-1	
																CRG 10-7-25

Extract Date	Analyst	Sample ID	Bottle ID.	TSS Method (Drying or Visual)	TSS < or > 50mg	Initial weight taken	pH checked	uL EIS added	SPIKE Amounts	condition: 15mL 1%AmHyd, 5mL 0.3M Formic	Elute sample through cartridge and discard 5mL/min	Cartridge Rinsed and elution 5mL 1%AmHyd	uL NIS Added	final weight taken	PC# and position	Comments
																CRG 10-7-25

Reviewed by: _____ Date: _____

PFAS EXTRACTION BATCH REPORT
Oct 07 2025, 01:21 pm
Batch: WG377630 Run ID: R673082

Sample	Product	Matrix	Type	Batch	Ext Date	by	In. Wt.	Fin. Wt.	In. Vol.	Fin. Vol	Con. Date
SS5847-19	1633	AQ	SAMP	WG377630	07-OCT-25	CRG/AC	582.33g	44.54g	537.79mL	5mL	
SS5847-20	1633	AQ	SAMP	WG377630	07-OCT-25	CRG/AC	557.54g	44.74g	512.8mL	5mL	
WG377630-1	1633	AQ	MBLANK	WG377630	07-OCT-25	CRG/AC	500g	0g	500mL	5mL	
WG377630-2	1633	AQ	LCS1	WG377630	07-OCT-25	CRG/AC	500g	0g	500mL	5mL	
WG377630-3	1633	AQ	LCS2	WG377630	07-OCT-25	CRG/AC	500g	0g	500mL	5mL	

Comments:

WG377630-1	SS5847-19
WG377630-2	SS5847-19
WG377630-3	SS5847-19

Relinquished by:_____ Date:_____ Accepted by:_____ Date:_____

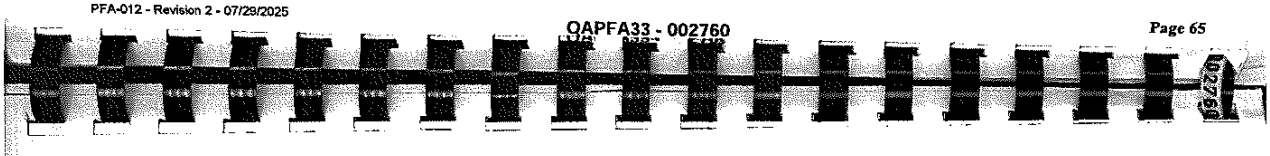
SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS Preparation LOGBOOK – Solid

xCRL 10-9-25

METHOD: (1633) or 537MOD MATRIX: (SL) or Biosolid

IDA/EIS ID: PFS0358	MeOH Lot: 250522-52	Pipette ID: P51P7	pH checked 6.0-7.0 ✓	15mL tube Lot: CP0173
Spike ID: PFS0367	0.3M Formic ID: PFR0712	Pipette tip Lot: CP0122 / 124	Formic Acid pH —	50mL tube Lot: CP0176
IS ID: PFS0349	0.1M Formic:MeOH ID: PFR0734	Luer lock syringe Lot: CP0120	Ammonium Hydroxide pH —	
Cartridge Lot: C80168	1% Ammonium Hydroxide ID: PFR0756	Syringe filter Lot: CP0164	pH strip Lot: C80174	
Ottawa sand Lot: CP0061	0.3% AmHydroxide ID: PFR0740	Loose Carbon Lot: —	Capillary tube Lot: CP0142	Extraction Start Time: 09:20
Bal ID: 24	Glass wool Lot: CP0126	Acetic Acid ID: CP0168	Vial Lot: CY0166	Extraction Finish Time: 12:15

Extract Date	Analyst	Sample ID	Bottle ID.	Initial weight taken	uL EIS/IDA added	SPIKE Amounts	SL- 3 solvent extractions	soils converted to AQ	pH checked	condition: 15mL 1%AmHyd, 5mL 0.3M Formic	Elute sample through cartridge and discard 5mL/min	Cartridge Rinsed and elution 5mL 1%AmHyd	uL IS Added	PC# and position	Comments
10-9-25	CRL AC	WG377689 -1	-	✓	20uL	-	✓	✓	✓	✓	✓	✓	20uL	1-1	R673177
		-2	-			8uL								1-2	LCS1
		-3	-			50uL								1-3	LCS2
		SSS847 -1	A			-								1-8	
		-2												1-7	
		-3												1-1	
		-4												1-6	
		-5												1-3	
		-6												1-8	
		-7												1-6	
		-8												1-1	
		-9												1-4	New EIS PFS0359



Extract Date	Analyst	Sample ID	Bottle ID.	Initial weight taken	uL EIS/IDA added	SPIKE Amounts	SL- 3 solvent extractions	soils converted to AQ	pH checked	condition: 15mL 1%AmHyd, 5mL 0.3M Formic	Elute sample through cartridge and discard 5mL/min	Cartridge Rinsed and elution 5mL 1%AmHyd	uL IS Added	PC# and position	Comments
10-9-25	CRL AC	SSS847 -10	A	✓	20uL	-	✓	✓	✓	✓	✓	✓	20uL	1-7	New EIS PFS0359
		-11												1-2	
		-12												1-3	
		-13												1-4	
		-14												1-8	
		-15												1-7	
		-16												1-4	
		-17												1-6	
		-18												1-2	
															CRL 10-9-25

Reviewed by: DBL Date: 10/9/25

PFAS EXTRACTION BATCH REPORT
Oct 09 2025, 01:51 pm
Batch: WG377689 Run ID: R673177

Sample	Product	Matrix	Type	Batch	Ext Date	by	In. Wt.	Fin. Vol	Con. Date
SS5847-1	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	7.6g	5mL	
SS5847-2	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	6.21g	5mL	
SS5847-3	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	8.92g	5mL	
SS5847-4	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	7.02g	5mL	
SS5847-5	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	8.26g	5mL	
SS5847-6	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	9.9g	5mL	
SS5847-7	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	7.13g	5mL	
SS5847-8	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	8.89g	5mL	
SS5847-9	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	9.78g	5mL	
SS5847-10	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	6.87g	5mL	
SS5847-11	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	6.52g	5mL	
SS5847-12	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	6.45g	5mL	
SS5847-13	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	6.85g	5mL	
SS5847-14	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	7.49g	5mL	
SS5847-15	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	7.92g	5mL	
SS5847-16	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	8.08g	5mL	
SS5847-17	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	8.94g	5mL	
SS5847-18	1633	SL	SAMP	WG377689	09-OCT-25	CRG/AC	8.39g	5mL	
WG377689-1	1633	SL	MBLANK	WG377689	09-OCT-25	CRG/AC	5g	5mL	
WG377689-2	1633	SL	LCS1	WG377689	09-OCT-25	CRG/AC	5g	5mL	
WG377689-3	1633	SL	LCS2	WG377689	09-OCT-25	CRG/AC	5g	5mL	

Comments:

WG377689-1	SS5847-1
WG377689-2	SS5847-1
WG377689-3	SS5847-1

Relinquished by:_____ Date:_____ Accepted by:_____ Date:_____

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS Preparation LOGBOOK – Solid

METHOD: (1633) or 537MOD MATRIX: (SL) or Biosolid

IDA/EIS ID: PFS0360	MeOH Lot: 250552	Pipette ID P31/P7	pH checked 6.0-7.0 ✓	15mL tube Lot: CP0173	
Spike ID: PFS0364	0.3M Formic ID: PFR0712	Pipette tip Lot: CP0127/174	Formic Acid pH —	50mL tube Lot: CP0176	
IS ID: PFS0350, 0343	0.1M Formic:MeOH ID: PFR0748	Luer lock syringe Lot: CP0120	Amminium Hydroxide pH —		
Cartridge Lot: CP0168	1% Ammonium Hydroxide ID: PFR0759	Syringe filter Lot: CP0164	pH strip Lot: CP0174		
Ottawa sand Lot: CP0061	0.3% AmHydroxide ID: PFR0758	Loose Carbon Lot: —	Capillary tube Lot: CP0142	Extraction Start Time: 1442	
Bal ID: 74	Glass wool Lot: CP0126	Acetic Acid ID: CP0158	Vial Lot: CP0166	Extraction Finish Time: 1737	

Extract Date	Analyst	Sample ID	Bottle ID.	Initial weight taken	uL EIS/IDA added	SPIKE Amounts	SL- 3 solvent extractions	soils converted to AQ	pH checked	condition: 15mL 1%AmHyd, 5mL 0.3M Formic	Elute sample through cartridge and discard 5mL/min	Cartridge Rinsed and elution 5mL 1%AmHyd	uL IS Added	PO# and position	Comments
ASC 10-20-25 10-10-25	CRG/MC/AC	WG377832-1	—	✓	20uL	—	✓	✓	✓	✓	✓	✓	20uL	1-2	R673378
		-2				8uL								1-3	LCS1
		-3				50uL								1-4	LCS2
		-4												1-5	MS2 (SS5929-16)
		-5												1-6	MSD2 (SS5929-16)
		SS5929-10	A			—								1-7	
		-11												1-8	New IS
		-12												1-1	New IS
		-13												1-2	
		-14												1-3	
		-15												1-4	
		-16												1-5	

Extract Date	Analyst	Sample ID	Bottle ID.	Initial weight taken	uL EIS/IDA added	SPIKE Amounts	SL- 3 solvent extractions	soils converted to AQ	pH checked	condition: 15mL 1%AmHyd, 5mL 0.3M Formic	Elute sample through cartridge and discard 5mL/min	Cartridge Rinsed and elution 5mL 1%AmHyd	uL IS Added	PO# and position	Comments
10-15-25	CRG/AC	SS5929-17	A	✓	20uL	—	✓	✓	✓	✓	✓	✓	20uL	1-6	
		-18												1-7	
		SS5847-2	A			—								1-8	RE New IS
		-9				—								1-1	RE New IS

ASC 10-10-25

Reviewed by: _____ Date: _____

PFAS EXTRACTION BATCH REPORT
Oct 11 2025, 06:59 pm
Batch: WG377832 Run ID: R673378

Sample	Product	Matrix	Type	Batch	Ext Date	by	In. Wt.	Fin. Vol	Con. Date
SS5847-2RE	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	6.08g	5mL	
SS5847-9RE	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	8.29g	5mL	
SS5929-10	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	6.1g	5mL	
SS5929-11	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	5.57g	5mL	
SS5929-12	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	6.19g	5mL	
SS5929-13	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	5.75g	5mL	
SS5929-14	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	5.96g	5mL	
SS5929-15	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	5.85g	5mL	
SS5929-16	1633	SL	SAMP	WG377832	13-OCT-25	CRG/ASC	6.24g	5mL	
SS5929-17	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	6.29g	5mL	
SS5929-18	1633	SL	SAMP	WG377832	10-OCT-25	CRG/ASC	6.54g	5mL	
WG377832-1	1633	SL	MBLANK	WG377832	10-OCT-25	CRG/ASC	5g	5mL	
WG377832-2	1633	SL	LCS1	WG377832	10-OCT-25	CRG/ASC	5g	5mL	
WG377832-3	1633	SL	LCS2	WG377832	10-OCT-25	CRG/ASC	5g	5mL	
WG377832-4	1633	SL	MS2	WG377832	10-OCT-25	CRG/ASC	6.09g	5mL	
WG377832-5	1633	SL	MSD2	WG377832	10-OCT-25	CRG/ASC	6.09g	5mL	

Comments:

SS5929-16	MS/MSD
WG377832-1	SS5929-10
WG377832-2	SS5929-10
WG377832-3	SS5929-10
WG377832-4	SS5929-16
WG377832-5	SS5929-16

Relinquished by:_____ Date:_____ Accepted by:_____ Date:_____

wrong logbook DBV 10/2/25

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS LCMS Runlog

Instrument ID: LCMS-1
Method (Circle): E533 E537.1 (1633) ~~MOD~~
Column Start Date: 11/14/24

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10/2/25	ILC07804	MeOH	WG377389	1633093025	DBV/AC	N	
	05	WG377389-1				Y	PFC 0712 → SSB
	06	-2				Y	PFC 0714 → CCV1 M-Gen X-1303 ↑ ok to continue
	07	-3				Y	PFC 0713 → CCV8 ← deleted out of method on curve day. Recal after AFFF sampl.
	08	-4				Y	PFC 0717 → CCV4
	09	TDCA				Y	PFC 0722
	10	WG377389-5				Y	PFC 0712 → SSB
	11	WG377364-1				Y	6:2 FTSA
	12	-2				Y	
	13	-3				Y	
	14	SS5743-1				Y	AFFF TET
	15	WG377389-5 -6*				Y	PFC 0717 → CCV4 NEW HAT N.D. in sample ok
	16	-6 -7*				Y	PFC 0712 → SSB *DBV 10/2/25
10-03-25	ILC07817	MeOH	WG377461	1633 10-08-25	ASC	N	
	818	SSB	-10			Y	PFC 0712
	819	low level CAL	-8			Y	PFC 0713
	820	CAL 1	-1			Y	PFC 0714
	821	CAL 2	-2			Y	PFC 0715
	822	CAL 3	-3			Y	PFC 0716
	823	CAL 4	-4			Y	PFC 0717
	824	CAL 5	-5			Y	PFC 0718
	825	CAL 6	-6			Y	PFC 0719
	826	CAL 7	-7			Y	PFC 0720
	827	SSB				N	carryover
	828	SSB	-11			Y	PFC 0712
	829	IND	-9			Y	PFC 0721

Standard	STD ID	Mobile Phase	STD ID
CCV 4 ~~PFC~~ *	PFC 0717 *DBV 10/2/25	Mobile Phase A	ACN252587
SSB	PFC 0712	Mobile Phase B	AFR0749

REVIEWED BY: _____
DATE: _____

SGS NORTH AMERICA, INC. - SCARBOROUGH

PFAS LCMS Runlog

Instrument ID: LCMS-1

Method (Circle): E533 E537.1 1633 MOD

Column Start Date: 11-14-24

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10-03-25	ILC07830	SSB	WG377461-1	1633 10-03-25	ASC	Y	-12
	831	CCV1	-13 -17			Y	PFC0714
	832	CCV8	-14 -18			Y	PFC0713
	833	CCV4	-15 -19			Y	
	834	TDCA				Y	PFC0722
	835	SSB	-16			Y	
	836	MeOH				N	system idle
	837	WG377472-1				Y	
	838	-2				Y	NetFOSAA↑ NMeFOSAA↑ No hit in ~~No hit in~~ ISC 10-04-25
	839	-3				Y	
	840	SS5800-9				Y	
	841	-10				Y	
	842	SS5801-26				Y	
	843	-27				Y	
	844	SS5821-1				Y	
	845	WG377462-1				Y	Extra blank not needed - clean
	846	-2				Y	Extra blank not needed - clean
	847	-3				Y	
	848	-4				Y	
	849	-5				Y	3E↑ No hit
✓	850	SS5800-1				Y	
	861	-2				N	RA for internals Need RE
	852	-3				Y	1E↑ No hit
	853	-4				Y	3E↑ No hits
	854	-5				Y	
	855	CCV4	-17				

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN 252587
SSB	PFC0712	Mobile Phase B	PFR0749

REVIEWED BY: _____

DATE: _____

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS LCMS Runlog

Instrument ID: LCMS-1
Method (Circle): E533 E537.1 (1633) MOD
Column Start Date: 11/14/24

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10/20/25	ILC07882	SS5801-10	WG377578	1633100325	DBV/ASC	Y	1E↑ No hit
	883	-11				Y	
	884	-12				Y	
	885	-13				Y	2E↑ No hits
	886	-14				Y	1E↑ No hit
	887	-15				N	2E↑ 1 hit (Tr)
	888	-16				Y	
	889	-17				Y	
	890	-18				Y	
	891	WG377578-6				Y	CCV4 PFC0717
	892	-7				Y	SSB PFC0712
	893	SS5801-19				Y	
	894	-20				Y	
	895	-21				Y	
	896	-22				Y	
	897	-23				Y	
	898	-24				Y	
	899	WG377578-8				Y	CCV4 PFC0717
	900	-9				Y	SSB PFC0712
10/7/25	ILC07901	MeOH	WG377657	1633100325	DBV/ASC	N	
✓	902	WG377657-1				N	SSB PFC0712
	903	-2				N	CCV1 PFC0714 PFTeDA↓ +direct analogue ↑ Likely
	904	-3				N	CCV8 PFC0713 due to temperature fluctuation.
	905	-4				N	CCV4 PFC0717 Turn off house air. Let stabilize + RA off seq
	906	MeOH				N	system idle
	907	WG377657-1				Y	SSB PFC0712

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN250587
SSB	PFC0712	Mobile Phase B	PFR0749

REVIEWED BY: _____
DATE: _____

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS LCMS Runlog

Instrument ID: LCMS-1
Method (Circle): E533 E537.1 (1633) MOD
Column Start Date: 11/14/24

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10/7/25	LC07908	WG377657-2	WG377657	1633100325	DAV/ASC	Y	PFC0714 CCV 1
	909	-3				Y	PFC0713 CCV 8
	910	-4				Y	PFC0717 CCV 4
	911	TDCA				Y	PFC0722
	912	WG377657-5				Y	PFC0712 SSB
	913	WG377630-1				Y	MB
	914	-2				Y	LCS1
	915	-3				Y	LCS2
	916	SS5847-19				Y	
	917	-20				Y	
	918	WG377582-1				Y	MB
	919	-2				Y	MB-2
	920	-3				Y	LCS-1
	921	-4				N	LCS-2 Needs RA-bad injection
	922	-5				Y	MS
	923	-6				Y	MSD
	924	SS5801-1				Y	1ET No hit corresponding
	925	-2				Y	
	926	-3				Y	1ET No hit corresponding
	927	-4				Y	
	928	-5				Y	2ET No hits corresponding
	929	-6				Y	1ET No corr. hits
	930	WG377657-6				Y	CCV4 PFC0717
	931	-7				Y	SSB PFC0712
	932	SS5801-7				Y	1ET No corr. hits
10/8/25	933	-8				Y	2ET No corr hits

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN252587
SSB	PFC0712	Mobile Phase B	PFR0749

REVIEWED BY: _____
DATE: _____

KATAHDIN ANALYTICAL SERVICES LLC

PFAS LCMS Runlog

Instrument ID: LCMS-2

Method (Circle): E533 E537.1 1633 MOD

Column Start Date: 02-13-25

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
09-17-25	2LC04213	CCV1	N/A	533	AEC	N	
AEC 09-19-25 09 ↓	↓ 214	SSB	↓	↓	↓	N	
09-18-25	2LC04215	MeOH	WG376751	533 09-15-25	DBN/AEC	N	
	216	conditioning				Y	4 < 50% PFC0668
	217	CCV1				Y	
	218	SSB				Y	
	219	WG376563-1				Y	6:2↑
	220	-2				Y	
	221	-3				Y	report both
	222	SS529-IRE				Y	PFC0672
	223	CCV5				Y	
	224	SSB				N	
10/9/25	2LC04225	MeOH	WG377753	1633100925	DBN/AEC	N	some missing. Adjust +RR
	226	RTCheck				N	Good to curve
	227	RTCheck				N	
	228	MeOH				Y	~~PFR0712~~ PFC0712 DBN 10/10/25*
	229	WG377753-10SSB	-10			Y	PFC0713
	230	LowLevelCal8	-8			Y	PFC0714
	231	Cal1 PFC0714*	-1			Y	
	232	Cal2 PFC0715	-2			Y	
	233	Cal3 PFC0716	-3			Y	
	234	Cal4 PFC0717	-4			Y	
	235	Cal5 PFC0718	-5			Y	
	236	Cal6 PFC0719	-6			Y	
	237	Cal7 PFC0720	-7			Y	
	238	SSB PFC0712	-11			Y	

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0671	Mobile Phase A	PFR0723
SSB	PFC0667	Mobile Phase B	PFR0724

REVIEWED BY: _____

DATE: _____

KATAHDIN ANALYTICAL SERVICES LLC

PFAS LCMS Runlog

Instrument ID: LCMS-2

Method (Circle): E533 E537.1 1633 MOD

Column Start Date: 10/9/25

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10/9/25	QLC04239	Independent PFC0712	WG377753-9	1633100925	DBH/ASC	Y	
	240	SSB PFC0712	-12			Y	
	241	CCV1 PFC0714	-13			Y	
	242	CCV8 PFC0713	-14			Y	
	243	CCV4 PFC0717	-15			N	Does not show up fully. Rerun w/ SSB
	244	TDCA PFC0722				N	
	245	SSB PFC0712	-16			Y	Good
	246	TDCA PFC0722				Y	
	247	SSB PFC0712	-16			Y	
	248	WG377689-1				Y	
	249	-2				Y	
	250	-3				Y	
	251	SS5847-1				N	NMeAPA ↓ Need RE report RA/RE
	252	-2				Y	
	253	-3				Y	
	254	-4				Y	
	255	-5				Y	
	256	-6				Y	
	257	-7				Y	
	258	-8				N	NMeAPA ↓ Need RE
	259	-9				Y	
	260	-10				Y	
	261	CCV4 PFC0717	-17			Y	
	262	SSB PFC0712	-18			Y	
	263	SS5847-11				Y	
	264	-12					

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN252587
SSB	PFC0712	Mobile Phase B	PFR0757

REVIEWED BY: _____

DATE: _____

KATAHDIN ANALYTICAL SERVICES LLC
PFAS LCMS Runlog

Instrument ID: LCMS-2
Method (Circle): E533 E537.1 ~~1633~~ MOD
Column Start Date: 10/9/25

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10/9/25	2LC04265	SS5847-13	WG377753	1633100925	MBH/ASC	Y	
	266	-14				Y	
	267	-15				Y	
	268	-16				Y	
	269	-17				Y	
	270	-18				Y	
	271	WG377796-1				Y	
	272	-2				Y	3:3↑
	273	-3				Y	3:3↑
	274	SS5929-20				Y	
	275	SS5931-2				Y	
	276	CCV4 PFC0717	-19			Y	
	277	SSB PFC0712	-20			Y	
	278	CCV1 PFC0714	-21			N	
	279	CCV8 PFC0713	-22				
	280	CCV4 PFC0717	-23				
	281	TDCA PFC0722					
	882	SSB PFC0712	-24				
10/10/25	283	SS5931-3					
	284	-4					
	285	-5					
	286	WG377752-1					
	287	-2					
	288	-3					
	289	SS5881-24					
	290	-25					16 analytes↑; 1 analyte↓ RR window and everything after it.

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN252587
SSB	PFC0712	Mobile Phase B	PFR0757

REVIEWED BY: _____
DATE: _____

KATAHDIN ANALYTICAL SERVICES LLC

PFAS LCMS Runlog

Instrument ID: LCMS-2

Method (Circle): E533 E537.1 (1633) MOD

Column Start Date: 10/9/25

KOBU 10/10/25

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10/10/25	2LC04318	SSB PFC0712	WG377753-32	1633100925	OBU/ASC	N	
10-10-25	2LC04318	MeOH	WG377859	1633 10-10-25	ASC	N	
	319	SSB	-10			Y	PFC0712
	320	CAL 8 (low level)	-8			Y	~~PFC0713~~ PFC0713 ASC 10-11-25
	321	CAL 1	-1			Y	PFC0714
	322	CAL 2	-2			Y	PFC0715
	323	CAL 3	-3			Y	PFC0716
	324	CAL 4	-4			Y	PFC0717
	325	CAL 5	-5			Y	PFC0718
	326	CAL 6	-6			Y	PFC0719
	327	CAL 7	-7			Y	PFC0720
	328	SSB	-11			Y	
	329	IND	-9			Y	PFC0721
	330	SSB	-12			Y	
	331	CCV 1	-13			Y	PFC0714
	332	CCV 8	-14			Y	PFC0713
	333	CCV 4	-15			Y	
	334	TDCA				Y	PFC0722
	335	SSB	-16			Y	
	336	WG377754-1RA				Y	
	337	-2RA				Y	
	338	-3RA				Y	
	339	-4RA				Y	
	340	-5RA				Y	
	341	SS58886-1				Y	
	342	-2				Y	

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN252587
SSB	PFC0712	Mobile Phase B	MFR0757

REVIEWED BY: _____

DATE: _____

KATAHDIN ANALYTICAL SERVICES LLC
PFAS LCMS Runlog

Instrument ID: LCMS-2
Method (Circle): E533 E537.1 (1633) MOD
Column Start Date: 10-09-25

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10-10-25	21C04343	SS5886-3	WG377859	1633 10-10-25	ASC	Y	
	344	SS5801-15RERA				N	Not needed
	345	SS5931-3RA				Y	
	346	-4RA				Y	
	347	-5RA				Y	
	348	WG377752-1RA				Y	
	349	-2RA				Y	
	350	-3RA				Y	
	351	SS5881-24				Y	
	352	CCV4	-17			Y	
	353	SSB	-18			Y	
	354	SS5881-25				Y	
	355	SS5929-19				Y	
	356	SS5931-1				Y	
	357	SS5846-4				Y	
	358	-5				Y	
	359	SS5848-1				Y	
	360	-2				Y	
	361	SS5881-1				Y	
✓	362	-2				Y	
	363	-3				Y	
	364	CCV4	-19			Y	
	365	SSB	-20			Y	
	366	CCV1	-21			Y	PFC0714
	367	CCV8	-22			Y	PFC0713
	368	CCV4	-23			Y	

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN 252588
SSB	PFC0712	Mobile Phase B	PFR0757

REVIEWED BY: _____
DATE: _____
ID 252587 ASC 10-11-25

KATAHDIN ANALYTICAL SERVICES LLC
PFAS LCMS Runlog

Instrument ID: LCMS-2
Method (Circle): E533 E537.1 (1633) MOD
Column Start Date: 10-09-25

*ASC 10-10-25 11

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10-10-25	21C0[illegible]369	TDCA	WG377859	1633 10-10-25	ASC	Y	PFC0722
	370	SSB	-24			Y	
	371	SS5881-4				Y	
	372	-5				Y	
10-11-25	373	-6				Y	
	374	-7				Y	
	375	-8				Y	
	376	SS5847-2RA				Y	report both
	377	-9RA				N	
	378	WG377832-1				Y	
	379	-2				Y	
	380	-3				Y	
	381	-4				Y	
	382	-5				Y	
	383	SS5929-10					
	384	CCV 4	-25			Y	
	385	SSB	-26			Y	
	386	SS5929-11					
	387	-12					
	388	-13					
	389	-14					
	390	-15					
	391	-16					
	392	-17					
	393	-18					
	394	SS5847-2RE				Y	report both

Standard	STD ID	Mobile Phase	STD ID
CCV 4	PFC0717	Mobile Phase A	ACN 252587
SSB	PFC0712	Mobile Phase B	PFR0757

REVIEWED BY: _____
DATE: _____

[redacted]

KATAHDIN ANALYTICAL SERVICES LLC
PFAS LCMS Runlog

Instrument ID: LCMS-2
Method (Circle): E533 E537.1 (1633) MOD
Column Start Date: 10-09-25

DATE	RESULT FILE	SAMPLE	WORKGROUP	METHOD	ANALYST	Y/N	COMMENTS
10-11-25	21004395	SS5847-9RE	WG377859	1633 10-10-25	ASC	Y	
↓	↓ 396	CCV4	↓ -27		↓	Y	NFDHA?
↓	↓ 397	SSB	↓ -28	↓	↓	Y	

Setup Report

LCMS-1

Summary

Instrument Serial Number: WCA0156

Setup Performed: Sep 04, 2025 12:54:28 (-04:00)

Setup Result: Pass

Check Performed: Sep 04, 2025 13:28:02 (-04:00)

Check Result: Pass

MS1: The instrument is calibrated from 2 - 2048 Da up to a scan speed of 2000 Da/s

MS2: The instrument is calibrated from 2 - 2048 Da up to a scan speed of 20000 Da/s

Instrument Setup

Resolution Setup MS1

Unit Resolution (0.70 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.221	0.69	9.82e+008	Pass
556.277	556.399	0.78	3.67e+007	Pass
1121.998	1122.227	0.69	9.38e+006	Pass
2017.599	2017.673	0.75	2.96e+007	Pass

Unit Resolution (0.70 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.161	0.71	1.86e+008	Pass
514.284	514.407	0.73	4.64e+007	Pass
1165.987	1166.189	0.65	9.23e+006	Pass
1865.943	1866.007	0.77	1.96e+007	Pass

High Resolution (0.50 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.293	0.51	9.74e+008	Pass
556.277	556.446	0.57	8.24e+007	Pass
1121.998	1122.291	0.52	5.04e+006	Pass
2017.599	2017.727	0.58	1.51e+007	Pass

High Resolution (0.50 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.225	0.52	1.37e+008	Pass
514.284	514.468	0.55	3.49e+007	Pass
1165.987	1166.241	0.51	7.08e+006	Pass
1865.943	1866.064	0.62	1.40e+007	Pass

Resolution Setup MS2

Unit Resolution (0.70 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.148	0.71	8.37e+008	Pass
556.277	556.277	0.76	5.19e+007	Pass
1121.998	1122.121	0.76	7.03e+006	Pass
2017.599	2017.665	0.76	1.97e+007	Pass

Unit Resolution (0.70 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.072	0.70	4.30e+007	Pass
514.284	514.288	0.76	1.18e+007	Pass
1165.987	1166.111	0.68	2.23e+006	Pass
1865.943	1866.014	0.74	2.97e+006	Pass

High Resolution (0.50 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.239	0.49	9.31e+008	Pass
556.277	556.376	0.55	3.69e+007	Pass
1121.998	1122.201	0.47	5.65e+006	Pass
2017.599	2017.754	0.56	1.55e+007	Pass

High Resolution (0.50 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.121	0.52	4.44e+007	Pass
514.284	514.343	0.59	1.13e+007	Pass
1165.987	1166.147	0.57	2.06e+006	Pass
1865.943	1866.061	0.63	2.63e+006	Pass

Calibration

MS1

Reference (Da)	Measured (Da)	Mass Error (Da)	Result
42.034	42.092	0.058	Pass
74.097	74.183	0.086	Pass
203.053	203.248	0.195	Pass
311.081	311.217	0.136	Pass
455.291	455.501	0.210	Pass
556.277	556.436	0.159	Pass
649.219	649.355	0.136	Pass
811.272	811.536	0.264	Pass
973.325	973.561	0.236	Pass
1121.998	1122.252	0.255	Pass
1221.991	1222.212	0.220	Pass
1421.978	1422.172	0.193	Pass
1621.966	1622.120	0.155	Pass
1821.953	1822.045	0.092	Pass
2017.599	2017.687	0.087	Pass

MS2

Reference (Da)	Measured (Da)	Mass Error (Da)	Result
42.034	42.074	0.040	Pass
74.097	74.093	0.004	Pass
203.053	203.108	0.055	Pass
311.081	311.154	0.072	Pass
455.291	455.402	0.111	Pass
556.277	556.339	0.062	Pass
649.219	649.248	0.029	Pass
811.272	811.432	0.161	Pass
973.325	973.441	0.116	Pass
1121.998	1122.164	0.166	Pass
1221.991	1222.113	0.121	Pass
1421.978	1422.105	0.126	Pass
1621.966	1622.063	0.097	Pass
1821.953	1822.018	0.065	Pass
2017.599	2017.677	0.077	Pass

Instrument Setup Check

Resolution MS1 - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.096	0.72	3.84e+009	Pass
556.277	556.345	0.73	1.39e+008	Pass
1121.998	1122.146	0.69	3.79e+007	Pass
2017.599	2017.661	0.73	1.26e+008	Pass

Resolution MS1 - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.055	0.72	4.37e+008	Pass
514.284	514.303	0.72	1.38e+008	Pass
1165.987	1166.004	0.67	2.02e+007	Pass
1865.943	1865.931	0.77	5.90e+007	Pass

Resolution MS2 - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.125	0.72	1.11e+009	Pass
556.277	556.314	0.76	6.19e+007	Pass
1121.998	1122.104	0.71	1.49e+007	Pass
2017.599	2017.659	0.74	3.70e+007	Pass

Resolution MS2 - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.008	0.70	8.55e+007	Pass
514.284	514.263	0.73	2.21e+007	Pass
1165.987	1166.047	0.70	3.81e+006	Pass
1865.943	1866.000	0.72	5.27e+006	Pass

Setup Report

Summary

Instrument Serial Number: WCA0155

LCMS-02

Setup Performed: Oct 08, 2025 12:41:52 (-04:00)

Setup Result: Pass

Check Performed: Oct 08, 2025 14:08:14 (-04:00)

Check Result: Pass

MS1: The instrument is calibrated from 2 - 2048 Da up to a scan speed of 2000 Da/s

MS2: The instrument is calibrated from 2 - 2048 Da up to a scan speed of 20000 Da/s

Instrument Setup

Resolution Setup MS1

Unit Resolution (0.70 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.207	0.69	4.18e+009	Pass
556.277	556.405	0.75	8.85e+008	Pass
1121.998	1122.256	0.70	1.20e+008	Pass
2017.599	2017.644	0.79	3.01e+008	Pass

Unit Resolution (0.70 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.178	0.72	1.31e+009	Pass
514.284	514.407	0.76	4.78e+008	Pass
1165.987	1166.176	0.70	2.31e+007	Pass
1865.943	1865.938	0.72	4.76e+007	Pass

High Resolution (0.50 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.280	0.52	4.08e+009	Pass
556.277	556.476	0.56	7.98e+008	Pass
1121.998	1122.317	0.48	1.00e+008	Pass
2017.599	2017.712	0.61	2.39e+008	Pass

High Resolution (0.50 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.243	0.50	1.34e+009	Pass
514.284	514.478	0.50	4.17e+008	Pass
1165.987	1166.253	0.44	1.79e+007	Pass
1865.943	1866.016	0.52	2.91e+007	Pass

Resolution Setup MS2

Unit Resolution (0.70 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.179	0.69	3.87e+009	Pass
556.277	556.266	0.76	2.59e+008	Pass
1121.998	1122.110	0.72	3.54e+007	Pass
2017.599	2017.672	0.77	1.07e+008	Pass

Unit Resolution (0.70 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.081	0.69	4.55e+008	Pass
514.284	514.265	0.78	1.40e+008	Pass
1165.987	1166.101	0.70	1.43e+007	Pass
1865.943	1866.008	0.73	3.73e+007	Pass

High Resolution (0.50 Da) - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.241	0.50	4.27e+009	Pass
556.277	556.339	0.54	2.09e+008	Pass
1121.998	1122.186	0.51	2.43e+007	Pass
2017.599	2017.733	0.56	5.90e+007	Pass

High Resolution (0.50 Da) - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.142	0.50	3.62e+008	Pass
514.284	514.333	0.54	1.17e+008	Pass
1165.987	1166.164	0.56	9.87e+006	Pass
1865.943	1866.082	0.55	2.59e+007	Pass

Calibration

MS1

Reference (Da)	Measured (Da)	Mass Error (Da)	Result
42.034	42.094	0.060	Pass
74.097	74.183	0.086	Pass
203.053	203.262	0.208	Pass
311.081	311.223	0.142	Pass
455.291	455.507	0.216	Pass
556.277	556.465	0.188	Pass
649.219	649.398	0.179	Pass
811.272	811.581	0.309	Pass
973.325	973.597	0.272	Pass
1121.998	1122.298	0.300	Pass
1221.991	1222.252	0.261	Pass
1421.978	1422.204	0.225	Pass
1621.966	1622.141	0.175	Pass
1821.953	1822.039	0.086	Pass
2017.599	2017.646	0.047	Pass

MS2

Reference (Da)	Measured (Da)	Mass Error (Da)	Result
42.034	42.051	0.016	Pass
74.097	74.165	0.068	Pass
203.053	203.104	0.051	Pass
311.081	311.135	0.053	Pass
455.291	455.326	0.035	Pass
556.277	556.281	0.003	Pass
649.219	649.205	0.015	Pass
811.272	811.362	0.090	Pass
973.325	973.392	0.067	Pass
1121.998	1122.108	0.110	Pass
1221.991	1222.074	0.083	Pass
1421.978	1422.037	0.059	Pass
1621.966	1622.031	0.065	Pass
1821.953	1821.986	0.033	Pass
2017.599	2017.661	0.062	Pass

Instrument Setup Check

Resolution MS1 - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.148	0.73	4.21e+009	Pass
556.277	556.355	0.72	1.08e+009	Pass
1121.998	1122.239	0.61	1.76e+008	Pass
2017.599	2017.774	0.67	1.91e+008	Pass

Resolution MS1 - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	178.978	0.71	1.86e+009	Pass
514.284	514.258	0.70	9.10e+008	Pass
1165.987	1166.041	0.64	4.15e+007	Pass
1865.943	1865.823	0.68	7.15e+007	Pass

Resolution MS2 - Positive Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
74.097	74.129	0.72	2.30e+009	Pass
556.277	556.267	0.74	3.27e+008	Pass
1121.998	1122.136	0.71	6.21e+007	Pass
2017.599	2017.836	0.65	8.90e+007	Pass

Resolution MS2 - Negative Polarity

Reference (Da)	Measured (Da)	FWHM (Da)	Intensity	Result
179.056	179.017	0.71	4.44e+008	Pass
514.284	514.222	0.79	1.94e+008	Pass
1165.987	1166.097	0.66	1.63e+007	Pass
1865.943	1866.134	0.65	3.69e+007	Pass

KATAHDIN ANALYTICAL SERVICES
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC 0013				
Prep Date: 4-21-23	CP0024	0.0117g	Neat	F.V 20mL
Initials: AC	TUCA			MeOH P031797
Exp. Date: 4-21-24				
				TOCA
				RT marker only
ID#: PFC 0014				
Prep Date: 4-21-23	PFS0042	500uL	1000ng/mL	F.V.
Initials: AC				5mL
Exp. Date: 10-21-23	PFS0032	10uL	50ug/mL	MeOH P031797
537Mod	PFS0033	10uL	50ug/mL	F.C. 100ng/mL
LCS/IND				
ID#: PFC 0015				
Prep Date: 4-26-23	PFS0012	250uL	2000ng/mL	FV 5mL
Initials: AC	MXF		2	MeOH-P031797
Exp. Date: ~~10~~-26-23	PFS0015	125uL	~~4~~ 20ug/mL	
	MXG			
1683A	PFS0013	125uL	1→4ug/mL	F.C. Varies
	MXH			
	PFS0016	125uL	1+10ug/mL	
	MXI			
ID#: PFC 0016				
Prep Date: 4-26-23	PFS0014	125uL	4+20ug/mL	FV 5mL
Initials: AC	MXJ			MeOH-P031797
Exp. Date: 10-26-23				
				AC F.C. ~~1+5~~
1633B				100+500ng/mL

Reviewed by/Date: _____

KATAHDIN ANALYTICAL SERVICES
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC 0552	1633/MOD IS PFS0218	4 mL	varies	F.V. 1mL
Prep Date: 5/28/25	1633/MOD EIS PFS0237	4 mL	↓	
Initials: AN	low STK PFC0522 ASC 06-12-25	10 mL	↓	
Exp. Date: 6/27/25	dilutant PFR0563	982 mL		
1633 Cal 8 (low level)				
ID#: PFC 0553	1633/MOD IS PFS0218	4 µL	varies	F.V. 1mL
Prep Date: 5/28/25	1633/MOD EIS PFS0237	4 µL	↓	
Initials: AN	1633 IND mid 2 PFC0528	25 µL		
Exp. Date: 6/27/25	dilutant PFR0563	967 µL		
1633 IND 2				
ID#: PFC 0554	1633 STK PFS0249	50 mL	varies	FV 500mL
Prep Date: 5/28/25	MeOH 251240	450 mL		
Initials: AN				
Exp. Date: 5/24/26				
mid stock 1633				
ID#: PFC 0555	1633/MOD IS PFS0218	4 µL	varies	FV. 1mL
Prep Date: 5/28/25	1633/MOD EIS PFS0237	4 µL	↓	
Initials: AN	mid stock PFC0554	8 µL	↓	
Exp. Date: 6/27/25	dilutant PFR0563	984 µL		
1633 Cal 1				

Reviewed by/Date: ASC 06-03-25

KATAHDIN ANALYTICAL SERVICES
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC0588				
Prep Date: 06-27-25	PFC0587	50 µL	500 µg/mL	F.V. 0.5mL
Initials: ASC				MeOH 252318
Exp. Date: 07-25-25				*ASC 06-27-25
537 MOD				
Mix B				
ID#: PFC0589				
Prep Date: 06-27-25	PFS0221	5 µL	Vanes	F.V. 1mL
Initials: ASC			↓	PFR0596
Exp. Date: 07-25-25	PFS0240	5 µL	↓	
	PFC0494	25 µL	↓	*ASC 06-27-25
MOD Cal	PFC0587	Vanes (see SOP)	↓	
Series		↓	↓	
	PFC0588	↓	↓	
ID#: PFC0590				
Prep Date: 06-27-25	PFC0554	50 µL	Vanes	F.V. 0.5mL
Initials: ASC				450 µL MeOH
Exp. Date: 12 *ASC 06-27-25 07-27-25				252318
1633 low				
level stock				
ID#: PFC0591				
Prep Date: 06-27-25	PFS0221	4 µL	Vanes	F.V. 1mL
Initials: ASC			↓	982 µL
Exp. Date: 07-27-25	PFS0240	4 µL	↓	PFR0596
			↓	
1633 CAL 8	PFC0590	10 µL	↓	

Reviewed by/Date: ASC 06-27-25

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC 0710				
Prep Date: 10/1/25	PFS0356	5UL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	5UL		986UL
				PFR0751
537M TICA	PFC0013	6UL		
ID#: PFC 0711				
Prep Date: 10/1/25	PFS0366	50UL	Varies	FV 0.5mL
Initials: DBV				MeOH
Exp. Date: 2/1/26				253452
1633 Mid Stock				
ID#: PFC 0712				
Prep Date: 10/1/25	PFS0356	4UL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	4UL		992UL
				PFR0751
1633SSB				
ID#: PFC 0713				
Prep Date: 10/1/25	PFS0356	4UL	Varies	FV 1mL
Initials: 11/1/25 DBV				
Exp. Date:	PFS0347	4UL		982UL
				PFR0751
1633Cal 8	PFC0590	10UL		

Reviewed by/Date: ASC 10-10-25

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC 0714				
Prep Date: 10/1/25	PFS0356	40uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	40uL		984uL
				PFR0751
1633Cal1	PFC0711	8uL		
ID#: PFC 0715				
Prep Date: 10/1/25	PFS0356	40uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	40uL		972uL
				PFR0751
1633Cal2	PFC0711	20uL		
ID#: PFC 0716				
Prep Date: 10/1/25	PFS0356	40uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	40uL		942uL
				PFR0751
1633Cal3	PFC0711	50uL		
ID#: PFC 0717				
Prep Date: 10/1/25	PFS0356	40uL	Varies	FV1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	40uL		982uL
				PFR0751
1633Cal4	PFS0306	100uL		

Reviewed by/Date: ASL 10-10-25

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC 0718				
Prep Date: 10/1/25	PFS0356	4uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	4uL		972uL
				PFR0751
1633 Cal 5	PFS0360	20uL		
ID#: PFC 0719				
Prep Date: 10/1/25	PFS0356	4uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	4uL		942uL
				PFR0751
1633 Cal 6	PFS0360	50uL		
ID#: PFC 0720				
Prep Date: 10/1/25	PFS0356	4uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	4uL		742uL
				PFR0751
1633 Cal 7	PFS0360	250uL		
ID#: PFC 0721				
Prep Date: 10/1/25	PFS0356	4uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	4uL		987uL
				PFR0751
1633 Independent	PFS0303	5uL		

Reviewed by/Date: ASC 10-10-25

SGS NORTH AMERICA, INC. - SCARBOROUGH
PFAS STANDARDS PREPARATION LOGBOOK

PREP INFO	STOCK NAME	AMT ADDED	STOCK CONC.	STOCK ID#
ID#: PFC 0722				
Prep Date: 10/1/25	PFS0356	40uL	Varies	FV 1mL
Initials: DBV				
Exp. Date: 11/1/25	PFS0347	40uL		960uL
				PFR0751
1633 TDCA	PFC0013	40uL		
ID#: PFC 0723				
Prep Date: 10/3/25	PFS0356	50uL	Varies	FV: 1mL
Initials: DBV				965uL
Exp. Date: 11/1/25	PFS0347	50uL		PFR0751
537M Independent	PFC0627	25uL		
ID#: PFC 0724				
Prep Date: 10/3/25	PFS0259	250uL	Varies	FV: 0.5mL
Initials: DBV				
Exp. Date: 1/3/26	PFC0596	250uL		
537M Mix A				
ID#: PFC 0725				
Prep Date: 10/3/25	PFC0724	50uL	Varies	FV: 0.5mL
Initials: DBV				MeOH
Exp. Date: 1/3/26				253542
537M Mix B				

Reviewed by/Date: ASC 10-10-25

KATAHDIN ANALYTICAL SERVICES

STOCK STANDARDS RECEIVED

PFAS LABORATORY

REVIEWED BY/DATE: SD 12-16-24

Standard Identification PFS0205	Catalog #: UL-M-10721-S	Vendor: Cambridge Isotope Lab.	Date & Rec'd By: 11-26-24
	Std Name: Perf. Acid (90%-CP)		SD
	Concentration: 50.0±0.3 µg/mL	Lot#: SECD-007	
COA ✓	Expiration: 05-05-27		
Standard Identification PFS0206	Catalog #: 186010263	Vendor: Waters	Date & Rec'd By: 11-07-24
	Std Name: Waters Connect ~~Setup~~ Solution Setup SD 11-07-24		SD
	Concentration: Varies	Lot#: W03092412	
COA ✓	Expiration: 03-03-25		
Standard Identification PFS0207	Catalog #: 186010263	Vendor: Waters	Date & Rec'd By: 11-07-24
	Std Name: Waters Connect ~~Setup~~ Solution SD 11-07-24		SD
	Concentration: Varies	Lot#: W03092412	
COA ✓	Expiration: 03-03-25 ~~186010263 SD 11-07-24~~		
Standard Identification PFS0208,9,10,11,12, 13,14,15,16,17,18,19, 20,21,22,23,24,25,26,27	Catalog #: MPFAC-H1F-IS	Vendor: Wellington	Date & Rec'd By: 11-08-24
	Std Name: 16331MOD IS		SD
	Concentration: 250-1000 ng/mL	Lot#: MPFACH1FIS1024	
COA ✓	Expiration: 10-18-29		
Standard Identification ~~PFS0227,28,29,30,31,32, 33,34,35,36,37,38,39, 40,41,42,43,44,45,46~~ X	Catalog #: MPFAC-H1F-ES	Vendor: Wellington	Date & Rec'd By: 11-08-24
	Std Name: 16331MOD ES		SD
	Concentration: 250-5000 ng/mL	Lot#: MPFACH1FES0924	
COA ✓	Expiration: 09-26-28		
Standard Identification PFS0248-53	Catalog #: EPA-16331STK	Vendor: Wellington	Date & Rec'd By: 12-18-24
	Std Name: 16331STK		SD/AN
	Concentration: 250-6250 ng/mL	Lot#: 16331STK1024	
COA ✓	Expiration: 07/02/27		

~~X~~SD 11-08-24 28,29-47

KATAHDIN ANALYTICAL SERVICES

STOCK STANDARDS RECEIVED

PFAS LABORATORY

REVIEWED BY/DATE:

Standard Identification	Catalog #: PFAC30PAR	Vendor: Wellington	Date & Rec'd By: 5/27/25 AN
PFS0299	Std Name: Precision + Recovery Standard Solution		
	Concentration: 1000ng/mL	Lot#: PFAC300425	
	Expiration: 3/31/29		
Standard Identification	Catalog #: M-537.1	Vendor: Accustandard	Date & Rec'd By: 6/18/25 AN
PFS0300	Std Name: EPA 537.1 method standard		
COA ✓	Concentration: 2ug/mL	Lot#: 225031460	
	Expiration: 5/7/27		
Standard Identification	Catalog #: M-533	Vendor: Accustandard	Date & Rec'd By: 6/18/25 AN
AN 6/18/25 PFS~~0300~~0301, 02	Std Name: PFAS in drinking water standard		
COA ✓	Concentration: 2ug/mL	Lot#: 225061141	
	Expiration: 7/16/27		
Standard Identification	Catalog #: ES-5667	Vendor: Cambridge Isotope Laboratories	Date & Rec'd By: 6/24/25 AN
PFS0303, 04	Std Name: PFAS 40 multiclass Native Standard Solution (1633 IND)		
COA ✓	Concentration:	Lot#: B0004436	
	Expiration: 2/6/29		
Standard Identification	Catalog #: EPA-1633STK	Vendor: Wellington	Date & Rec'd By: 7/3/25 AN
PFS0305, 06, 07, ~~08, 09, 10,~~	Std Name: 1633/MOD STK		
~~11, 12, 13~~ AN 7/3/25	Concentration: 250-1000ng/mL	Lot#: 1633STK0625	
COA ✓	Expiration: 6/11/29		
Standard Identification	Catalog #: MPFAC-HIF-IS	Vendor: Wellington	Date & Rec'd By: 7/3/25 AN
PFS0314, 15, 16, 17, 18,	Std Name: 1633 IS		
19, 20	Concentration: 250-1000ng/mL	Lot#: MPFACHIFIS0425	
COA ✓	Expiration: 4/29/30		

KATAHDIN ANALYTICAL SERVICES

STOCK STANDARDS RECEIVED

PFAS LABORATORY

REVIEWED BY/DATE: AC 8-26-25

Standard Identification	Catalog #: MPFAC-HIF-ES	Vendor: Wellington	Date & Rec'd By: 7/3/25 AN
PFS0321, 22, 23, 24, 25, 26, 27	Std Name: 1633/MOD EIS		
	Concentration: 250-5000 ng/mL	Lot#: MPFACHIFES0525	
COA ✓	Expiration: 5/28/29		
Standard Identification	Catalog #: MPFAC-HIF-IS	Vendor: Wellington	Date & Rec'd By: 08/07/25
PFS0328 - PFS0334	Std Name: 1633/MOD IS		ASC
	Concentration: 250-1000 ng/mL	Lot#: MPFACHIFIS0425	
COA ✓	Expiration: 04-29-30		
Standard Identification	Catalog #: MPFAC-HIF-ES	Vendor: Wellington	Date & Rec'd By: 08-07-25
PFS0335 - 0341	Std Name: 1633/MOD EIS		ASC
	Concentration: 250-5000 ng/mL	Lot#: MPFACHIFES0525	
COA ✓	Expiration: 5-28-29		
Standard Identification	Catalog #: MPAC-HIF-IS	Vendor: Wellington	Date & Rec'd By: 8-22-25
PFS0342-0353	Std Name: 1633/MOD IS		AN/CG
	Concentration: 250-1000 ng/mL	Lot#: MPFAC-HIF-IS 0825	
COA ✓	Expiration: 8-5-30		
Standard Identification	Catalog #: MPFAC-HIF-ES	Vendor: Wellington	Date & Rec'd By: 8-22-25
PFS0354-0364	Std Name: 1633/MOD EIS		AN/CG
	Concentration: 250-5000 ng/mL	Lot#: MPFACHIFES0825	
COA ✓	Expiration: 8-12-29		
Standard Identification PFS0365-367	Catalog #: EPA-1633STK	Vendor: Wellington	Date & Rec'd By: 8-7-25
	Std Name: 1633STK		AN
	Concentration: 250-6250 ng/mL	Lot#: 1633STK0625	
COA ✓	Expiration: 6-11-29		

KATAHDIN ANALYTICAL SERVICES

STOCK STANDARDS RECEIVED

PFAS LABORATORY

REVIEWED BY/DATE: ASC 10-13-25

Standard Identification	Catalog #:	Vendor:	Date & Rec'd By:
	30734	Restek	AN
PFS0368-0369	Std Name: PFAS 28 Cal Standard		
	Concentration: 1 ug/mL	Lot#: 102224	
	Expiration: 10/22/29		
Standard Identification	Catalog #: CLM-11757-S ~~+Z~~	Vendor: Cambridge	Date & Rec'd By: ASC 10-01-25
PFS0370,71	Std Name: PFTrDA		
	Concentration: 50.0 ± 0.2 ug/mL	Lot#: B005865	*ASC 10-01-25
	Expiration: 08-20-28		
Standard Identification	Catalog #: ES-5610-A	Vendor: Cambridge	Date & Rec'd By: ASC
PFS0372,73	Std Name: 537.1 ISPDS		10-01-25
	Concentration: Varied (see CoA)	Lot#: B002887	
	Expiration: 01-13-30		
Standard Identification	Catalog #: ES-5632-A	Vendor: Cambridge	Date & Rec'd By: ASC 10-01-25
PFS0374,75	Std Name: 537.1 Sur PDS		
	Concentration: Varies (see CoA)	Lot#: B005205	
	Expiration: 09-07-30		
Standard Identification	Catalog #: ES-5631-A	Vendor: Cambridge	Date & Rec'd By: ASC 10-01-25
PFS0376,77	Std Name: 537.1 PDS		
	Concentration: Varies (see CoA)	Lot#: PR-34070	
	Expiration:		
Standard Identification	Catalog #: MPFAC-HIF-ES	Vendor: Wellington	Date & Rec'd By: CRG 10-2-25
PFS0378-~~0379~~0380	Std Name: CRG 10-2-25 1633/MOD EIS		
	Concentration: 250-5000 ng/mL	Lot#: MPFACHIFES0825	
	Expiration: 8/12/29		

KATAHDIN ANALYTICAL SERVICES

STOCK STANDARDS RECEIVED

PFAS LABORATORY

REVIEWED BY/DATE:

Standard Identification	Catalog #: MPFAC-HIF-IS	Vendor: Wellington	Date & Rec'd By: CRG 10-2-25
PFS0381-383	Std Name: 1633/MOD IS		
	Concentration: 250-1000 ng/mL	Lot#: MPFACHIFIS0925	
	Expiration: 9-29-30		
Standard Identification	Catalog #: EPA-1633STK	Vendor: Wellington	Date & Rec'd By: CRG 10-2-25
PFS0384-387	Std Name: 1633/MOD STK		
	Concentration: 250-6250 ng/mL	Lot#: 1633STK0625	
	Expiration: 6-11-29		
Standard Identification	Catalog #:	Vendor:	Date & Rec'd By:
	Std Name:		
	Concentration:	Lot#:	
	Expiration:		
Standard Identification	Catalog #:	Vendor:	Date & Rec'd By:
	Std Name:		
	Concentration:	Lot#:	
	Expiration:		
Standard Identification	Catalog #:	Vendor:	Date & Rec'd By:
	Std Name:		
	Concentration:	Lot#:	
	Expiration:		
Standard Identification	Catalog #:	Vendor:	Date & Rec'd By:
	Std Name:		
	Concentration:	Lot#:	
	Expiration:		

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

EPA-1633STK

PFS0248-53

U.S. EPA Method 1633
Native PFAS Stock Solution/Mixture

PRODUCT CODE:	EPA-1633STK
LOT NUMBER:	1633STK0624
SOLVENT(S):	Methanol/Isopropanol (0.5%)/Water (<1%)
DATE PREPARED: (mm/dd/yyyy)	06/25/2024
LAST TESTED: (mm/dd/yyyy)	07/02/2024
EXPIRY DATE: (mm/dd/yyyy)	07/02/2027
RECOMMENDED STORAGE:	Refrigerate ampoule

DESCRIPTION:

EPA-1633STK is a solution/mixture of native perfluoroalkylcarboxylic acids (C_4-C_7, C_{10}-C_{14} linear; C_8 and C_9 linear and branched), perfluoroalkanesulfonates (C_4, C_5, C_7, C_9, C_{10}, and C_{12} linear; C_6 and C_8 linear and branched), fluorotelomer sulfonates (4:2, 6:2, and 8:2), perfluorooctanesulfonamides (linear and branched), perfluorooctanesulfonamidoacetic acids (linear and branched), perfluorooctanesulfonamidoethanols (linear and branched), hexafluoropropylene oxide dimer acid (GenX, HFPO-DA), sodium dodecafluoro-3H-4,8-dioxanonanoate (NaDONA), perfluoroalkyl ether carboxylic acids (PF4OPeA, PF5OHxA, and 3,6-OPFHpA), the major and minor components of F-53B (9Cl-PF3ONS and 11Cl-PF3OUdS), a perfluoroalkyl ether sulfonate (PFEESA), and fluorotelomer carboxylic acids. The components and their concentrations are given in Table A.

The individual components of this mixture all have chemical purities of >98%.

DOCUMENTATION/ DATA ATTACHED:

Table A: Components and Concentrations of the Solution/Mixture
Table B: Isomeric Composition of PFOA
Table C: Isomeric Composition of PFNA
Table D: Isomeric Composition of FOSA
Table E: Isomeric Composition of N-MeFOSA
Table F: Isomeric Composition of N-EtFOSA
Table G: Isomeric Composition of N-MeFOSAA
Table H: Isomeric Composition of N-EtFOSAA
Table I: Isomeric Composition of N-MeFOSE
Table J: Isomeric Composition of N-EtFOSE
Table K: Isomeric Composition of PFHxSK
Table L: Isomeric Composition of PFOSK
Figure 1: LC/MS Data (SIR)
Figure 2: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acids to their respective methyl esters.

FOR LABORATORY USE ONLY: NOT FOR HUMAN OR DRUG USE

Wellington Laboratories Inc., 345 Southgate Dr. Guelph ON N1G 3M5 CANADA
519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

Table A: **EPA-1633STK; Components and Concentrations (ng/mL, ± 5% in methanol/isopropanol (0.5%)/water (<1%))**

Compound	Acronym	Concentration* (ng/mL)		Peak Assignment in Figure 1
Perfluoro-n-butanoic acid	PFBA	1000		1
Perfluoro-n-pentanoic acid	PFPeA	500		4
Perfluoro-n-hexanoic acid	PFHxA	250		10
Perfluoro-n-heptanoic acid	PFHpA	250		14
Perfluorooctanoic acid[a]	PFOA: linear isomer	250	166	20
	PFOA: ∑ branched isomers		84.3	18
Perfluorononanoic acid[b]	PFNA: linear isomer	250	163	24
	PFNA: ∑ branched isomers		86.8	22
Perfluoro-n-decanoic acid	PFDA	250		30
Perfluoro-n-undecanoic acid	PFUdA	250		37
Perfluoro-n-dodecanoic acid	PFDoA	250		40
Perfluoro-n-tridecanoic acid	PFTrDA	250		46
Perfluoro-n-tetradecanoic acid	PFTeDA	250		51
Perfluorooctanesulfonamide[c]	FOSA: linear isomer	250	167	35
	FOSA: ∑ branched isomers		84.0	34
N-Methylperfluorooctanesulfonamide[d]	N-MeFOSA: linear isomer	250	181	45
	N-MeFOSA: ∑ branched isomers		69.1	42
N-Ethylperfluorooctanesulfonamide[e]	N-EtFOSA: linear isomer	250	185	50
	N-EtFOSA: ∑ branched isomers		65.5	48
N-Methylperfluorooctanesulfonamidoacetic acid[f]	N-MeFOSAA: linear isomer	250	190	32
	N-MeFOSAA: ∑ branched isomers		60.0	29
N-Ethylperfluorooctanesulfonamidoacetic acid[g]	N-EtFOSAA: linear isomer	250	194	36
	N-EtFOSAA: ∑ branched isomers		56.3	33
2-(N-Methylperfluorooctanesulfonamido)ethanol[h]	N-MeFOSE: linear isomer	2500	1690	43
	N-MeFOSE: ∑ branched isomers		813	41
2-(N-Ethylperfluorooctanesulfonamido)ethanol[i]	N-EtFOSE: linear isomer	2500	1620	49
	N-EtFOSE: ∑ branched isomers		888	44
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	1000		12
Perfluoro-4-oxapentanoic acid	PF4OPeA	500		2
Perfluoro-5-oxahexanoic acid	PF5OHxA	500		5
Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA	500		9
3-Perfluoropropyl propanoic acid	FPrPA	1250		3
3-Perfluoropentyl propanoic acid	FPePA	6250		13
3-Perfluoroheptyl propanoic acid	FHpPA	6250		25

* Concentrations have been rounded to three significant figures.

[a] See Table B for percent composition of linear and branched PFOA isomers.
[b] See Table C for percent composition of linear and branched PFNA isomers.
[c] See Table D for percent composition of linear and branched FOSA isomers
[d] See Table E for percent composition of linear and branched N-MeFOSA isomers.
[e] See Table F for percent composition of linear and branched N-EtFOSA isomers.
[f] See Table G for percent composition of linear and branched N-MeFOSAA isomers.
[g] See Table H for percent composition of linear and branched N-EtFOSAA isomers.
[h] See Table I for percent composition of linear and branched N-MeFOSE isomers.
[i] See Table J for percent composition of linear and branched N-EtFOSE isomers.

Table A: **EPA-1633STK; Components and Concentrations (ng/mL, ± 5% in methanol/isopropanol (0.5%)/water (<1%))**

Compound	Acronym	Concentration* (ng/mL)			Peak Assignment in Figure 1
		as the salt		as the acid	
Potassium perfluoro-1-butanesulfonate	L-PFBS	250		222	6
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	250		235	11
Potassium perfluorohexanesulfonate[l]	PFHxSK: linear isomer	250	203	185	17
	PFHxSK: ∑ branched isomers		47.3	43.1	15
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	250		238	21
Potassium perfluorooctanesulfonate[k]	PFOSK: linear isomer	250	197	183	26
	PFOSK: ∑ branched isomers		52.8	49.0	23
Sodium perfluoro-1-nonanesulfonate	L-PFNS	250		240	31
Sodium perfluoro-1-decanesulfonate	L-PFDS	250		241	38
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	250		242	47
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	1000		937	8
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	1000		951	19
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	1000		960	27
Sodium dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	1000		945	16
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	1000		933	28
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	1000		943	39
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	500		446	7

* Concentrations have been rounded to three significant figures.

[l] See Table K for percent composition of linear and branched PFHxSK isomers.
[k] See Table L for percent composition of linear and branched PFOSK isomers.

Certified By: _____ **Date:** 07/02/2024 (mm/dd/yyyy)
B.G. Chittim, General Manager

Cambridge Isotope Laboratories, Inc.

Certificate of Analysis

PFS0303, 04

Product Description: PFAS 40 Multi-Class Native Standard Solution
Catalog Number: ES-5667
Lot Number: B000436
Solvent: Methanol (w/ 4 Molar Equivalents NaOH)
Storage Conditions: Store at room temperature away from light and moisture.
Intended Use: For Research Use Only. Not for use in diagnostic procedures.
Manufacturing Date: February 8, 2024
Retest Date: February 6, 2029

Component	Acronym	Target Conc (ng/mL)	Gravimetric Concentration of Salt ± Uncertainty, (k=2) (ng/mL)	Gravimetric Concentration of Free Acid ± Uncertainty (k=2) (ng/mL)	
Sodium perfluoro-n-butyric acid (unlabeled)	PFBA	2,000	2,205.6 ± 7.7	2,000.1 ± 7.7	
Sodium perfluoro-n-pentanoic acid (unlabeled)	PFPeA	1,000	1,083.4 ± 11.1	1,000.1 ± 11.1	
Sodium perfluoro-n-hexanoic acid (unlabeled)	PFHxA	500	535.0 ± 0.5	500.0 ± 0.5	
Perfluoro-n-heptanoic acid (unlabeled)	PFHpA	500	-	500.0 ± 5.1	
Perfluoro-n-octanoic acid (unlabeled)	PFOA	500	-	500.0 ± 5.3	
Perfluoro-n-nonanoic acid (unlabeled)	PFNA	500	-	500.0 ± 5.1	
Sodium perfluoro-n-decanoic acid (unlabeled)	PFDA	500	521.4 ± 5.3	500.0 ± 5.3	
Sodium perfluoro-n-undecanoic acid (unlabeled)	PFUA	500	519.5 ± 5.4	500.0 ± 5.4	
Sodium perfluoro-n-dodecanoic acid (unlabeled)	PFDoA	500	517.9 ± 5.3	500.0 ± 5.3	
Perfluoro-n-tridecanoic acid (unlabeled)	PFTrDA	500	-	500.0 ± 5.2	
Perfluoro-n-tetradecanoic acid (unlabeled)	PFTeDA	500	-	500.0 ± 9.5	
Potassium perfluoro-1-butanesulfonate (unlabeled)	PFBS	500	563.5 ± 1.7	500.0 ± 1.7	
Sodium perfluoro-1-pentanesulfonate (unlabeled)	PFPeS	500	531.4 ± 5.5	500.0 ± 5.5	
Potassium perfluorohexanesulfonate (unlabeled) (mix of isomers)	PFHxS linear isomer	500	547.6 ± 5.7	500.0 ± 5.7	437
	PFHxS Σ branched isomers				63.0
Sodium perfluoro-1-heptanesulfonate (unlabeled)	PFHpS	500	524.4 ± 0.4	500.0 ± 0.4	
Perfluorooctanesulfonate (unlabeled) (mix of isomers)	PFOS linear isomer	500	-	500.0 ± 1.1	443
	PFOS Σ branched isomers				57.5
Sodium perfluoro-1-nonanesulfonate (unlabeled)	PFNS	500	520.0 ± 0.8	500.0 ± 0.8	
Potassium perfluoro-1-decanesulfonate (unlabeled)	PFDS	500	531.7 ± 5.4	500.0 ± 5.4	
Potassium perfluoro-1-dodecanesulfonate (unlabeled)	PFDoDS	500	527.2 ± 1.7	500.0 ± 1.7	

(continued on next page)

Product Description: PFAS 40 Multi-Class Native Standard Solution
Catalog Number: ES-5667
Lot Number: B000436
Solvent: Methanol (w/ 4 Molar Equivalents NaOH)
Storage Conditions: Store at room temperature away from light and moisture.
Intended Use: For Research Use Only. Not for use in diagnostic procedures.
Manufacturing Date: February 8, 2024
Retest Date: February 6, 2029

Component	Acronym	Target Conc (ng/mL)	Gravimetric Concentration of Salt ± Uncertainty, (k=2) (ng/mL)	Gravimetric Concentration of Free Acid ± Uncertainty (k=2) (ng/mL)	
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate (unlabeled)	4:2 FTS	2,000	2,134.0 ± 22.7	2,000.0 ± 22.7	
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate (unlabeled)	6:2 FTS	2,000	2,102.7 ± 2.8	2,000.0 ± 2.8	
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate (unlabeled)	8:2 FTS	2,000	2,083.2 ± 21.4	2,000.0 ± 21.4	
Perfluorooctanesulfonamide (unlabeled) (mix of isomers)	PFOSA linear isomer	500	-	500.0 ± 1.4	483
	PFOSA Σ branched isomers				17.5
N-Methylperfluorooctanesulfonamide (unlabeled) (mix of isomers)	*N*-MeFOSA linear isomer	500	-	500.0 ± 1.5	491
	N-MeFOSA Σ branched isomers				9.5
N-Ethylperfluorooctanesulfonamide (unlabeled) (mix of isomers)	*N*-EtFOSA linear isomer	500	-	500.0 ± 2.2	463
	N-EtFOSA Σ branched isomers				37.0
N-Methylperfluorooctanesulfonamidoacetic acid (unlabeled) (mix of isomers)	*N*-MeFOSAA linear isomer	500	-	500.0 ± 1.1	377
	N-MeFOSAA Σ branched isomers				124
N-Ethylperfluorooctanesulfonamidoacetic acid (unlabeled) (mix of isomers)	*N*-EtFOSAA linear isomer	500	-	500.0 ± 1.1	362
	N-EtFOSAA Σ branched isomers				138
N-Methylperfluorooctanesulfonamidoethanol (unlabeled) (mixed isomers)	*N*-MeFOSE linear isomer	5,000	-	5,000.0 ± 16.4	4260
	N-MeFOSE Σ branched isomers				740
N-Ethylperfluorooctanesulfonamidoethanol (unlabeled) (mixed isomers)	*N*-EtFOSE linear isomer	5,000	-	5,000.1 ± 40.1	3940
	N-EtFOSE Σ branched isomers				1070
Sodium tetrafluoro-2-(heptafluoropropoxy) propanoic acid "GenX" (unlabeled)	HFPO-DA	2,000	2,133.2 ± 21.6	2,000.0 ± 21.6	
Dodecafluoro-3H-4,8-dioxanonanoic acid (unlabeled)	DONA	2,000	-	2,000.0 ± 5.9	
Perfluoro-3-methoxypropanoic acid (unlabeled)	PFMPA	1,000	-	1,000.0 ± 10.0	
Perfluoro-4-methoxybutanoic acid (unlabeled)	PFMBA	1,000	-	1,000.0 ± 10.2	

(continued on next page)

Cambridge Isotope Laboratories, Inc.

Certificate of Analysis

Product Description: PFAS 40 Multi-Class Native Standard Solution
Catalog Number: ES-5667
Lot Number: B000436
Solvent: Methanol (w/ 4 Molar Equivalents NaOH)
Storage Conditions: Store at room temperature away from light and moisture.
Intended Use: For Research Use Only. Not for use in diagnostic procedures.
Manufacturing Date: February 8, 2024
Retest Date: February 6, 2029

Component	Acronym	Target Conc (ng/mL)	Gravimetric Concentration of Salt ± Uncertainty, (k=2) (ng/mL)	Gravimetric Concentration of Free Acid ± Uncertainty (k=2) (ng/mL)	
Perfluoro-3,6-dioxaheptanoic acid (unlabeled)	PFDHA	1,000	-	1,000.0 ± 10.0	
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (F53B Major) (unlabeled)	9Cl-PF3ONS	2,000	2,143.0 ± 23.0	2,000.0 ± 23.0	
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (F53B Minor) (unlabeled)	11Cl-PF3OUdS	2,000	2,120.5 ± 21.5	2,000.0 ± 21.5	
Perfluoro(2-ethoxyethane) sulfonic acid (unlabeled)	PFEESA	1,000	-	1,000.0 ± 10.2	
2H,2H,3H,3H-Perfluorohexanoic acid (unlabeled)	3:3 FTCA	2,500	-	2,500.1 ± 7.1	
2H,2H,3H,3H-Perfluorooctanoic acid (unlabeled) CP 95%	5:3 FTCA	12,500	-	12,500.3 ± 38.1	
2H,2H,3H,3H-Perfluorodecanoic acid (unlabeled) (mix of isomers)	7:3 FTCA linear isomer	12,500	-	12,503.9 ± 34.0	12,100
	7:3 FTCA Σ branched isomers				388

Notes:

- Gravimetry is traceable to the NIST through calibrated balances and certified, calibrated, standard weights. The calibrations are traceable to the SI through NIST. The calibrations also meet specifications outlined in ISO 17034, ISO/IEC 17025, and applicable subdocuments.
- The calculation and reporting of uncertainty conforms to the practices outlined in the Eurachem/CITAC Guide. "Quantifying Uncertainty in Analytical Measurement", Second Edition.
- Linear (straight-chain) and branched isomer content was determined by 19F NMR spectroscopy and concentrations rounded to three significant figures.

Cambridge Isotope Laboratories certifies that this product meets the concentration specification stated above.

Authorized Signature: Sabrina Acevedo
Quality Review

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

MPFAC-HIF-IS

PFS0342-0353

Mass-Labelled PFAS Injection Standard Solution/Mixture

PRODUCT CODE:	MPFAC-HIF-IS
LOT NUMBER:	MPFACHIFIS0825
SOLVENT(S):	Methanol/Water (<1%)
DATE PREPARED: (mm/dd/yyyy)	08/01/2025
LAST TESTED: (mm/dd/yyyy)	08/05/2025
EXPIRY DATE: (mm/dd/yyyy)	08/05/2030
RECOMMENDED STORAGE:	Store ampoule in a cool, dark place

DESCRIPTION:

MPFAC-HIF-IS is a solution/mixture of mass-labelled (^{13}C) perfluoroalkylcarboxylic acids (C_4, C_6, C_8-C_{10}) and mass-labelled (^{18}O and ^{13}C) perfluoroalkanesulfonates (C_6 and C_8). The components and their concentrations are given in Table A.

The individual mass-labelled components all have chemical purities of >98% and isotopic purities of ≥99% per ^{13}C or >94% per ^{18}O.

DOCUMENTATION/ DATA ATTACHED:

Table A: Components and Concentrations of the Solution/Mixture
Figure 1: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acids to their respective methyl esters.

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519-822-2436 • Fax: 519-822-2849 • info@well-labs.com

Table A: **MPFAC-HIF-IS; Components and Concentrations (ng/mL, ± 5% in methanol/water (<1%))**

Compound	Acronym	CAS #	Concentration (ng/mL)	
Perfluoro-n-(2,3,4-$^{13}C_3$)butanoic acid	M3PFBA	2483735-33-5	1000	
Perfluoro-n-(1,2-$^{13}C_2$)hexanoic acid	MPFHxA	960315-47-3	500	
Perfluoro-n-(1,2,3,4-$^{13}C_4$)octanoic acid	MPFOA	960315-48-4	500	
Perfluoro-n-(1,2,3,4,5-$^{13}C_5$)nonanoic acid	MPFNA	960315-49-5	250	
Perfluoro-n-(1,2-$^{13}C_2$)decanoic acid	MPFDA	960315-50-8	250	
Compound	**Acronym**	**CAS #**	**Concentration* (ng/mL)**	
			as the salt	**as the acid**
Sodium perfluoro-1-hexane($^{18}O_2$)sulfonate	MPFHxS	1585941-14-5	500	474
Sodium perfluoro-1-(1,2,3,4-$^{13}C_4$)octanesulfonate	MPFOS	960315-53-1	500	479

* Concentrations have been rounded to three significant figures.

Certified By: _____ **Date:** 08/08/2025
(mm/dd/yyyy)
B.G. Chittim, General Manager

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PFS0354-0364

MPFAC-HIF-ES

U.S. EPA Method 1633 Mass-Labelled PFAS Extraction Standard Solution/Mixture

PRODUCT CODE:	MPFAC-HIF-ES
LOT NUMBER:	MPFACHIFES0825
SOLVENT(S):	Methanol/Isopropanol (1%)/Water (<1%)
DATE PREPARED: (mm/dd/yyyy)	08/11/2025
LAST TESTED: (mm/dd/yyyy)	08/12/2025
EXPIRY DATE: (mm/dd/yyyy)	08/12/2029
RECOMMENDED STORAGE:	Refrigerate ampoule

DESCRIPTION:

MPFAC-HIF-ES is a solution/mixture of mass-labelled (^{13}C) perfluoroalkylcarboxylic acids (C_4-C_{12}, C_{14}), mass-labelled (^{13}C) perfluoroalkanesulfonates (C_4, C_6, and C_8), mass-labelled (one ^{13}C and two ^{2}H) perfluoro-1-octanesulfonamides, mass-labelled (^{13}C) fluorotelomer sulfonates (4:2, 6:2, and 8:2), mass-labelled (^{2}H) perfluoro-1-octanesulfonamidoacetic acids, mass-labelled (^{2}H) perfluoro-1-octanesulfonamidoethanols, and mass-labelled (^{13}C) hexafluoropropylene oxide dimer acid ($^{13}C_3$-GenX, M3HFPO-DA). The components and their concentrations are given in Table A.

The individual ^{13}C-labelled components all have chemical purities >98% and isotopic purities of ≥99%. The individual ^{2}H-labelled components all have chemical purities >98% and isotopic purities of ≥98%.

DOCUMENTATION/ DATA ATTACHED:

Table A: Components and Concentrations of the Solution/Mixture
Figure 1: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acids to their respective methyl esters.

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Table A: **MPFAC-HIF-ES; Components and Concentrations (ng/mL, ± 5% in methanol/isopropanol (1%)/water (<1%))**

Compound	Acronym	CAS #	Concentration (ng/mL)
Perfluoro-n-($^{13}C_4$)butanoic acid	MPFBA	1017281-29-6	2000
Perfluoro-n-($^{13}C_5$)pentanoic acid	M5PFPeA	2283397-79-3	1000
Perfluoro-n-(1,2,3,4,6-$^{13}C_5$)hexanoic acid	M5PFHxA	2328024-54-8	500
Perfluoro-n-(1,2,3,4-$^{13}C_4$)heptanoic acid	M4PFHpA	2328024-55-9	500
Perfluoro-n-($^{13}C_8$)octanoic acid	M8PFOA	1350614-84-4	500
Perfluoro-n-($^{13}C_9$)nonanoic acid	M9PFNA	2283397-80-6	250
Perfluoro-n-(1,2,3,4,5,6-$^{13}C_6$)decanoic acid	M6PFDA	2328024-56-0	250
Perfluoro-n-(1,2,3,4,5,6,7-$^{13}C_7$)undecanoic acid	M7PFUdA	-	250
Perfluoro-n-(1,2-$^{13}C_2$)dodecanoic acid	MPFDoA	960315-52-0	250
Perfluoro-n-(1,2-$^{13}C_2$)tetradecanoic acid	M2PFTeDA	2708218-82-8	250
Perfluoro-1-($^{13}C_8$)octanesulfonamide	M8FOSA	1365803-60-6	500
N-Methyl-d_3-perfluoro-1-octanesulfonamide	d-N-MeFOSA	936109-37-4	500
N-Ethyl-d_5-perfluoro-1-octanesulfonamide	d-N-EtFOSA	936109-40-9	500
N-Methyl-d_3-perfluoro-1-octanesulfonamidoacetic acid	d3-N-MeFOSAA	1400690-70-1	1000
N-Ethyl-d_5-perfluoro-1-octanesulfonamidoacetic acid	d5-N-EtFOSAA	1265205-97-7	1000
2-(N-Methyl-d_3-perfluoro-1-octanesulfonamido)ethan-d_4-ol	d7-N-MeFOSE	1265205-95-5	5000
2-(N-Ethyl-d_5-perfluoro-1-octanesulfonamido)ethan-d_4-ol	d9-N-EtFOSE	1265205-96-6	5000
rac-2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)($^{13}C_3$)propanoic acid	M3HFPO-DA	3030247-97-0	2000

Compound	Acronym	CAS #	Concentration* (ng/mL)	
			as the salt	as the acid
Sodium perfluoro-1-(2,3,4-$^{13}C_3$)butanesulfonate	M3PFBS	2708218-84-0	500	466
Sodium perfluoro-1-(1,2,3-$^{13}C_3$)hexanesulfonate	M3PFHxS	2708218-86-2	500	474
Sodium perfluoro-1-($^{13}C_8$)octanesulfonate	M8PFOS	2522762-16-7	500	479
Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)hexanesulfonate	M2-4:2FTS	2708218-88-4	1000	938
Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)octanesulfonate	M2-6:2FTS	2708218-89-5	1000	951
Sodium 1H,1H,2H,2H-perfluoro(1,2-$^{13}C_2$)decanesulfonate	M2-8:2FTS	2708218-90-8	1000	960

* Concentrations have been rounded to three significant figures.

Certified By: _____ **Date:** 08/14/2025
(mm/dd/yyyy)
B.G. Chittim, General Manager

WELLINGTON LABORATORIES

CERTIFICATE OF ANALYSIS DOCUMENTATION

PFSO3&5,66,67

EPA-1633STK

U.S. EPA Method 1633
Native PFAS Stock Solution/Mixture

PRODUCT CODE:	EPA-1633STK
LOT NUMBER:	1633STK0625
SOLVENT(S):	Methanol/Isopropanol (0.5%)/Water (<1%)
DATE PREPARED: (mm/dd/yyyy)	06/06/2025
LAST TESTED: (mm/dd/yyyy)	06/11/2025
EXPIRY DATE: (mm/dd/yyyy)	06/11/2029
RECOMMENDED STORAGE:	Refrigerate ampoule

DESCRIPTION:

EPA-1633STK is a solution/mixture of native perfluoroalkylcarboxylic acids (C_4-C_7, C_{10}-C_{14} linear; C_8 and C_9 linear and branched), perfluoroalkanesulfonates (C_4, C_5, C_7, C_8, C_{10}, and C_{12} linear; C_6 and C_8 linear and branched), fluorotelomer sulfonates (4:2, 6:2, and 8:2), perfluorooctanesulfonamides (linear and branched), perfluorooctanesulfonamidoacetic acids (linear and branched), perfluorooctanesulfonamidoethanols (linear and branched), hexafluoropropylene oxide dimer acid (GenX, HFPO-DA), sodium dodecafluoro-3H-4,8-dioxanonanoate (NaDONA), perfluoroalkyl ether carboxylic acids (PF4OPeA, PF5OHxA, and 3,6-OPFHpA), the major and minor components of F-53B (9Cl-PF3ONS and 11Cl-PF3OUdS), a perfluoroalkyl ether sulfonate (PFEESA), and fluorotelomer carboxylic acids. The components and their concentrations are given in Table A.

The individual components of this mixture all have chemical purities of >98%.

DOCUMENTATION/ DATA ATTACHED:

Table A: Components and Concentrations of the Solution/Mixture
Table B: Isomeric Composition of PFOA
Table C: Isomeric Composition of PFNA
Table D: Isomeric Composition of FOSA
Table E: Isomeric Composition of N-MeFOSA
Table F: Isomeric Composition of N-EtFOSA
Table G: Isomeric Composition of N-MeFOSAA
Table H: Isomeric Composition of N-EtFOSAA
Table I: Isomeric Composition of N-MeFOSE
Table J: Isomeric Composition of N-EtFOSE
Table K: Isomeric Composition of PFHxSK
Table L: Isomeric Composition of PFOSK
Figure 1: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acids to their respective methyl esters.
- It is recommended to integrate and quantify the linear and branched isomers separately as their response factors can vary depending on optimized acquisition parameters.

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Table A: **EPA-1633STK; Components and Concentrations (ng/mL, ± 5% in methanol/isopropanol (0.5%)/water (<1%))**

Compound	Acronym	CAS #	Concentration* (ng/mL)	
Perfluoro-n-butanoic acid	PFBA	375-22-4	1000	
Perfluoro-n-pentanoic acid	PFPeA	2706-90-3	500	
Perfluoro-n-hexanoic acid	PFHxA	307-24-4	250	
Perfluoro-n-heptanoic acid	PFHpA	375-85-9	250	
Perfluorooctanoic acid[a]	PFOA: linear isomer	335-67-1	250	166
	PFOA: ∑ branched isomers	-		84.3
Perfluorononanoic acid[b]	PFNA: linear isomer	375-95-1	250	163
	PFNA: ∑ branched isomers	-		86.8
Perfluoro-n-decanoic acid	PFDA	335-76-2	250	
Perfluoro-n-undecanoic acid	PFUdA	2058-94-8	250	
Perfluoro-n-dodecanoic acid	PFDoA	307-55-1	250	
Perfluoro-n-tridecanoic acid	PFTrDA	72629-94-8	250	
Perfluoro-n-tetradecanoic acid	PFTeDA	376-06-7	250	
Perfluorooctanesulfonamide[c]	FOSA: linear isomer	754-91-6	250	167
	FOSA: ∑ branched isomers	-		84.0
N-Methylperfluorooctanesulfonamide[d]	N-MeFOSA: linear isomer	31506-32-8	250	181
	N-MeFOSA: ∑ branched isomers	-		69.1
N-Ethylperfluorooctanesulfonamide[e]	N-EtFOSA: linear isomer	4151-50-2	250	185
	N-EtFOSA: ∑ branched isomers	-		65.5
N-Methylperfluorooctanesulfonamidoacetic acid[f]	N-MeFOSAA: linear isomer	2355-31-9	250	190
	N-MeFOSAA: ∑ branched isomers	-		60.0
N-Ethylperfluorooctanesulfonamidoacetic acid[g]	N-EtFOSAA: linear isomer	2991-50-6	250	194
	N-EtFOSAA: ∑ branched isomers	-		56.3
2-(N-Methylperfluorooctanesulfonamido)ethanol[h]	N-MeFOSE: linear isomer	24448-09-7	2500	1690
	N-MeFOSE: ∑ branched isomers	-		813
2-(N-Ethylperfluorooctanesulfonamido)ethanol[i]	N-EtFOSE: linear isomer	1691-99-2	2500	1620
	N-EtFOSE: ∑ branched isomers	-		888
rac-2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	13252-13-6	1000	
Perfluoro-4-oxapentanoic acid	PF4OPeA	377-73-1	500	
Perfluoro-5-oxahexanoic acid	PF5OHxA	863090-89-5	500	
Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA	151772-58-6	500	
3-Perfluoropropyl propanoic acid	FPrPA	356-02-5	1250	
3-Perfluoropentyl propanoic acid	FPePA	914637-49-3	6250	
3-Perfluoroheptyl propanoic acid	FHpPA	812-70-4	6250	

* Concentrations have been rounded to three significant figures.

[a] See Table B for percent composition of linear and branched PFOA isomers.
[b] See Table C for percent composition of linear and branched PFNA isomers.
[c] See Table D for percent composition of linear and branched FOSA isomers
[d] See Table E for percent composition of linear and branched N-MeFOSA isomers.
[e] See Table F for percent composition of linear and branched N-EtFOSA isomers.
[f] See Table G for percent composition of linear and branched N-MeFOSAA isomers.
[g] See Table H for percent composition of linear and branched N-EtFOSAA isomers.
[h] See Table I for percent composition of linear and branched N-MeFOSE isomers.
[i] See Table J for percent composition of linear and branched N-EtFOSE isomers.

Table A: **EPA-1633STK; Components and Concentrations (ng/mL, ± 5% in methanol/isopropanol (0.5%)/water (<1%))**

Compound	Acronym	CAS #	Concentration* (ng/mL)		
			as the salt		as the acid
Potassium perfluoro-1-butanesulfonate	L-PFBS	29420-49-3	250		222
Sodium perfluoro-1-pentanesulfonate	L-PFPeS	630402-22-1	250		235
Potassium perfluorohexanesulfonate[i]	PFHxSK: linear isomer	3871-99-6	250	203	185
	PFHxSK: ∑ branched isomers	-		47.3	43.1
Sodium perfluoro-1-heptanesulfonate	L-PFHpS	21934-50-9	250		238
Potassium perfluorooctanesulfonate[k]	PFOSK: linear isomer	2795-39-3	250	197	183
	PFOSK: ∑ branched isomers	-		52.8	49.0
Sodium perfluoro-1-nonanesulfonate	L-PFNS	98789-57-2	250		240
Sodium perfluoro-1-decanesulfonate	L-PFDS	2806-15-7	250		241
Sodium perfluoro-1-dodecanesulfonate	L-PFDoS	1260224-54-1	250		242
Sodium 1H,1H,2H,2H-perfluorohexanesulfonate	4:2FTS	27619-93-8	1000		937
Sodium 1H,1H,2H,2H-perfluorooctanesulfonate	6:2FTS	27619-94-9	1000		951
Sodium 1H,1H,2H,2H-perfluorodecanesulfonate	8:2FTS	27619-96-1	1000		960
Sodium *rac*-dodecafluoro-3H-4,8-dioxanonanoate	NaDONA	2250081-67-3	1000		945
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	9Cl-PF3ONS	73606-19-6	1000		933
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	11Cl-PF3OUdS	83329-89-9	1000		943
Potassium perfluoro(2-ethoxyethane)sulfonate	PFEESA	117205-07-9	500		446

* Concentrations have been rounded to three significant figures.

[i] See Table K for percent composition of linear and branched PFHxSK isomers.
[k] See Table L for percent composition of linear and branched PFOSK isomers.

Certified By: _____ **Date:** 06/16/2025
(mm/dd/yyyy)
B.G. Chittim, General Manager

PFS0584-387

EPA-1633STK

U.S. EPA Method 1633
Native PFAS Stock Solution/Mixture

PRODUCT CODE:	EPA-1633STK
LOT NUMBER:	1633STK0625
SOLVENT(S):	Methanol/Isopropanol (0.5%)/Water (<1%)
DATE PREPARED: (mm/dd/yyyy)	06/06/2025
LAST TESTED: (mm/dd/yyyy)	06/11/2025
EXPIRY DATE: (mm/dd/yyyy)	06/11/2029
RECOMMENDED STORAGE:	Refrigerate ampoule

DESCRIPTION:

EPA-1633STK is a solution/mixture of native perfluoroalkylcarboxylic acids (C_4-C_7, C_{10}-C_{14} linear; C_8 and C_9 linear and branched), perfluoroalkanesulfonates (C_4, C_5, C_7, C_8, C_{10}, and C_{12} linear; C_6 and C_8 linear and branched), fluorotelomer sulfonates (4:2, 6:2, and 8:2), perfluorooctanesulfonamides (linear and branched), perfluorooctanesulfonamidoacetic acids (linear and branched), perfluorooctanesulfonamidoethanols (linear and branched), hexafluoropropylene oxide dimer acid (GenX, HFPO-DA), sodium dodecafluoro-3H-4,8-dioxanonanoate (NaDONA), perfluoroalkyl ether carboxylic acids (PF4OPeA, PF5OHxA, and 3,6-OPFHpA), the major and minor components of F-53B (9Cl-PF3ONS and 11Cl-PF3OUdS), a perfluoroalkyl ether sulfonate (PFEESA), and fluorotelomer carboxylic acids. The components and their concentrations are given in Table A.

The individual components of this mixture all have chemical purities of >98%.

DOCUMENTATION/ DATA ATTACHED:

Table A: Components and Concentrations of the Solution/Mixture
Table B: Isomeric Composition of PFOA
Table C: Isomeric Composition of PFNA
Table D: Isomeric Composition of FOSA
Table E: Isomeric Composition of N-MeFOSA
Table F: Isomeric Composition of N-EtFOSA
Table G: Isomeric Composition of N-MeFOSAA
Table H: Isomeric Composition of N-EtFOSAA
Table I: Isomeric Composition of N-MeFOSE
Table J: Isomeric Composition of N-EtFOSE
Table K: Isomeric Composition of PFHxSK
Table L: Isomeric Composition of PFOSK
Figure 1: LC/MS/MS Data (Selected MRM Transitions)

ADDITIONAL INFORMATION:

- See page 2 for further details.
- Contains 4 mole eq. of NaOH to prevent conversion of the carboxylic acids to their respective methyl esters.
- It is recommended to integrate and quantify the linear and branched isomers separately as their response factors can vary depending on optimized acquisition parameters.

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Table A: EPA-1633STK; Components and Concentrations (ng/mL, ± 5% in methanol/isopropanol (0.5%)/water (<1%))

Compound	Acronym	CAS #	Concentration* (ng/mL)	
Perfluoro-n-butanoic acid	PFBA	375-22-4	1000	
Perfluoro-n-pentanoic acid	PFPeA	2706-90-3	500	
Perfluoro-n-hexanoic acid	PFHxA	307-24-4	250	
Perfluoro-n-heptanoic acid	PFHpA	375-85-9	250	
Perfluorooctanoic acid[a]	PFOA: linear isomer	335-67-1	250	166
	PFOA: ∑ branched isomers	-		84.3
Perfluorononanoic acid[b]	PFNA: linear isomer	375-95-1	250	163
	PFNA: ∑ branched isomers	-		86.8
Perfluoro-n-decanoic acid	PFDA	335-76-2	250	
Perfluoro-n-undecanoic acid	PFUdA	2058-94-8	250	
Perfluoro-n-dodecanoic acid	PFDoA	307-55-1	250	
Perfluoro-n-tridecanoic acid	PFTrDA	72629-94-8	250	
Perfluoro-n-tetradecanoic acid	PFTeDA	376-06-7	250	
Perfluorooctanesulfonamide[c]	FOSA: linear isomer	754-91-6	250	167
	FOSA: ∑ branched isomers	-		84.0
N-Methylperfluorooctanesulfonamide[d]	N-MeFOSA: linear isomer	31506-32-8	250	181
	N-MeFOSA: ∑ branched isomers	-		69.1
N-Ethylperfluorooctanesulfonamide[e]	N-EtFOSA: linear isomer	4151-50-2	250	185
	N-EtFOSA: ∑ branched isomers	-		65.5
N-Methylperfluorooctanesulfonamidoacetic acid[f]	N-MeFOSAA: linear isomer	2355-31-9	250	190
	N-MeFOSAA: ∑ branched isomers	-		60.0
N-Ethylperfluorooctanesulfonamidoacetic acid[g]	N-EtFOSAA: linear isomer	2991-50-6	250	194
	N-EtFOSAA: ∑ branched isomers	-		56.3
2-(N-Methylperfluorooctanesulfonamido)ethanol[h]	N-MeFOSE: linear isomer	24448-09-7	2500	1690
	N-MeFOSE: ∑ branched isomers	-		813
2-(N-Ethylperfluorooctanesulfonamido)ethanol[i]	N-EtFOSE: linear isomer	1691-99-2	2500	1620
	N-EtFOSE: ∑ branched isomers	-		888
rac-2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	HFPO-DA	13252-13-6	1000	
Perfluoro-4-oxapentanoic acid	PF4OPeA	377-73-1	500	
Perfluoro-5-oxahexanoic acid	PF5OHxA	863090-89-5	500	
Perfluoro-3,6-dioxaheptanoic acid	3,6-OPFHpA	151772-58-6	500	
3-Perfluoropropyl propanoic acid	FPrPA	356-02-5	1250	
3-Perfluoropentyl propanoic acid	FPePA	914637-49-3	6250	
3-Perfluoroheptyl propanoic acid	FHpPA	812-70-4	6250	

* Concentrations have been rounded to three significant figures.

[a] See Table B for percent composition of linear and branched PFOA isomers.
[b] See Table C for percent composition of linear and branched PFNA isomers.
[c] See Table D for percent composition of linear and branched FOSA isomers
[d] See Table E for percent composition of linear and branched N-MeFOSA isomers.
[e] See Table F for percent composition of linear and branched N-EtFOSA isomers.
[f] See Table G for percent composition of linear and branched N-MeFOSAA isomers.
[g] See Table H for percent composition of linear and branched N-EtFOSAA isomers.
[h] See Table I for percent composition of linear and branched N-MeFOSE isomers.
[i] See Table J for percent composition of linear and branched N-EtFOSE isomers.

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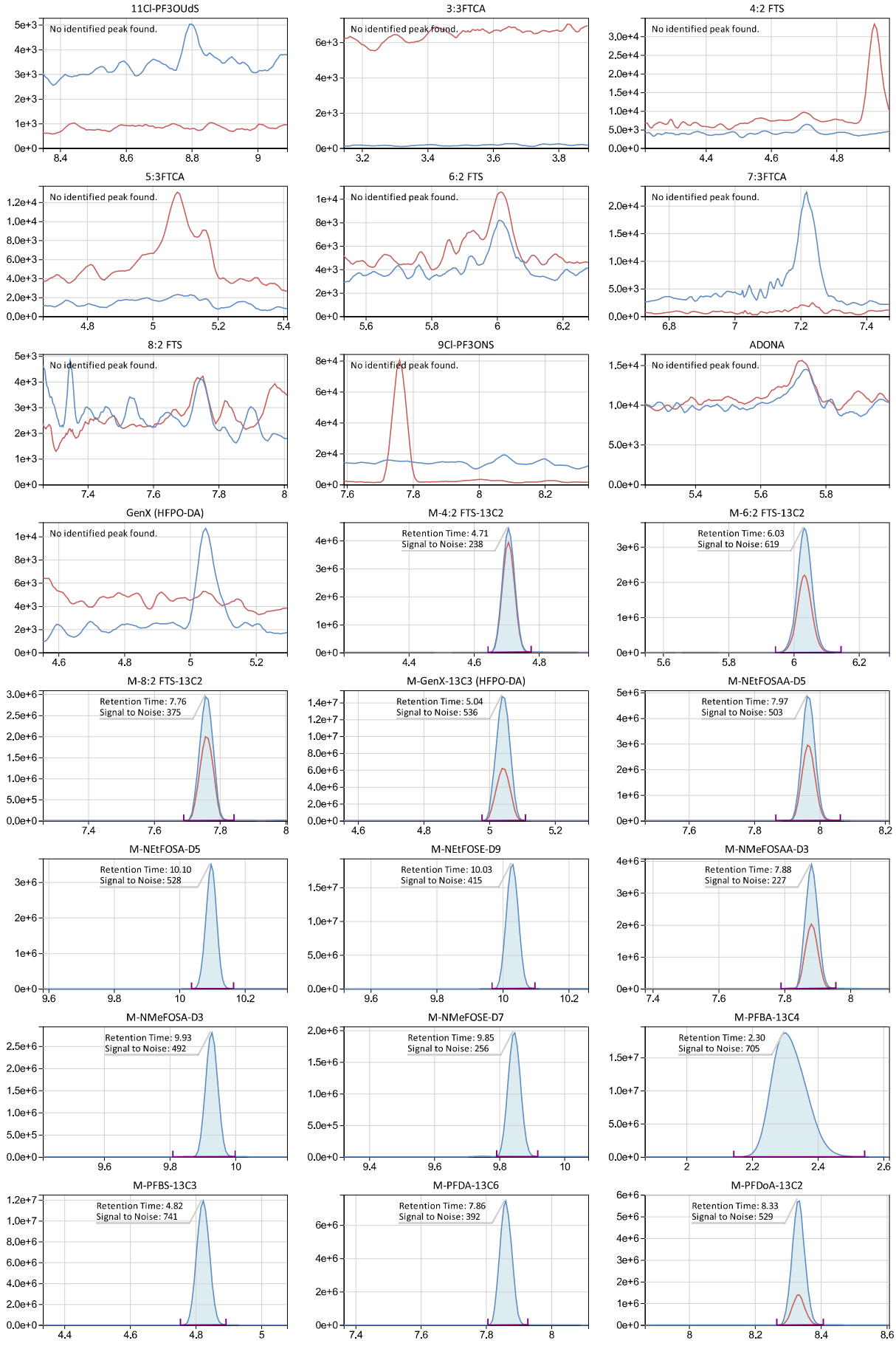
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Analyte Name	Observed RT (min)	Response	Qual Ion Responses	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Expected Ion Ratios	Signal to noise
11Cl-PF3OUdS	n/a	n/a	Not Detected	No	24144673.1	n/a	n/a	n/a	630.85>450.77	630.85>82.97	Not calculated	4.939	n/a
3:3FTCA	n/a	n/a	Not Detected	No	80146347.3	n/a	n/a	n/a	241.10>177.00	241.10>117.00	Not calculated	1.585	n/a
4:2 FTS	n/a	n/a	Not Detected	No	12068275.8	n/a	n/a	n/a	326.85>306.99	326.85>80.98	Not calculated	0.712	n/a
5:3FTCA	n/a	n/a	Not Detected	No	45118660.8	n/a	n/a	n/a	341.00>237.00	341.00>217.00	Not calculated	0.149	n/a
6:2 FTS	n/a	n/a	Not Detected	No	11352869.8	n/a	n/a	n/a	426.87>406.78	426.87>81.02	Not calculated	0.708	n/a
7:3FTCA	n/a	n/a	Not Detected	No	45118660.8	n/a	n/a	n/a	441.00>317.00	441.00>337.00	Not calculated	11.172	n/a
8:2 FTS	n/a	n/a	Not Detected	No	8714635.6	n/a	n/a	n/a	526.77>506.90	526.77>80.98	Not calculated	0.831	n/a
9Cl-PF3ONS	n/a	n/a	Not Detected	No	24144673.1	n/a	n/a	n/a	530.71>350.80	530.71>83.03	Not calculated	6.018	n/a
ADONA	n/a	n/a	Not Detected	No	44873282.3	n/a	n/a	n/a	376.85>250.90	376.85>84.96	Not calculated	0.852	n/a
GenX (HFPO-DA)	n/a	n/a	3123.9	Yes	44873282.3	n/a	n/a	n/a	285.00>168.90	285.00>185.00	11.274	7.458	n/a
M-4:2 FTS-13C2	4.71	12068275.8	10743933.5	No	25915595.6	0.88	3.67	n/a	328.89>80.98	328.89>308.89	1.123	1.064	238
M-6:2 FTS-13C2	6.03	11352869.8	7018821.9	No	25915595.6	0.83	3.81	n/a	428.78>81.03	428.78>408.92	1.617	1.451	619
M-8:2 FTS-13C2	7.76	8714635.6	5885578.1	No	25915595.6	0.64	3.94	n/a	528.79>80.99	528.79>508.84	1.481	1.313	375
M-GenX-13C3 (HFPO-DA)	5.04	44873282.3	18790108.9	No	42109806.8	2.13	8.46	n/a	286.87>168.89	286.87>184.86	2.388	2.360	536
M-NEtFOSAA-D5	7.97	14049804.7	8509299.1	No	24082551.1	1.12	3.97	n/a	588.92>418.86	588.92>530.91	1.651	1.634	503
M-NEtFOSA-D5	10.10	8269029.1	n/a	No	24082551.1	0.66	1.89	n/a	531.00>219.00	n/a	n/a	No expected Ion Ratio	528
M-NEtFOSE-D9	10.03	49157219.5	n/a	No	24082551.1	3.91	19.2	n/a	639.00>59.00	n/a	n/a	No expected Ion Ratio	415
M-NMeFOSAA-D3	7.88	10620037.8	5600772.3	No	24082551.1	0.84	4.20	n/a	572.83>418.90	572.83>168.89	1.896	1.777	227
M-NMeFOSA-D3	9.93	7521257.1	n/a	No	24082551.1	0.60	2.03	n/a	515.00>219.00	n/a	n/a	No expected Ion Ratio	492
M-NMeFOSE-D7	9.85	5448116.8	n/a	No	24082551.1	0.43	21.1	n/a	623.90>59.00	n/a	n/a	No expected Ion Ratio	256
M-PFBA-13C4	2.30	139039714.3	n/a	No	124376545.7	4.47	8.09 (ALoQ)	n/a	216.86>171.89	n/a	n/a	No expected Ion Ratio	705
M-PFBS-13C3	4.82	33480452.0	n/a	No	25915595.6	2.45	2.01	n/a	301.84>79.97	n/a	n/a	No expected Ion Ratio	741
M-PFDA-13C6	7.86	19758462.3	n/a	No	16051679.6	1.23	1.04 (ALoQ)	n/a	518.90>473.90	n/a	n/a	No expected Ion Ratio	392
M-PFDoA-13C2	8.33	15829723.4	3854046.8	No	16051679.6	0.99	1.15	n/a	614.82>569.80	614.82>168.94	4.107	3.844	529
M-PFHpA-13C4	5.43	45118660.8	9940916.8	No	42109806.8	2.14	2.00	n/a	366.93>321.94	366.93>171.90	4.539	4.478	672
M-PFHxA-13C5	4.86	39739858.3	n/a	No	42109806.8	1.89	2.00	n/a	317.79>272.91	n/a	n/a	No expected Ion Ratio	777
M-PFHxS-13C3	6.66	26149152.5	13629383.6	No	25915595.6	1.91	1.89	n/a	401.76>79.99	401.76>98.99	1.919	1.969	709
M-PFNA-13C9	7.53	19569165.5	5574840.1	No	19299664.4	1.01	1.02	n/a	471.82>426.89	471.82>172.14	3.510	3.521	298
M-PFOA-13C8	6.50	40958229.7	24362920.0	No	40603840.7	2.02	1.99	n/a	420.82>375.84	420.82>171.84	1.681	1.628	607
M-PFOS-13C8	7.92	24144673.1	15365593.6	No	24082551.1	1.92	1.96	n/a	506.84>79.94	506.84>98.98	1.571	1.604	358
M-PFOSA-13C8	8.68	33782474.4	n/a	No	24082551.1	2.69	2.06	n/a	505.74>78.04	n/a	n/a	No expected Ion Ratio	541
M-PFPeA-13C5	4.14	80146347.3	n/a	No	42109806.8	3.81	4.13	n/a	268.00>222.94	n/a	n/a	No expected Ion Ratio	772

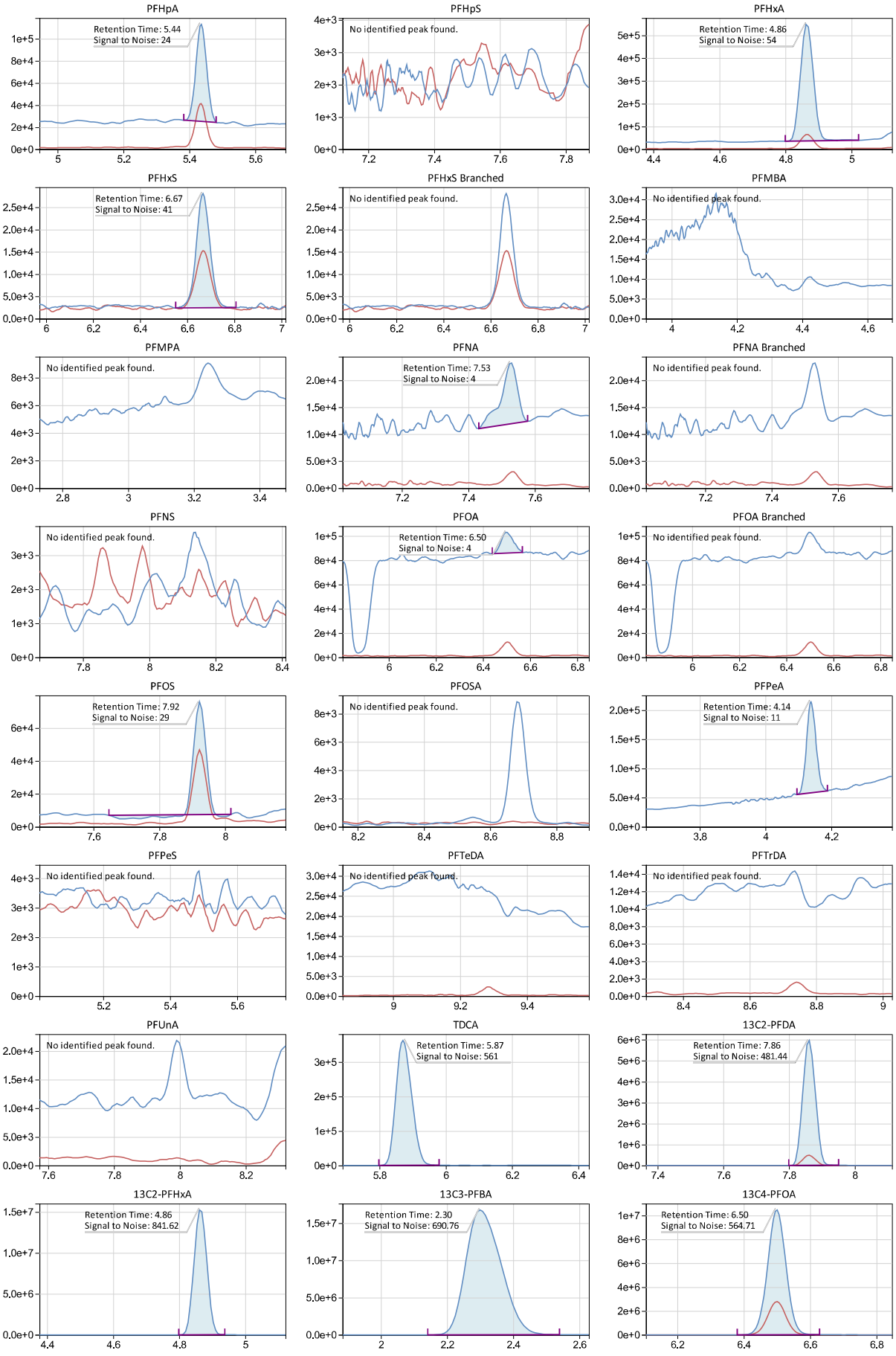
Analyte Name	Observed RT (min)	Response	Qual Ion Responses	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Expected Ion Ratios	Signal to noise
M-PFTeDA-13C2	9.29	5228657.0	n/a	No	16051679.6	0.33	0.988	n/a	715.20>669.90	n/a	n/a	No expected Ion Ratio	404
M-PFUnA-13C7	8.06	17794149.5	n/a	No	16051679.6	1.11	1.20 (ALoQ)	n/a	569.85>524.91	n/a	n/a	No expected Ion Ratio	584
NEtFOSA	n/a	n/a	Not Detected	No	8269029.1	n/a	n/a	n/a	525.90>219.00	525.90>169.00	Not calculated	0.512	n/a
NEtFOSAA	n/a	n/a	11973.8	Yes	14049804.7	n/a	n/a	n/a	584.00>418.80	584.00>525.90	1.208	1.543	n/a
NEtFOSE	n/a	n/a	n/a	No	49157219.5	n/a	n/a	n/a	630.00>59.00	n/a	n/a	No expected Ion Ratio	n/a
NFDHA	4.80	12503.5	10461.5	No	39739858.3	0.00	0.00615	n/a	294.90>201.00	294.90>85.00	1.195	1.101	6
NMeFOSA	n/a	n/a	Not Detected	No	7521257.1	n/a	n/a	n/a	511.90>219.00	511.90>169.10	Not calculated	0.568	n/a
NMeFOSAA	n/a	n/a	Not Detected	No	10620037.8	n/a	n/a	n/a	569.77>418.97	569.77>482.73	Not calculated	2.098	n/a
NMeFOSE	n/a	n/a	n/a	No	5448116.8	n/a	n/a	n/a	616.00>59.00	n/a	n/a	No expected Ion Ratio	n/a
PFBA	2.30	294579.2	n/a	No	139039714.3	0.02	0.0240	n/a	212.90>169.00	n/a	n/a	No expected Ion Ratio	4
PFBS	n/a	n/a	Not Detected	No	33480452.0	n/a	n/a	n/a	298.78>79.91	298.78>98.90	Not calculated	2.403	n/a
PFDA	n/a	n/a	Not Detected	Yes	19758462.3	n/a	n/a	n/a	512.86>468.81	512.86>218.87	Not calculated	3.523	n/a
PFDoA	n/a	n/a	Not Detected	No	15829723.4	n/a	n/a	n/a	612.70>568.88	612.70>168.95	Not calculated	3.337	n/a
PFDoS	n/a	n/a	Not Detected	No	24144673.1	n/a	n/a	n/a	698.90>80.04	698.90>98.85	Not calculated	1.676	n/a
PFDS	n/a	n/a	Not Detected	No	24144673.1	n/a	n/a	n/a	598.71>79.97	598.71>98.98	Not calculated	1.694	n/a
PFEESA	n/a	n/a	Not Detected	No	39739858.3	n/a	n/a	n/a	314.85>134.99	314.85>82.94	Not calculated	7.812	n/a
PFHpA	5.44	201862.0	94069.2	No	45118660.8	0.01	0.00966	n/a	362.84>318.87	362.84>168.99	2.146	2.216	24
PFHpS	n/a	n/a	Not Detected	No	24144673.1	n/a	n/a	n/a	448.90>79.90	448.90>99.00	Not calculated	1.740	n/a
PFHxA	4.86	1414484.1	174014.8	No	39739858.3	0.07	0.0733	n/a	312.90>269.00	312.90>119.00	8.129	8.513	54
PFHxS	6.67	105328.7	61713.1	No	26149152.5	0.01	0.00747	n/a	398.77>80.07	398.77>98.95	1.707	1.804	41
PFHxS Branched	n/a	n/a	61713.1	Yes	26149152.5	n/a	n/a	n/a	398.77>80.07	398.77>98.95	1.707	2.490	n/a
PFMBA	n/a	n/a	n/a	No	80146347.3	n/a	n/a	n/a	279.08>85.04	n/a	n/a	No expected Ion Ratio	n/a
PFMPA	n/a	n/a	n/a	No	80146347.3	n/a	n/a	n/a	229.00>85.00	n/a	n/a	No expected Ion Ratio	n/a
PFNA	7.53	39536.8	Not Detected	No	19569165.5	0.00	0.00206	n/a	462.84>418.88	462.84>218.93	Not calculated	2.991	4
PFNA Branched	n/a	n/a	2580.8	Yes	19569165.5	n/a	n/a	n/a	462.84>418.88	462.84>218.93	Not calculated	1.268	n/a
PFNS	n/a	n/a	Not Detected	No	24144673.1	n/a	n/a	n/a	548.84>79.85	548.84>98.99	Not calculated	1.572	n/a
PFOA	6.50	61804.2	45900.0	No	40958229.7	0.00	0.00461	n/a	412.87>368.92	412.87>168.88	1.346	1.434	4
PFOA Branched	n/a	n/a	4240.0	Yes	40958229.7	n/a	n/a	n/a	412.87>368.92	412.87>168.88	Not calculated	0.959	n/a
PFOS	7.92	200730.7	125358.6	No	24144673.1	0.02	0.0150	n/a	498.80>80.02	498.80>98.82	1.601	1.827	29
PFOSA	n/a	n/a	1783.1	Yes	33782474.4	n/a	n/a	n/a	498.10>77.90	498.10>169.20	16.442	38.388	n/a
PFPeA	4.14	314790.9	n/a	No	80146347.3	0.02	0.0249	n/a	262.90>219.00	n/a	n/a	No expected Ion Ratio	11
PFPeS	n/a	n/a	Not Detected	No	26149152.5	n/a	n/a	n/a	348.88>79.93	348.88>98.96	Not calculated	2.388	n/a
PFTeDA	n/a	n/a	Not Detected	No	5233328.7	n/a	n/a	n/a	712.77>668.81	712.77>168.91	Not calculated	2.381	n/a
PFTrDA	n/a	n/a	Not Detected	No	15829723.4	n/a	n/a	n/a	662.89>618.98	662.89>168.88	Not calculated	2.453	n/a
PFUnA	n/a	n/a	Not Detected	No	17794149.5	n/a	n/a	n/a	562.90>518.88	562.90>269.07	Not calculated	4.300	n/a

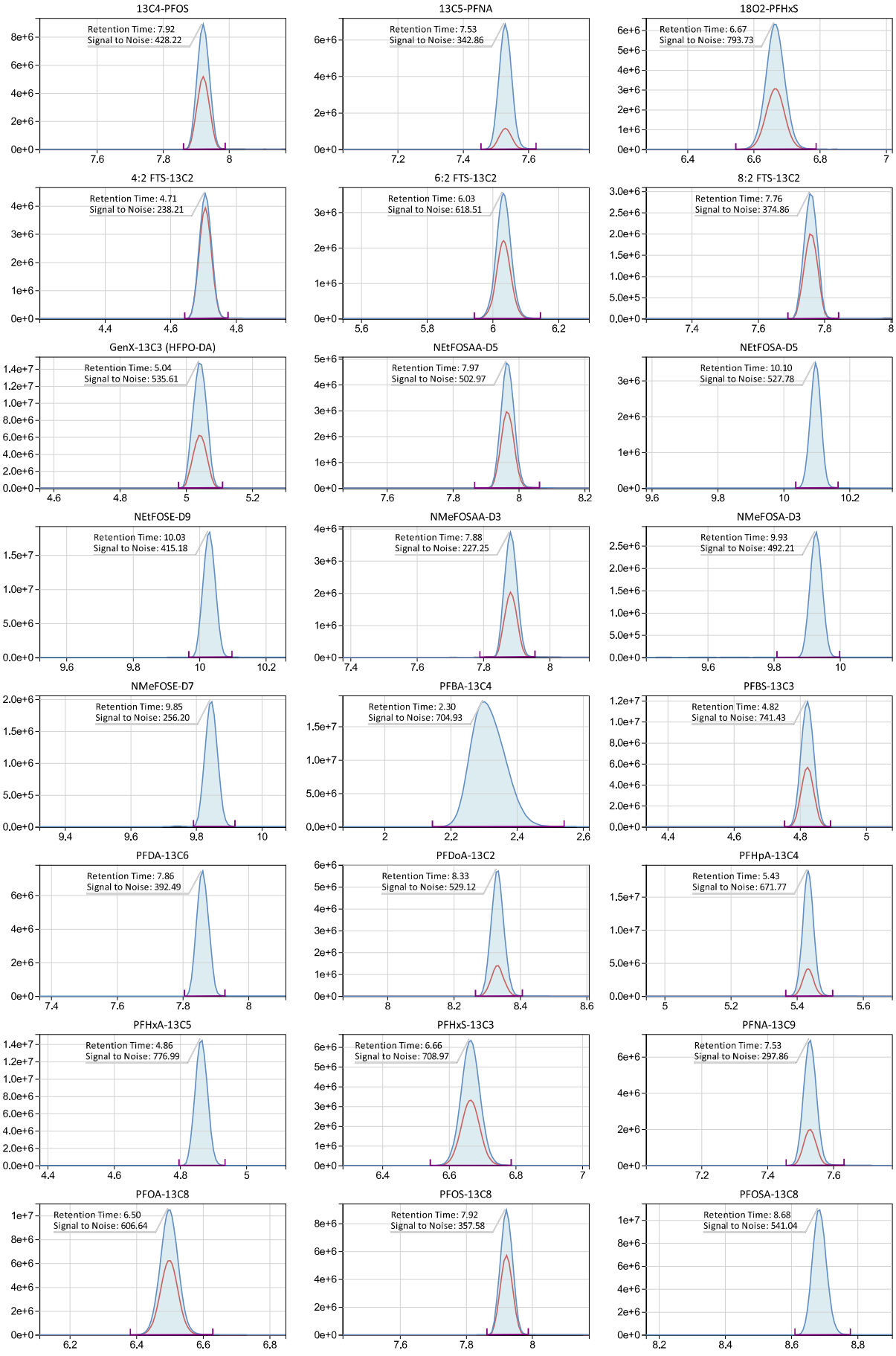
Analyte Name	Observed RT (min)	Response	Qual Ion Responses	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Expected Ion Ratios	Signal to noise
TDCA	5.87	1205099.1	n/a	No	n/a	n/a	Not calculated	n/a	498.00>80.00	n/a	n/a	No expected Ion Ratio	561
13C2-PFDA	7.86	16051679.6	1325979.2	No	n/a	n/a	1.21	21.38	514.85>469.84	514.85>168.82	12.106	12.718	481.44
13C2-PFHxA	4.86	42109806.8	n/a	No	n/a	n/a	2.40	20.18	315.02>270.01	n/a	n/a	No expected Ion Ratio	841.62
13C3-PFBA	2.30	124376545.7	n/a	No	n/a	n/a	4.95	23.85	216.94>171.90	n/a	n/a	No expected Ion Ratio	690.76
13C4-PFOA	6.50	40603840.7	10844604.5	No	n/a	n/a	2.34	17.23	416.91>371.91	416.91>171.98	3.744	3.596	564.71
13C4-PFOS	7.92	24082551.1	14095157.1	No	n/a	n/a	2.24	16.80	502.82>79.99	502.82>98.84	1.709	1.796	428.22
13C5-PFNA	7.53	19299664.4	3190663.3	No	n/a	n/a	1.17	17.09	467.88>422.93	467.88>172.00	6.049	6.239	342.86
18O2-PFHxS	6.67	25915595.6	12606461.8	No	n/a	n/a	2.12	11.94	402.81>83.93	402.81>103.00	2.056	2.097	793.73
4:2 FTS-13C2	4.71	12068275.8	10743933.5	No	n/a	n/a	4.18	11.33	328.89>80.98	328.89>308.89	1.123	1.064	238.21
6:2 FTS-13C2	6.03	11352869.8	7018821.9	No	n/a	n/a	4.29	12.79	428.78>81.03	428.78>408.92	1.617	1.451	618.51
8:2 FTS-13C2	7.76	8714635.6	5885578.1	No	n/a	n/a	4.42	15.04	528.79>80.99	528.79>508.84	1.481	1.313	374.86
GenX-13C3 (HFPO-DA)	5.04	44873282.3	18790108.9	No	n/a	n/a	9.97	24.68	286.87>168.89	286.87>184.86	2.388	2.360	535.61
NEtFOSAA-D5	7.97	14049804.7	8509299.1	No	n/a	n/a	4.64	15.98	588.92>418.86	588.92>530.91	1.651	1.634	502.97
NEtFOSA-D5	10.10	8269029.1	n/a	No	n/a	n/a	2.26	12.97	531.00>219.00	n/a	n/a	No expected Ion Ratio	527.78
NEtFOSE-D9	10.03	49157219.5	n/a	No	n/a	n/a	22.6	13.23	639.00>59.00	n/a	n/a	No expected Ion Ratio	415.18
NMeFOSAA-D3	7.88	10620037.8	5600772.3	No	n/a	n/a	4.92	22.99	572.83>418.90	572.83>168.89	1.896	1.777	227.25
NMeFOSA-D3	9.93	7521257.1	n/a	No	n/a	n/a	2.40	20.11	515.00>219.00	n/a	n/a	No expected Ion Ratio	492.21
NMeFOSE-D7	9.85	5448116.8	n/a	No	n/a	n/a	24.8	24.04	623.90>59.00	n/a	n/a	No expected Ion Ratio	256.20
PFBA-13C4	2.30	139039714.3	n/a	No	n/a	n/a	10.0	25.32	216.86>171.89	n/a	n/a	No expected Ion Ratio	704.93
PFBS-13C3	4.82	33480452.0	15842322.6	No	n/a	n/a	2.20	18.26	301.84>79.97	301.84>98.92	2.113	2.171	741.43
PFDA-13C6	7.86	19758462.3	n/a	No	n/a	n/a	1.27	26.86	518.90>473.90	n/a	n/a	No expected Ion Ratio	392.49
PFDoA-13C2	8.33	15829723.4	3854046.8	No	n/a	n/a	1.42	42.29	614.82>569.80	614.82>168.94	4.107	3.844	529.12
PFHpA-13C4	5.43	45118660.8	9940916.8	No	n/a	n/a	2.42	20.96	366.93>321.94	366.93>171.90	4.539	4.478	671.77
PFHxA-13C5	4.86	39739858.3	n/a	No	n/a	n/a	2.41	20.50	317.79>272.91	n/a	n/a	No expected Ion Ratio	776.99
PFHxS-13C3	6.66	26149152.5	13629383.6	No	n/a	n/a	2.10	10.93	401.76>79.99	401.76>98.99	1.919	1.969	708.97
PFNA-13C9	7.53	19569165.5	5574840.1	No	n/a	n/a	1.18	17.76	471.82>426.89	471.82>172.14	3.510	3.521	297.86
PFOA-13C8	6.50	40958229.7	24362920.0	No	n/a	n/a	2.34	16.84	420.82>375.84	420.82>171.84	1.681	1.628	606.64
PFOS-13C8	7.92	24144673.1	15365593.6	No	n/a	n/a	2.27	18.72	506.84>79.94	506.84>98.98	1.571	1.604	357.58
PFOSA-13C8	8.68	33782474.4	n/a	No	n/a	n/a	2.46	22.98	505.74>78.04	n/a	n/a	No expected Ion Ratio	541.04
PFPeA-13C5	4.14	80146347.3	n/a	No	n/a	n/a	4.94	23.39	268.00>222.94	n/a	n/a	No expected Ion Ratio	772.30
PFTeDA-13C2	9.29	5233328.7	n/a	No	n/a	n/a	1.24	23.51	715.20>669.90	n/a	n/a	No expected Ion Ratio	467.81
PFUnA-13C7	8.06	17794149.5	n/a	No	n/a	n/a	1.42	42.30	569.85>524.91	n/a	n/a	No expected Ion Ratio	583.98

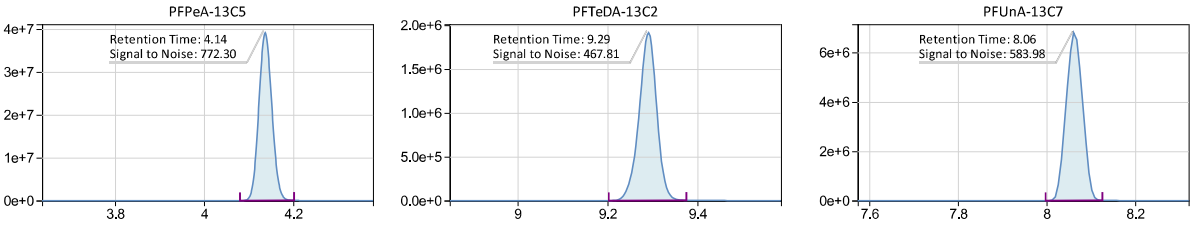
QUAN Qual #1


11Cl-PF3OUdS
No identified peak found.
3:3FTCA
No identified peak found.
4:2 FTS
No identified peak found.
5:3FTCA
No identified peak found.
6:2 FTS
No identified peak found.
7:3FTCA
No identified peak found.
8:2 FTS
No identified peak found.
9Cl-PF3ONS
No identified peak found.
ADONA
No identified peak found.
GenX (HFPO-DA)
No identified peak found.
M-4:2 FTS-13C2
Retention Time: 4.71
Signal to Noise: 238
M-6:2 FTS-13C2
Retention Time: 6.03
Signal to Noise: 619
M-8:2 FTS-13C2
Retention Time: 7.76
Signal to Noise: 375
M-GenX-13C3 (HFPO-DA)
Retention Time: 5.04
Signal to Noise: 536
M-NEtFOSAA-D5
Retention Time: 7.97
Signal to Noise: 503
M-NEtFOSA-D5
Retention Time: 10.10
Signal to Noise: 528
M-NEtFOSE-D9
Retention Time: 10.03
Signal to Noise: 415
M-NMeFOSAA-D3
Retention Time: 7.88
Signal to Noise: 227
M-NMeFOSA-D3
Retention Time: 9.93
Signal to Noise: 492
M-NMeFOSE-D7
Retention Time: 9.85
Signal to Noise: 256
M-PFBA-13C4
Retention Time: 2.30
Signal to Noise: 705
M-PFBS-13C3
Retention Time: 4.82
Signal to Noise: 741
M-PFDA-13C6
Retention Time: 7.86
Signal to Noise: 392
M-PFDoA-13C2
Retention Time: 8.33
Signal to Noise: 529


M-PFHpA-13C4
Retention Time: 5.43
Signal to Noise: 672
M-PFHxA-13C5
Retention Time: 4.86
Signal to Noise: 777
M-PFHxS-13C3
Retention Time: 6.66
Signal to Noise: 709
M-PFNA-13C9
Retention Time: 7.53
Signal to Noise: 298
M-PFOA-13C8
Retention Time: 6.50
Signal to Noise: 607
M-PFOS-13C8
Retention Time: 7.92
Signal to Noise: 358
M-PFOSA-13C8
Retention Time: 8.68
Signal to Noise: 541
M-PFPeA-13C5
Retention Time: 4.14
Signal to Noise: 772
M-PFTeDA-13C2
Retention Time: 9.29
Signal to Noise: 404
M-PFUnA-13C7
Retention Time: 8.06
Signal to Noise: 584
NEtFOSA
No identified peak found.
NEtFOSAA
No identified peak found.
NEtFOSE
No identified peak found.
NFDHA
Retention Time: 4.80
Signal to Noise: 6
NMeFOSA
No identified peak found.
NMeFOSAA
No identified peak found.
NMeFOSE
No identified peak found.
PFBA
Retention Time: 2.30
Signal to Noise: 4
PFBS
No identified peak found.
PFDA
No identified peak found.
PFDoA
No identified peak found.
PFDoS
No identified peak found.
PFDS
No identified peak found.
PFEESA
No identified peak found.


PFHpA
Retention Time: 5.44
Signal to Noise: 24
PFHpS
No identified peak found.
PFHxA
Retention Time: 4.86
Signal to Noise: 54
PFHxS
Retention Time: 6.67
Signal to Noise: 41
PFHxS Branched
No identified peak found.
PFMBA
No identified peak found.
PFMPA
No identified peak found.
PFNA
Retention Time: 7.53
Signal to Noise: 4
PFNA Branched
No identified peak found.
PFNS
No identified peak found.
PFOA
Retention Time: 6.50
Signal to Noise: 4
PFOA Branched
No identified peak found.
PFOS
Retention Time: 7.92
Signal to Noise: 29
PFOSA
No identified peak found.
PFPeA
Retention Time: 4.14
Signal to Noise: 11
PFPeS
No identified peak found.
PFTeDA
No identified peak found.
PFTrDA
No identified peak found.
PFUnA
No identified peak found.
TDCA
Retention Time: 5.87
Signal to Noise: 561
13C2-PFDA
Retention Time: 7.86
Signal to Noise: 481.44
13C2-PFHxA
Retention Time: 4.86
Signal to Noise: 841.62
13C3-PFBA
Retention Time: 2.30
Signal to Noise: 690.76
13C4-PFOA
Retention Time: 6.50
Signal to Noise: 564.71


13C4-PFOS
Retention Time: 7.92
Signal to Noise: 428.22
13C5-PFNA
Retention Time: 7.53
Signal to Noise: 342.86
18O2-PFHxS
Retention Time: 6.67
Signal to Noise: 793.73
4:2 FTS-13C2
Retention Time: 4.71
Signal to Noise: 238.21
6:2 FTS-13C2
Retention Time: 6.03
Signal to Noise: 618.51
8:2 FTS-13C2
Retention Time: 7.76
Signal to Noise: 374.86
GenX-13C3 (HFPO-DA)
Retention Time: 5.04
Signal to Noise: 535.61
NEtFOSAA-D5
Retention Time: 7.97
Signal to Noise: 502.97
NEtFOSA-D5
Retention Time: 10.10
Signal to Noise: 527.78
NEtFOSE-D9
Retention Time: 10.03
Signal to Noise: 415.18
NMeFOSAA-D3
Retention Time: 7.88
Signal to Noise: 227.25
NMeFOSA-D3
Retention Time: 9.93
Signal to Noise: 492.21
NMeFOSE-D7
Retention Time: 9.85
Signal to Noise: 256.20
PFBA-13C4
Retention Time: 2.30
Signal to Noise: 704.93
PFBS-13C3
Retention Time: 4.82
Signal to Noise: 741.43
PFDA-13C6
Retention Time: 7.86
Signal to Noise: 392.49
PFDoA-13C2
Retention Time: 8.33
Signal to Noise: 529.12
PFHpA-13C4
Retention Time: 5.43
Signal to Noise: 671.77
PFHxA-13C5
Retention Time: 4.86
Signal to Noise: 776.99
PFHxS-13C3
Retention Time: 6.66
Signal to Noise: 708.97
PFNA-13C9
Retention Time: 7.53
Signal to Noise: 297.86
PFOA-13C8
Retention Time: 6.50
Signal to Noise: 606.64
PFOS-13C8
Retention Time: 7.92
Signal to Noise: 357.58
PFOSA-13C8
Retention Time: 8.68
Signal to Noise: 541.04


PFPeA-13C5
Retention Time: 4.14
Signal to Noise: 772.30
4e+7
3e+7
2e+7
1e+7
0e+0
3.8
4
4.2
PFTeDA-13C2
Retention Time: 9.29
Signal to Noise: 467.81
2.0e+6
1.5e+6
1.0e+6
5.0e+5
0.0e+0
9
9.2
9.4
PFUnA-13C7
Retention Time: 8.06
Signal to Noise: 583.98
6e+6
4e+6
2e+6
0e+0
7.6
7.8
8
8.2

1LC07911 TDCA

Unknown, Injection volume: 4 µL, Replicate 1 of 1, Acquisition date time: Oct 07, 2025 19:16:04 (+00:00)

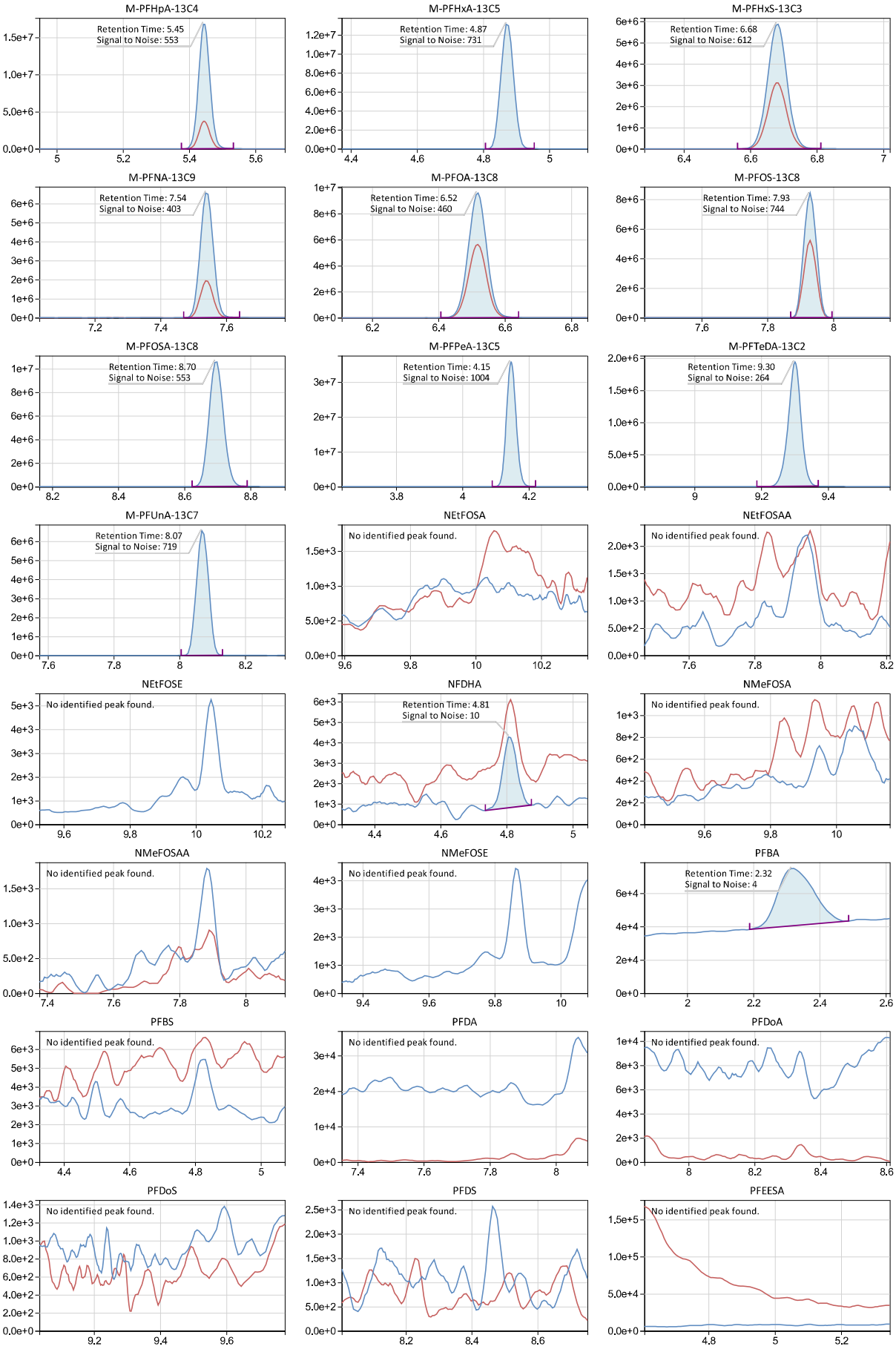
Analyte Name	Observed RT (min)	Response	Qual Ion Responses	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Expected Ion Ratios	Signal to noise
11Cl-PF3OUdS	n/a	n/a	Not Detected	No	22757452.8	n/a	n/a	n/a	630.85>450.77	630.85>82.97	Not calculated	4.939	n/a
3:3FTCA	n/a	n/a	Not Detected	No	72970921.5	n/a	n/a	n/a	241.10>177.00	241.10>117.00	Not calculated	1.585	n/a
4:2 FTS	n/a	n/a	Not Detected	No	12327247.3	n/a	n/a	n/a	326.85>306.99	326.85>80.98	Not calculated	0.712	n/a
5:3FTCA	n/a	n/a	Not Detected	No	40576423.0	n/a	n/a	n/a	341.00>237.00	341.00>217.00	Not calculated	0.149	n/a
6:2 FTS	n/a	n/a	Not Detected	No	10039528.9	n/a	n/a	n/a	426.87>406.78	426.87>81.02	Not calculated	0.708	n/a
7:3FTCA	n/a	n/a	Not Detected	No	40576423.0	n/a	n/a	n/a	441.00>317.00	441.00>337.00	Not calculated	11.172	n/a
8:2 FTS	n/a	n/a	Not Detected	No	8186202.1	n/a	n/a	n/a	526.77>506.90	526.77>80.98	Not calculated	0.831	n/a
9Cl-PF3ONS	n/a	n/a	Not Detected	No	22757452.8	n/a	n/a	n/a	530.71>350.80	530.71>83.03	Not calculated	6.018	n/a
ADONA	n/a	n/a	Not Detected	No	40106601.0	n/a	n/a	n/a	376.85>250.90	376.85>84.96	Not calculated	0.852	n/a
GenX (HFPO-DA)	n/a	n/a	Not Detected	Yes	40106601.0	n/a	n/a	n/a	285.00>168.90	285.00>185.00	Not calculated	7.458	n/a
M-4:2 FTS-13C2	4.72	12327247.3	11051669.9	No	23229994.6	1.01	4.18 (ALoQ)	n/a	328.89>80.98	328.89>308.89	1.115	1.064	258
M-6:2 FTS-13C2	6.05	10039528.9	6365581.8	No	23229994.6	0.82	3.76	n/a	428.78>81.03	428.78>408.92	1.577	1.451	773
M-8:2 FTS-13C2	7.77	8186202.1	5546142.8	No	23229994.6	0.67	4.13	n/a	528.79>80.99	528.79>508.84	1.476	1.313	354
M-GenX-13C3 (HFPO-DA)	5.05	40106601.0	16540954.3	No	40463397.4	1.98	7.86	n/a	286.87>168.89	286.87>184.86	2.425	2.360	681
M-NEtFOSAA-D5	7.97	14246318.6	8448406.7	No	22032422.1	1.24	4.40	n/a	588.92>418.86	588.92>530.91	1.686	1.634	470
M-NEtFOSA-D5	10.10	7275275.2	n/a	No	22032422.1	0.63	1.82	n/a	531.00>219.00	n/a	n/a	No expected Ion Ratio	574
M-NEtFOSE-D9	10.04	41028436.2	n/a	No	22032422.1	3.57	17.6	n/a	639.00>59.00	n/a	n/a	No expected Ion Ratio	459
M-NMeFOSAA-D3	7.89	14591766.2	8299658.9	No	22032422.1	1.27	6.31 (ALoQ)	n/a	572.83>418.90	572.83>168.89	1.758	1.777	502
M-NMeFOSA-D3	9.94	6926621.8	n/a	No	22032422.1	0.60	2.05	n/a	515.00>219.00	n/a	n/a	No expected Ion Ratio	685
M-NMeFOSE-D7	9.85	4816278.1	n/a	No	22032422.1	0.42	20.4	n/a	623.90>59.00	n/a	n/a	No expected Ion Ratio	282
M-PFBA-13C4	2.31	125762225.9	n/a	No	108016674.2	4.66	8.43 (ALoQ)	n/a	216.86>171.89	n/a	n/a	No expected Ion Ratio	793
M-PFBS-13C3	4.83	32649859.5	n/a	No	23229994.6	2.66	2.18 (ALoQ)	n/a	301.84>79.97	n/a	n/a	No expected Ion Ratio	688
M-PFDA-13C6	7.87	19693868.9	n/a	No	16138177.7	1.22	1.03 (ALoQ)	n/a	518.90>473.90	n/a	n/a	No expected Ion Ratio	549
M-PFDoA-13C2	8.34	15577174.9	3753497.3	No	16138177.7	0.97	1.13	n/a	614.82>569.80	614.82>168.94	4.150	3.844	859
M-PFHpA-13C4	5.45	40576423.0	8902775.0	No	40463397.4	2.01	1.88	n/a	366.93>321.94	366.93>171.90	4.558	4.478	553
M-PFHxA-13C5	4.87	36309077.1	n/a	No	40463397.4	1.79	1.91	n/a	317.79>272.91	n/a	n/a	No expected Ion Ratio	731
M-PFHxS-13C3	6.68	24237049.2	12694114.4	No	23229994.6	1.98	1.95 (ALoQ)	n/a	401.76>79.99	401.76>98.99	1.909	1.969	612
M-PFNA-13C9	7.54	18445069.8	5430904.4	No	18448196.3	1.00	1.00	n/a	471.82>426.89	471.82>172.14	3.396	3.521	403
M-PFOA-13C8	6.52	37064903.7	21906354.0	No	36878481.5	2.01	1.98	n/a	420.82>375.84	420.82>171.84	1.692	1.628	460
M-PFOS-13C8	7.93	22757452.8	14145421.2	No	22032422.1	1.98	2.02 (ALoQ)	n/a	506.84>79.94	506.84>98.98	1.609	1.604	744
M-PFOSA-13C8	8.70	32740069.4	n/a	No	22032422.1	2.85	2.18	n/a	505.74>78.04	n/a	n/a	No expected Ion Ratio	553
M-PFPeA-13C5	4.15	72970921.5	n/a	No	40463397.4	3.61	3.91	n/a	268.00>222.94	n/a	n/a	No expected Ion Ratio	1004

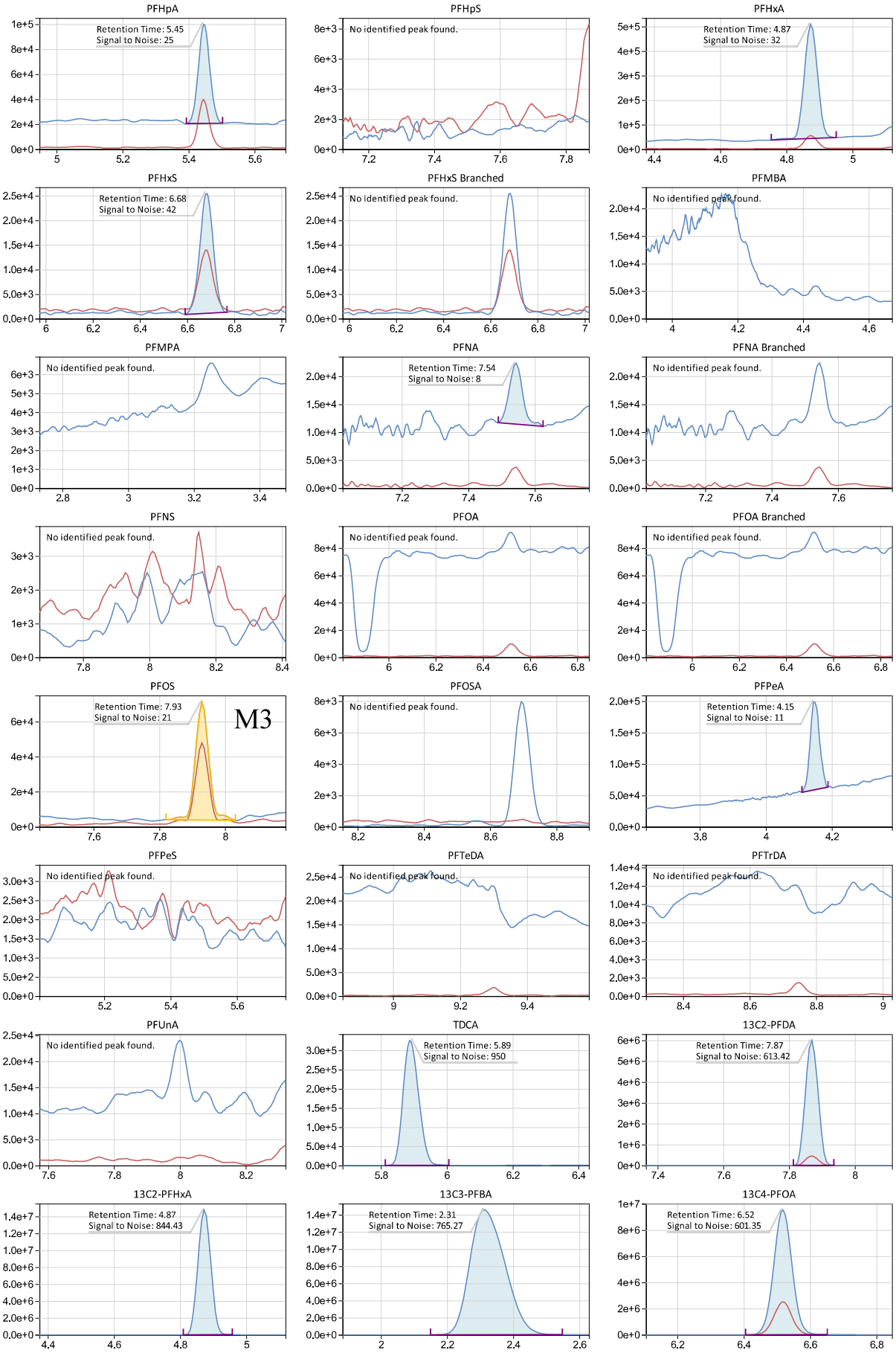
Analyte Name	Observed RT (min)	Response	Qual Ion Responses	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Expected Ion Ratios	Signal to noise
M-PFTeDA-13C2	9.30	5210857.4	n/a	No	16138177.7	0.32	0.979	n/a	715.20>669.90	n/a	n/a	No expected Ion Ratio	264
M-PFUnA-13C7	8.07	17140351.3	n/a	No	16138177.7	1.06	1.15 (ALoQ)	n/a	569.85>524.91	n/a	n/a	No expected Ion Ratio	719
NEtFOSA	n/a	n/a	Not Detected	No	7275275.2	n/a	n/a	n/a	525.90>219.00	525.90>169.00	Not calculated	0.512	n/a
NEtFOSAA	n/a	n/a	Not Detected	No	14246318.6	n/a	n/a	n/a	584.00>418.80	584.00>525.90	Not calculated	1.543	n/a
NEtFOSE	n/a	n/a	n/a	No	41028436.2	n/a	n/a	n/a	630.00>59.00	n/a	n/a	No expected Ion Ratio	n/a
NFDHA	4.81	10600.4	14512.8	No	36309077.1	0.00	0.00571	n/a	294.90>201.00	294.90>85.00	0.730	1.101	10
NMeFOSA	n/a	n/a	Not Detected	No	6926621.8	n/a	n/a	n/a	511.90>219.00	511.90>169.10	Not calculated	0.568	n/a
NMeFOSAA	n/a	n/a	Not Detected	No	14591766.2	n/a	n/a	n/a	569.77>418.97	569.77>482.73	Not calculated	2.098	n/a
NMeFOSE	n/a	n/a	n/a	No	4816278.1	n/a	n/a	n/a	616.00>59.00	n/a	n/a	No expected Ion Ratio	n/a
PFBA	2.32	259392.6	n/a	No	125762225.9	0.02	0.0233	n/a	212.90>169.00	n/a	n/a	No expected Ion Ratio	4
PFBS	n/a	n/a	Not Detected	No	32649859.5	n/a	n/a	n/a	298.78>79.91	298.78>98.90	Not calculated	2.403	n/a
PFDA	n/a	n/a	Not Detected	No	19693868.9	n/a	n/a	n/a	512.86>468.81	512.86>218.87	Not calculated	3.523	n/a
PFDoA	n/a	n/a	Not Detected	No	15577174.9	n/a	n/a	n/a	612.70>568.88	612.70>168.95	Not calculated	3.337	n/a
PFDoS	n/a	n/a	Not Detected	No	22757452.8	n/a	n/a	n/a	698.90>80.04	698.90>98.85	Not calculated	1.676	n/a
PFDS	n/a	n/a	Not Detected	No	22757452.8	n/a	n/a	n/a	598.71>79.97	598.71>98.98	Not calculated	1.694	n/a
PFEESA	n/a	n/a	Not Detected	No	36309077.1	n/a	n/a	n/a	314.85>134.99	314.85>82.94	Not calculated	7.812	n/a
PFHpA	5.45	194223.7	92828.3	No	40576423.0	0.01	0.0103	n/a	362.84>318.87	362.84>168.99	2.092	2.216	25
PFHpS	n/a	n/a	Not Detected	No	22757452.8	n/a	n/a	n/a	448.90>79.90	448.90>99.00	Not calculated	1.740	n/a
PFHxA	4.87	1288555.5	152697.2	No	36309077.1	0.07	0.0731	n/a	312.90>269.00	312.90>119.00	8.439	8.513	32
PFHxS	6.68	98467.3	55480.4	No	24237049.2	0.01	0.00754	n/a	398.77>80.07	398.77>98.95	1.775	1.804	42
PFHxS Branched	n/a	n/a	55480.4	Yes	24237049.2	n/a	n/a	n/a	398.77>80.07	398.77>98.95	1.775	2.490	n/a
PFMBA	n/a	n/a	n/a	No	72970921.5	n/a	n/a	n/a	279.08>85.04	n/a	n/a	No expected Ion Ratio	n/a
PFMPA	n/a	n/a	n/a	No	72970921.5	n/a	n/a	n/a	229.00>85.00	n/a	n/a	No expected Ion Ratio	n/a
PFNA	7.54	30768.2	8532.9	No	18445069.8	0.00	0.00170	n/a	462.84>418.88	462.84>218.93	3.606	2.991	8
PFNA Branched	n/a	n/a	3270.5	Yes	18445069.8	n/a	n/a	n/a	462.84>418.88	462.84>218.93	Not calculated	1.268	n/a
PFNS	n/a	n/a	Not Detected	No	22757452.8	n/a	n/a	n/a	548.84>79.85	548.84>98.99	Not calculated	1.572	n/a
PFOA	n/a	n/a	36506.0	Yes	37064903.7	n/a	n/a	n/a	412.87>368.92	412.87>168.88	2.269	1.434	n/a
PFOA Branched	n/a	n/a	2861.8	Yes	37064903.7	n/a	n/a	n/a	412.87>368.92	412.87>168.88	Not calculated	0.959	n/a
PFOS	7.93	192805.9	127756.7	Yes	22757452.8	0.02	0.0153	n/a	498.80>80.02	498.80>98.82	1.509	1.827	21
PFOSA	n/a	n/a	1724.4	Yes	32740069.4	n/a	n/a	n/a	498.10>77.90	498.10>169.20	15.491	38.388	n/a
PFPeA	4.15	283152.4	n/a	No	72970921.5	0.02	0.0246	n/a	262.90>219.00	n/a	n/a	No expected Ion Ratio	11
PFPeS	n/a	n/a	Not Detected	No	24237049.2	n/a	n/a	n/a	348.88>79.93	348.88>98.96	Not calculated	2.388	n/a
PFTeDA	n/a	n/a	Not Detected	No	5253131.6	n/a	n/a	n/a	712.77>668.81	712.77>168.91	Not calculated	2.381	n/a
PFTrDA	n/a	n/a	Not Detected	No	15577174.9	n/a	n/a	n/a	662.89>618.98	662.89>168.88	Not calculated	2.453	n/a
PFUnA	n/a	n/a	7227.8	Yes	17140351.3	n/a	n/a	n/a	562.90>518.88	562.90>269.07	5.173	4.300	n/a

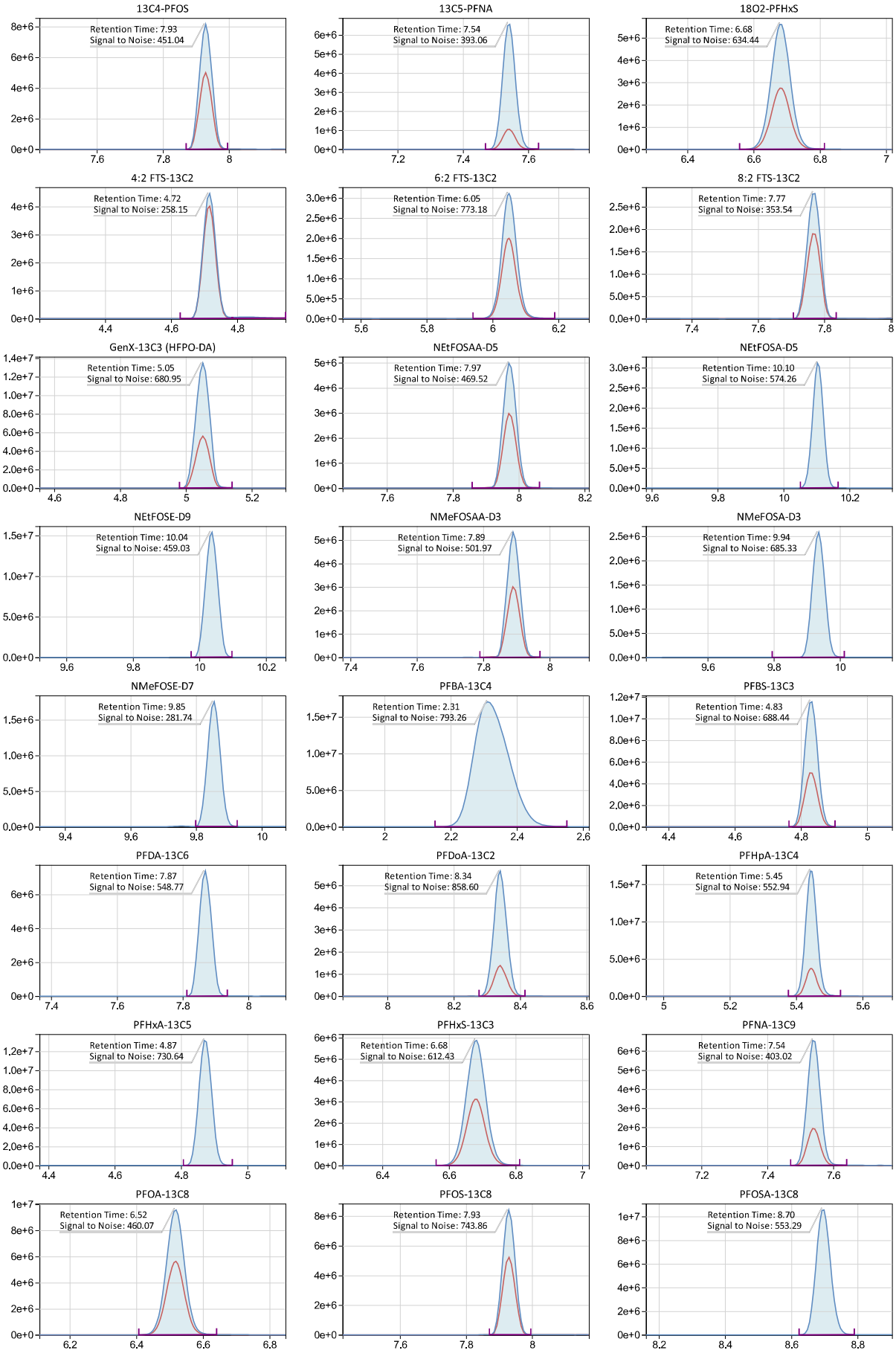
Analyte Name	Observed RT (min)	Response	Qual Ion Responses	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Expected Ion Ratios	Signal to noise
TDCA	5.89	1075356.8	n/a	No	n/a	n/a	Not calculated	n/a	498.00>80.00	n/a	n/a	No expected Ion Ratio	950
13C2-PFDA	7.87	16138177.7	1271791.9	No	n/a	n/a	1.22	22.03	514.85>469.84	514.85>168.82	12.689	12.718	613.42
13C2-PFHxA	4.87	40463397.4	n/a	No	n/a	n/a	2.31	15.48	315.02>270.01	n/a	n/a	No expected Ion Ratio	844.43
13C3-PFBA	2.31	108016674.2	n/a	No	n/a	n/a	4.30	7.56	216.94>171.90	n/a	n/a	No expected Ion Ratio	765.27
13C4-PFOA	6.52	36878481.5	9781824.8	No	n/a	n/a	2.13	6.47	416.91>371.91	416.91>171.98	3.770	3.596	601.35
13C4-PFOS	7.93	22032422.1	13474778.9	No	n/a	n/a	2.05	6.86	502.82>79.99	502.82>98.84	1.635	1.796	451.04
13C5-PFNA	7.54	18448196.3	2956170.9	No	n/a	n/a	1.12	11.92	467.88>422.93	467.88>172.00	6.241	6.239	393.06
18O2-PFHxS	6.68	23229994.6	11340911.5	No	n/a	n/a	1.90	0.34	402.81>83.93	402.81>103.00	2.048	2.097	634.44
4:2 FTS-13C2	4.72	12327247.3	11051669.9	No	n/a	n/a	4.27	13.72	328.89>80.98	328.89>308.89	1.115	1.064	258.15
6:2 FTS-13C2	6.05	10039528.9	6365581.8	No	n/a	n/a	3.79	-0.25	428.78>81.03	428.78>408.92	1.577	1.451	773.18
8:2 FTS-13C2	7.77	8186202.1	5546142.8	No	n/a	n/a	4.15	8.07	528.79>80.99	528.79>508.84	1.476	1.313	353.54
GenX-13C3 (HFPO-DA)	5.05	40106601.0	16540954.3	No	n/a	n/a	8.92	11.44	286.87>168.89	286.87>184.86	2.425	2.360	680.95
NEtFOSAA-D5	7.97	14246318.6	8448406.7	No	n/a	n/a	4.70	17.60	588.92>418.86	588.92>530.91	1.686	1.634	469.52
NEtFOSA-D5	10.10	7275275.2	n/a	No	n/a	n/a	1.99	-0.61	531.00>219.00	n/a	n/a	No expected Ion Ratio	574.26
NEtFOSE-D9	10.04	41028436.2	n/a	No	n/a	n/a	18.9	-5.49	639.00>59.00	n/a	n/a	No expected Ion Ratio	459.03
NMeFOSAA-D3	7.89	14591766.2	8299658.9	No	n/a	n/a	6.76	68.99	572.83>418.90	572.83>168.89	1.758	1.777	501.97
NMeFOSA-D3	9.94	6926621.8	n/a	No	n/a	n/a	2.21	10.61	515.00>219.00	n/a	n/a	No expected Ion Ratio	685.33
NMeFOSE-D7	9.85	4816278.1	n/a	No	n/a	n/a	21.9	9.66	623.90>59.00	n/a	n/a	No expected Ion Ratio	281.74
PFBA-13C4	2.31	125762225.9	n/a	No	n/a	n/a	9.07	13.36	216.86>171.89	n/a	n/a	No expected Ion Ratio	793.26
PFBS-13C3	4.83	32649859.5	14077965.2	No	n/a	n/a	2.15	15.33	301.84>79.97	301.84>98.92	2.319	2.171	688.44
PFDA-13C6	7.87	19693868.9	n/a	No	n/a	n/a	1.26	26.44	518.90>473.90	n/a	n/a	No expected Ion Ratio	548.77
PFDoA-13C2	8.34	15577174.9	3753497.3	No	n/a	n/a	1.40	40.02	614.82>569.80	614.82>168.94	4.150	3.844	858.60
PFHpA-13C4	5.45	40576423.0	8902775.0	No	n/a	n/a	2.18	8.78	366.93>321.94	366.93>171.90	4.558	4.478	552.94
PFHxA-13C5	4.87	36309077.1	n/a	No	n/a	n/a	2.20	10.10	317.79>272.91	n/a	n/a	No expected Ion Ratio	730.64
PFHxS-13C3	6.68	24237049.2	12694114.4	No	n/a	n/a	1.95	2.82	401.76>79.99	401.76>98.99	1.909	1.969	612.43
PFNA-13C9	7.54	18445069.8	5430904.4	No	n/a	n/a	1.11	10.99	471.82>426.89	471.82>172.14	3.396	3.521	403.02
PFOA-13C8	6.52	37064903.7	21906354.0	No	n/a	n/a	2.11	5.74	420.82>375.84	420.82>171.84	1.692	1.628	460.07
PFOS-13C8	7.93	22757452.8	14145421.2	No	n/a	n/a	2.14	11.90	506.84>79.94	506.84>98.98	1.609	1.604	743.86
PFOSA-13C8	8.70	32740069.4	n/a	No	n/a	n/a	2.38	19.19	505.74>78.04	n/a	n/a	No expected Ion Ratio	553.29
PFPeA-13C5	4.15	72970921.5	n/a	No	n/a	n/a	4.49	12.34	268.00>222.94	n/a	n/a	No expected Ion Ratio	1004.35
PFTeDA-13C2	9.30	5253131.6	n/a	No	n/a	n/a	1.24	23.98	715.20>669.90	n/a	n/a	No expected Ion Ratio	2473.97
PFUnA-13C7	8.07	17140351.3	n/a	No	n/a	n/a	1.37	37.07	569.85>524.91	n/a	n/a	No expected Ion Ratio	718.68

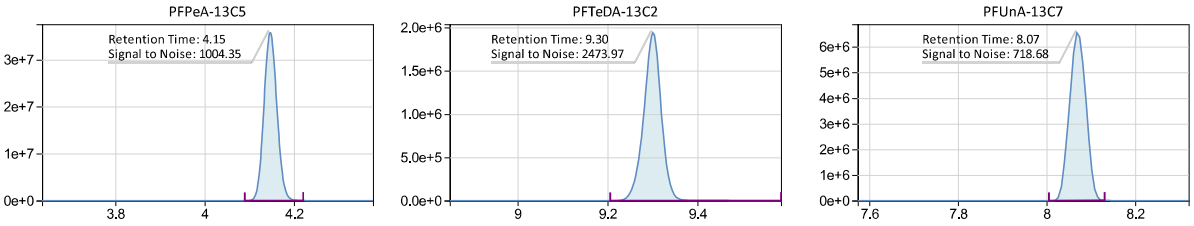
QUAN Qual #1


11Cl-PF3OUdS
No identified peak found.
3:3FTCA
No identified peak found.
4:2 FTS
No identified peak found.
5:3FTCA
No identified peak found.
6:2 FTS
No identified peak found.
7:3FTCA
No identified peak found.
8:2 FTS
No identified peak found.
9Cl-PF3ONS
No identified peak found.
ADONA
No identified peak found.
GenX (HFPO-DA)
No identified peak found.
M-4:2 FTS-13C2
Retention Time: 4.72
Signal to Noise: 258
M-6:2 FTS-13C2
Retention Time: 6.05
Signal to Noise: 773
M-8:2 FTS-13C2
Retention Time: 7.77
Signal to Noise: 354
M-GenX-13C3 (HFPO-DA)
Retention Time: 5.05
Signal to Noise: 681
M-NEtFOSAA-D5
Retention Time: 7.97
Signal to Noise: 470
M-NEtFOSA-D5
Retention Time: 10.10
Signal to Noise: 574
M-NEtFOSE-D9
Retention Time: 10.04
Signal to Noise: 459
M-NMeFOSAA-D3
Retention Time: 7.89
Signal to Noise: 502
M-NMeFOSA-D3
Retention Time: 9.94
Signal to Noise: 685
M-NMeFOSE-D7
Retention Time: 9.85
Signal to Noise: 282
M-PFBA-13C4
Retention Time: 2.31
Signal to Noise: 793
M-PFBS-13C3
Retention Time: 4.83
Signal to Noise: 688
M-PFDA-13C6
Retention Time: 7.87
Signal to Noise: 549
M-PFDoA-13C2
Retention Time: 8.34
Signal to Noise: 859


M-PFHpA-13C4
Retention Time: 5.45
Signal to Noise: 553
M-PFHxA-13C5
Retention Time: 4.87
Signal to Noise: 731
M-PFHxS-13C3
Retention Time: 6.68
Signal to Noise: 612
M-PFNA-13C9
Retention Time: 7.54
Signal to Noise: 403
M-PFOA-13C8
Retention Time: 6.52
Signal to Noise: 460
M-PFOS-13C8
Retention Time: 7.93
Signal to Noise: 744
M-PFOSA-13C8
Retention Time: 8.70
Signal to Noise: 553
M-PFPeA-13C5
Retention Time: 4.15
Signal to Noise: 1004
M-PFTeDA-13C2
Retention Time: 9.30
Signal to Noise: 264
M-PFUnA-13C7
Retention Time: 8.07
Signal to Noise: 719
NEtFOSA
No identified peak found.
NEtFOSAA
No identified peak found.
NEtFOSE
No identified peak found.
NFDHA
Retention Time: 4.81
Signal to Noise: 10
NMeFOSA
No identified peak found.
NMeFOSAA
No identified peak found.
NMeFOSE
No identified peak found.
PFBA
Retention Time: 2.32
Signal to Noise: 4
PFBS
No identified peak found.
PFDA
No identified peak found.
PFDoA
No identified peak found.
PFDoS
No identified peak found.
PFDS
No identified peak found.
PFEESA
No identified peak found.


PFHpA
Retention Time: 5.45
Signal to Noise: 25
PFHpS
No identified peak found.
PFHxA
Retention Time: 4.87
Signal to Noise: 32
PFHxS
Retention Time: 6.68
Signal to Noise: 42
PFHxS Branched
No identified peak found.
PFMBA
No identified peak found.
PFMPA
No identified peak found.
PFNA
Retention Time: 7.54
Signal to Noise: 8
PFNA Branched
No identified peak found.
PFNS
No identified peak found.
PFOA
No identified peak found.
PFOA Branched
No identified peak found.
PFOS
Retention Time: 7.93
Signal to Noise: 21
M3
PFOSA
No identified peak found.
PFPeA
Retention Time: 4.15
Signal to Noise: 11
PFPeS
No identified peak found.
PFTeDA
No identified peak found.
PFTrDA
No identified peak found.
PFUnA
No identified peak found.
TDCA
Retention Time: 5.89
Signal to Noise: 950
13C2-PFDA
Retention Time: 7.87
Signal to Noise: 613.42
13C2-PFHxA
Retention Time: 4.87
Signal to Noise: 844.43
13C3-PFBA
Retention Time: 2.31
Signal to Noise: 765.27
13C4-PFOA
Retention Time: 6.52
Signal to Noise: 601.35


13C4-PFOS
Retention Time: 7.93
Signal to Noise: 451.04
13C5-PFNA
Retention Time: 7.54
Signal to Noise: 393.06
18O2-PFHxS
Retention Time: 6.68
Signal to Noise: 634.44
4:2 FTS-13C2
Retention Time: 4.72
Signal to Noise: 258.15
6:2 FTS-13C2
Retention Time: 6.05
Signal to Noise: 773.18
8:2 FTS-13C2
Retention Time: 7.77
Signal to Noise: 353.54
GenX-13C3 (HFPO-DA)
Retention Time: 5.05
Signal to Noise: 680.95
NEtFOSAA-D5
Retention Time: 7.97
Signal to Noise: 469.52
NEtFOSA-D5
Retention Time: 10.10
Signal to Noise: 574.26
NEtFOSE-D9
Retention Time: 10.04
Signal to Noise: 459.03
NMeFOSAA-D3
Retention Time: 7.89
Signal to Noise: 501.97
NMeFOSA-D3
Retention Time: 9.94
Signal to Noise: 685.33
NMeFOSE-D7
Retention Time: 9.85
Signal to Noise: 281.74
PFBA-13C4
Retention Time: 2.31
Signal to Noise: 793.26
PFBS-13C3
Retention Time: 4.83
Signal to Noise: 688.44
PFDA-13C6
Retention Time: 7.87
Signal to Noise: 548.77
PFDoA-13C2
Retention Time: 8.34
Signal to Noise: 858.60
PFHpA-13C4
Retention Time: 5.45
Signal to Noise: 552.94
PFHxA-13C5
Retention Time: 4.87
Signal to Noise: 730.64
PFHxS-13C3
Retention Time: 6.68
Signal to Noise: 612.43
PFNA-13C9
Retention Time: 7.54
Signal to Noise: 403.02
PFOA-13C8
Retention Time: 6.52
Signal to Noise: 460.07
PFOS-13C8
Retention Time: 7.93
Signal to Noise: 743.86
PFOSA-13C8
Retention Time: 8.70
Signal to Noise: 553.29


PFPeA-13C5
Retention Time: 4.15
Signal to Noise: 1004.35
3e+7
2e+7
1e+7
0e+0
3.8
4
4.2
PFTeDA-13C2
Retention Time: 9.30
Signal to Noise: 2473.97
2.0e+6
1.5e+6
1.0e+6
5.0e+5
0.0e+0
9
9.2
9.4
PFUnA-13C7
Retention Time: 8.07
Signal to Noise: 718.68
6e+6
5e+6
4e+6
3e+6
2e+6
1e+6
0e+0
7.6
7.8
8
8.2

2LC04244 TDCA

Unknown, Injection volume: 3 µL, Replicate 1 of 1, Acquisition date time: Oct 09, 2025 14:45:03

Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
11Cl-PF3OUdS	n/a	n/a	No	23653347.4	n/a	Not Detected	No level	n/a	630.85>450.77	630.85>82.97	Not calculated	n/a	n/a	n/a
3:3FTCA	n/a	n/a	No	46525129.2	n/a	Not Detected	No level	n/a	241.10>177.00	241.10>117.00	Not calculated	n/a	n/a	n/a
4:2 FTS	n/a	n/a	No	9030474.7	n/a	Not Detected	No level	n/a	326.85>306.99	326.85>80.98	Not calculated	n/a	n/a	n/a
5:3FTCA	n/a	n/a	No	34590524.6	n/a	Not Detected	No level	n/a	341.00>237.00	341.00>217.00	Not calculated	n/a	n/a	n/a
6:2 FTS	n/a	n/a	No	7245025.2	n/a	Not Detected	No level	n/a	426.87>406.78	426.87>81.02	Not calculated	n/a	n/a	n/a
7:3FTCA	n/a	n/a	No	34590524.6	n/a	Not Detected	No level	n/a	441.00>317.00	441.00>337.00	Not calculated	n/a	n/a	n/a
8:2 FTS	n/a	n/a	No	6283737.4	n/a	Not Detected	No level	n/a	526.77>506.90	526.77>80.98	Not calculated	n/a	n/a	n/a
9Cl-PF3ONS	n/a	n/a	No	23653347.4	n/a	Not Detected	No level	n/a	530.71>350.80	530.71>83.03	Not calculated	n/a	n/a	n/a
ADONA	n/a	n/a	No	20139449.2	n/a	Not Detected	No level	n/a	376.85>250.90	376.85>84.96	Not calculated	n/a	n/a	n/a
GenX (HFPO-DA)	5.19	7206.6	No	20139449.2	0.00	0.00360 ng/mL	No level	n/a	285.00>168.90	285.00>185.00	10.645	2	n/a	n/a
M-4:2 FTS-13C2	4.84	9030474.7	No	22862190.8	0.75	3.86 ng/mL	No level	n/a	328.89>80.98	328.89>308.89	1.121	159	n/a	n/a
M-6:2 FTS-13C2	6.43	7245025.2	No	22862190.8	0.60	4.03 ng/mL (ALoQ)	No level	n/a	428.78>81.03	428.78>408.92	1.105	447	n/a	n/a
M-8:2 FTS-13C2	7.93	6283737.4	No	22862190.8	0.52	3.78 ng/mL	No level	n/a	528.79>80.99	528.79>508.84	1.150	856	n/a	n/a
M-GenX-13C3 (HFPO-DA)	5.20	20139449.2	No	26818215.6	1.50	7.74 ng/mL	No level	n/a	286.87>168.89	286.87>184.86	2.371	357	n/a	n/a
M-NEtFOSA-D5	10.18	9766134.3	No	23434861.5	0.80	2.02 ng/mL	No level	n/a	531.00>219.00	n/a	n/a	274	n/a	n/a
M-NEtFOSAA-D5	8.14	11292992.0	No	23434861.5	0.92	3.95 ng/mL	No level	n/a	588.92>418.86	588.92>530.91	1.877	406	n/a	n/a
M-NEtFOSE-D9	10.12	43236188.7	No	23434861.5	3.53	20.2 ng/mL	No level	n/a	639.00>59.00	n/a	n/a	384	n/a	n/a
M-NMeFOSA-D3	10.01	8914231.4	No	23434861.5	0.73	1.98 ng/mL	No level	n/a	515.00>219.00	n/a	n/a	355	n/a	n/a
M-NMeFOSAA-D3	8.05	19973398.9	No	23434861.5	1.63	3.48 ng/mL	No level	n/a	572.83>418.90	572.83>168.89	2.101	408	n/a	n/a
M-NMeFOSE-D7	9.93	4899013.6	No	23434861.5	0.40	19.7 ng/mL	No level	n/a	623.90>59.00	n/a	n/a	284	n/a	n/a
M-PFBA-13C4	2.52	116724608.6	No	119119414.0	3.92	7.89 ng/mL	No level	n/a	216.86>171.89	n/a	n/a	247	n/a	n/a
M-PFBS-13C3	4.98	28779132.4	No	22862190.8	2.39	1.93 ng/mL	No level	n/a	301.84>79.97	301.84>98.92	2.073	400	n/a	n/a
M-PFDA-13C6	8.03	18420250.5	No	17150430.4	1.07	1.03 ng/mL	No level	n/a	518.90>473.90	n/a	n/a	656	n/a	n/a
M-PFDoA-13C2	8.68	12686125.0	No	17150430.4	0.74	1.02 ng/mL	No level	n/a	614.82>569.80	614.82>168.94	4.124	387	n/a	n/a
M-PFHpA-13C4	5.69	34590524.6	No	26818215.6	2.58	1.95 ng/mL	No level	n/a	366.93>321.94	366.93>171.90	4.544	394	n/a	n/a
M-PFHxA-13C5	5.00	36090860.9	No	26818215.6	2.69	2.00 ng/mL	No level	n/a	317.79>272.91	n/a	n/a	368	n/a	n/a
M-PFHxS-13C3	7.13	23710577.8	No	22862190.8	1.97	1.94 ng/mL	No level	n/a	401.76>79.99	401.76>98.99	2.033	260	n/a	n/a
M-PFNA-13C9	7.74	17656412.6	No	17702630.8	1.00	0.980 ng/mL	No level	n/a	471.82>426.89	471.82>172.14	3.490	491	n/a	n/a
M-PFOA-13C8	6.95	36616482.3	No	33909815.6	2.16	2.01 ng/mL	No level	n/a	420.82>375.84	420.82>171.84	1.703	375	n/a	n/a
M-PFOS-13C8	8.11	23653347.4	No	23434861.5	1.93	1.89 ng/mL	No level	n/a	506.84>79.94	506.84>98.98	1.732	410	n/a	n/a

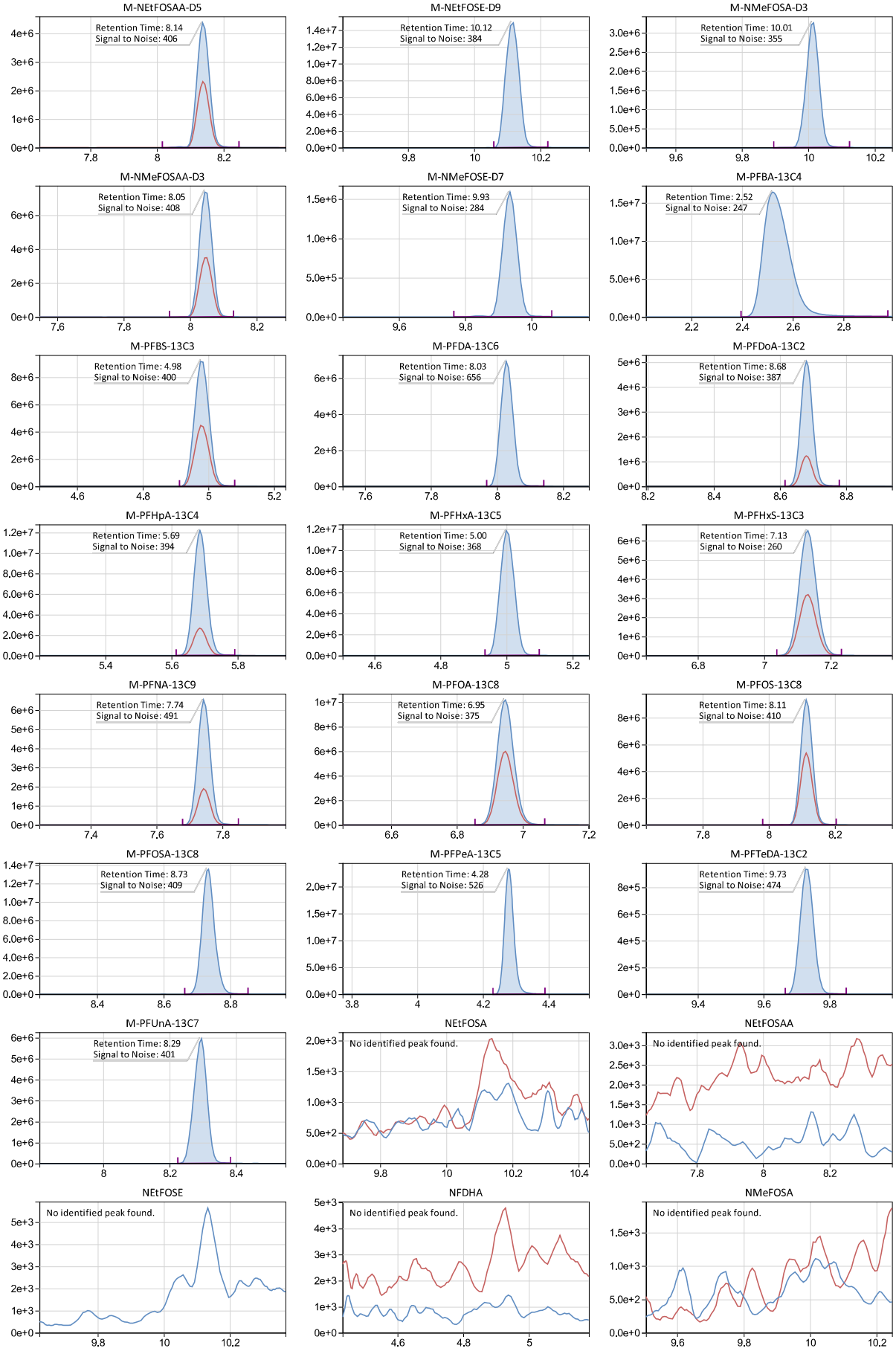
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
M-PFOSA-13C8	8.73	36131088.7	No	23434861.5	2.95	1.96 ng/mL	No level	n/a	505.74>78.04	n/a	n/a	409	n/a	n/a
M-PFPeA-13C5	4.28	46525129.2	No	26818215.6	3.47	4.10 ng/mL	No level	n/a	268.00>222.94	n/a	n/a	526	n/a	n/a
M-PFTeDA-13C2	9.73	2746005.5	No	17150430.4	0.16	1.03 ng/mL	No level	n/a	715.20>669.90	n/a	n/a	474	n/a	n/a
M-PFUnA-13C7	8.29	16525529.0	No	17150430.4	0.96	1.08 ng/mL (ALoQ)	No level	n/a	569.85>524.91	n/a	n/a	401	n/a	n/a
NEtFOSA	n/a	n/a	No	9766134.3	n/a	Not Detected	No level	n/a	525.90>219.00	525.90>169.00	Not calculated	n/a	n/a	n/a
NEtFOSAA	n/a	n/a	No	11292992.0	n/a	Not Detected	No level	n/a	584.00>418.80	584.00>525.90	Not calculated	n/a	n/a	n/a
NEtFOSE	n/a	n/a	No	43236188.7	n/a	Not Detected	No level	n/a	630.00>59.00	n/a	n/a	n/a	n/a	n/a
NFDHA	n/a	n/a	No	36090860.9	n/a	Not Detected	No level	n/a	294.90>201.00	294.90>85.00	Not calculated	n/a	n/a	n/a
NMeFOSA	n/a	n/a	No	8914231.4	n/a	Not Detected	No level	n/a	511.90>219.00	511.90>169.10	Not calculated	n/a	n/a	n/a
NMeFOSAA	n/a	n/a	No	19973398.9	n/a	Not Detected	No level	n/a	569.77>418.97	569.77>482.73	Not calculated	n/a	n/a	n/a
NMeFOSE	n/a	n/a	No	4899013.6	n/a	Not Detected	No level	n/a	616.00>59.00	n/a	n/a	n/a	n/a	n/a
PFBA	n/a	n/a	No	116724608.6	n/a	Not Detected	No level	n/a	212.90>169.00	n/a	n/a	n/a	n/a	n/a
PFBS	n/a	n/a	No	28779132.4	n/a	Not Detected	No level	n/a	298.78>79.91	298.78>98.90	Not calculated	n/a	n/a	n/a
PFDA	n/a	n/a	No	18420250.5	n/a	Not Detected	No level	n/a	512.86>468.81	512.86>218.87	Not calculated	n/a	n/a	n/a
PFDoA	n/a	n/a	No	12686125.0	n/a	Not Detected	No level	n/a	612.70>568.88	612.70>168.95	Not calculated	n/a	n/a	n/a
PFDoS	n/a	n/a	No	23653347.4	n/a	Not Detected	No level	n/a	698.90>80.04	698.90>98.85	Not calculated	n/a	n/a	n/a
PFDS	n/a	n/a	No	23653347.4	n/a	Not Detected	No level	n/a	598.71>79.97	598.71>98.98	Not calculated	n/a	n/a	n/a
PFEESA	n/a	n/a	No	36090860.9	n/a	Not Detected	No level	n/a	314.85>134.99	314.85>82.94	Not calculated	n/a	n/a	n/a
PFHpA	5.69	149025.1	No	34590524.6	0.01	0.0103 ng/mL	No level	n/a	362.84>318.87	362.84>168.99	1.849	21	n/a	n/a
PFHpS	n/a	n/a	No	23653347.4	n/a	Not Detected	No level	n/a	448.90>79.90	448.90>99.00	Not calculated	n/a	n/a	n/a
PFHxA	5.00	1143419.1	No	36090860.9	0.06	0.0773 ng/mL	No level	n/a	312.90>269.00	312.90>119.00	8.574	36	n/a	n/a
PFHxS	7.13	92786.5	No	23710577.8	0.01	0.00755 ng/mL	No level	n/a	398.77>80.07	398.77>98.95	1.819	22	n/a	n/a
PFHxS Branched	n/a	n/a	Yes	23710577.8	n/a	Not Detected	No level	n/a	398.77>80.07	398.77>98.95	Not calculated	n/a	n/a	n/a
PFMBA	n/a	n/a	No	46525129.2	n/a	Not Detected	No level	n/a	279.08>85.04	n/a	n/a	n/a	n/a	n/a
PFMPA	n/a	n/a	No	46525129.2	n/a	Not Detected	No level	n/a	229.00>85.00	n/a	n/a	n/a	n/a	n/a
PFNA	n/a	n/a	Yes	17656412.6	n/a	Not Detected	No level	n/a	462.84>418.88	462.84>218.93	Not calculated	n/a	n/a	n/a
PFNA Branched	n/a	n/a	Yes	17656412.6	n/a	Not Detected	No level	n/a	462.84>418.88	462.84>218.93	Not calculated	n/a	n/a	n/a
PFNS	n/a	n/a	No	23653347.4	n/a	Not Detected	No level	n/a	548.84>79.85	548.84>98.99	Not calculated	n/a	n/a	n/a
PFOA	6.95	83725.3	No	36616482.3	0.00	0.00618 ng/mL	No level	n/a	412.87>368.92	412.87>168.88	1.665	3	n/a	n/a
PFOA Branched	n/a	n/a	Yes	36616482.3	n/a	Not Detected	No level	n/a	412.87>368.92	412.87>168.88	Not calculated	n/a	n/a	n/a
PFOS	8.12	182991.3	Yes	23653347.4	0.01	0.0148 ng/mL	No level	n/a	498.80>80.02	498.80>98.82	1.283	43	n/a	n/a

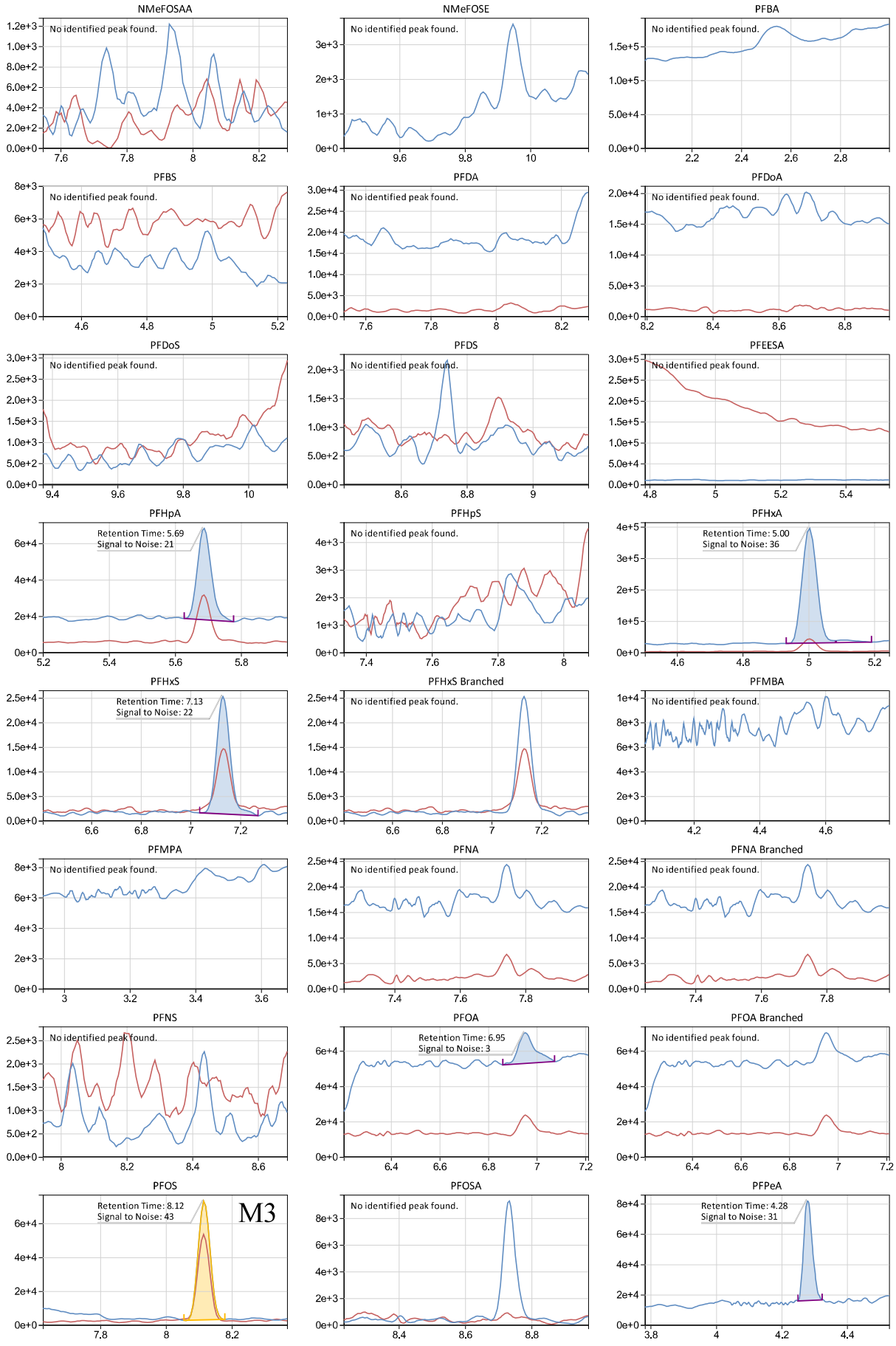
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
PFOSA	n/a	n/a	Yes	36131088.7	n/a	Not Detected	No level	n/a	498.10>77.90	498.10>169.20	Not calculated	n/a	n/a	n/a
PFPeA	4.28	121559.5	No	46525129.2	0.01	0.0246 ng/mL	No level	n/a	262.90>219.00	n/a	n/a	31	n/a	n/a
PFPeS	n/a	n/a	No	23710577.8	n/a	Not Detected	No level	n/a	348.88>79.93	348.88>98.96	Not calculated	n/a	n/a	n/a
PFTeDA	9.73	14826.5	No	2746005.5	0.01	0.00174 ng/mL	No level	n/a	712.77>668.81	712.77>168.91	2.493	1	n/a	n/a
PFTrDA	n/a	n/a	No	12686125.0	n/a	Not Detected	No level	n/a	662.89>618.98	662.89>168.88	Not calculated	n/a	n/a	n/a
PFUnA	n/a	n/a	No	16525529.0	n/a	Not Detected	No level	n/a	562.90>518.88	562.90>269.07	Not calculated	n/a	n/a	n/a
TDCA	6.19	2071602.4	No	n/a	n/a	Not calculated	No level	n/a	498.00>80.00	n/a	n/a	17	n/a	n/a
13C2-PFDA	8.03	17150430.4	No	n/a	n/a	0.966	-3.42	96.58	514.85>469.84	514.85>168.82	11.907	3905	n/a	n/a
13C2-PFHxA	5.00	26818215.6	No	n/a	n/a	1.98	-0.91	99.09	315.02>270.01	n/a	n/a	326	n/a	n/a
13C3-PFBA	2.52	119119414.0	No	n/a	n/a	4.21	5.30	105.30	216.94>171.90	n/a	n/a	270	n/a	n/a
13C4-PFOA	6.95	33909815.6	No	n/a	n/a	2.00	0.01	100.01	416.91>371.91	416.91>171.98	3.643	437	n/a	n/a
13C4-PFOS	8.11	23434861.5	No	n/a	n/a	1.90	-0.58	99.42	502.82>79.99	502.82>98.84	1.692	644	n/a	n/a
13C5-PFNA	7.74	17702630.8	No	n/a	n/a	0.980	-1.99	98.01	467.88>422.93	467.88>172.00	6.550	386	n/a	n/a
18O2-PFHxS	7.13	22862190.8	No	n/a	n/a	1.84	-2.75	97.25	402.81>83.93	402.81>103.00	2.181	466	n/a	n/a
4:2 FTS-13C2	4.84	9030474.7	No	n/a	n/a	3.74	-0.32	99.68	328.89>80.98	328.89>308.89	1.121	159	n/a	n/a
6:2 FTS-13C2	6.43	7245025.2	No	n/a	n/a	3.86	1.38	101.38	428.78>81.03	428.78>408.92	1.105	447	n/a	n/a
8:2 FTS-13C2	7.93	6283737.4	No	n/a	n/a	3.52	-8.21	91.79	528.79>80.99	528.79>508.84	1.150	856	n/a	n/a
GenX-13C3 (HFPO-DA)	5.20	20139449.2	No	n/a	n/a	7.65	-4.34	95.66	286.87>168.89	286.87>184.86	2.371	357	n/a	n/a
NEtFOSA-D5	10.18	9766134.3	No	n/a	n/a	2.03	1.25	101.25	531.00>219.00	n/a	n/a	274	n/a	n/a
NEtFOSAA-D5	8.14	11292992.0	No	n/a	n/a	3.94	-1.49	98.51	588.92>418.86	588.92>530.91	1.877	406	n/a	n/a
NEtFOSE-D9	10.12	43236188.7	No	n/a	n/a	20.1	0.37	100.37	639.00>59.00	n/a	n/a	384	n/a	n/a
NMeFOSA-D3	10.01	8914231.4	No	n/a	n/a	1.98	-0.97	99.03	515.00>219.00	n/a	n/a	355	n/a	n/a
NMeFOSAA-D3	8.05	19973398.9	No	n/a	n/a	3.35	-16.13	83.87	572.83>418.90	572.83>168.89	2.101	408	n/a	n/a
NMeFOSE-D7	9.93	4899013.6	No	n/a	n/a	19.6	-2.08	97.92	623.90>59.00	n/a	n/a	284	n/a	n/a
PFBA-13C4	2.52	116724608.6	No	n/a	n/a	8.31	3.90	103.90	216.86>171.89	n/a	n/a	247	n/a	n/a
PFBS-13C3	4.98	28779132.4	No	n/a	n/a	1.86	-0.46	99.54	301.84>79.97	301.84>98.92	2.073	400	n/a	n/a
PFDA-13C6	8.03	18420250.5	No	n/a	n/a	0.988	-1.23	98.77	518.90>473.90	n/a	n/a	656	n/a	n/a
PFDoA-13C2	8.68	12686125.0	No	n/a	n/a	0.993	-0.66	99.34	614.82>569.80	614.82>168.94	4.124	387	n/a	n/a
PFHpA-13C4	5.69	34590524.6	No	n/a	n/a	1.92	-3.91	96.09	366.93>321.94	366.93>171.90	4.544	394	n/a	n/a
PFHxA-13C5	5.00	36090860.9	No	n/a	n/a	1.97	-1.25	98.75	317.79>272.91	n/a	n/a	368	n/a	n/a
PFHxS-13C3	7.13	23710577.8	No	n/a	n/a	1.88	-0.82	99.18	401.76>79.99	401.76>98.99	2.033	260	n/a	n/a

Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
PFNA-13C9	7.74	17656412.6	No	n/a	n/a	0.963	-3.72	96.28	471.82>426.89	471.82>172.14	3.490	491	n/a	n/a
PFOA-13C8	6.95	36616482.3	No	n/a	n/a	2.01	0.42	100.42	420.82>375.84	420.82>171.84	1.703	375	n/a	n/a
PFOS-13C8	8.11	23653347.4	No	n/a	n/a	1.87	-2.21	97.79	506.84>79.94	506.84>98.98	1.732	410	n/a	n/a
PFOSA-13C8	8.73	36131088.7	No	n/a	n/a	1.96	-2.01	97.99	505.74>78.04	n/a	n/a	409	n/a	n/a
PFPeA-13C5	4.28	46525129.2	No	n/a	n/a	4.03	0.78	100.78	268.00>222.94	n/a	n/a	526	n/a	n/a
PFTeDA-13C2	9.73	2746005.5	No	n/a	n/a	1.00	0.38	100.38	715.20>669.90	n/a	n/a	474	n/a	n/a
PFUnA-13C7	8.29	16525529.0	No	n/a	n/a	1.03	2.99	102.99	569.85>524.91	n/a	n/a	401	n/a	n/a

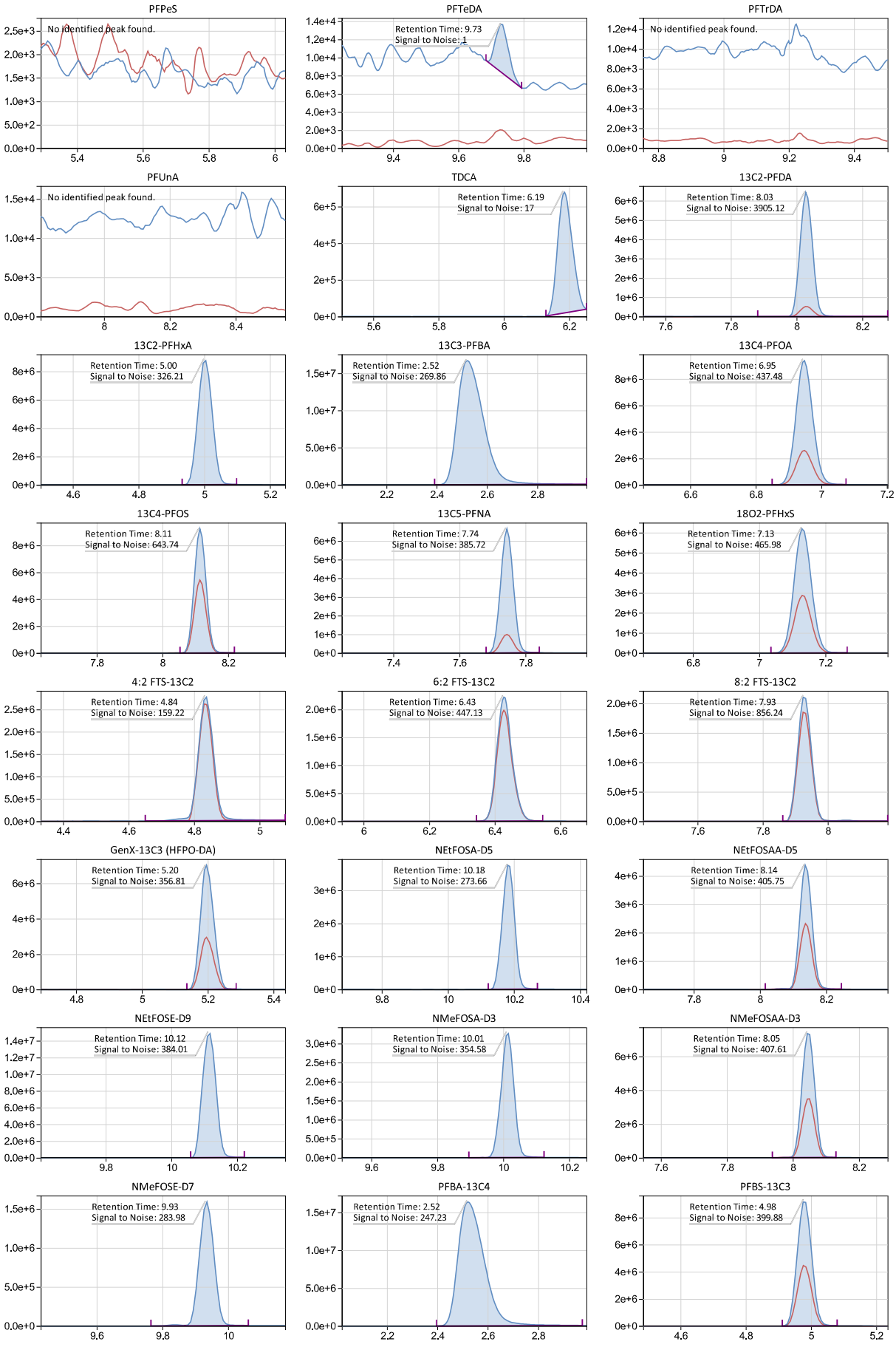
QUAN Qual #1

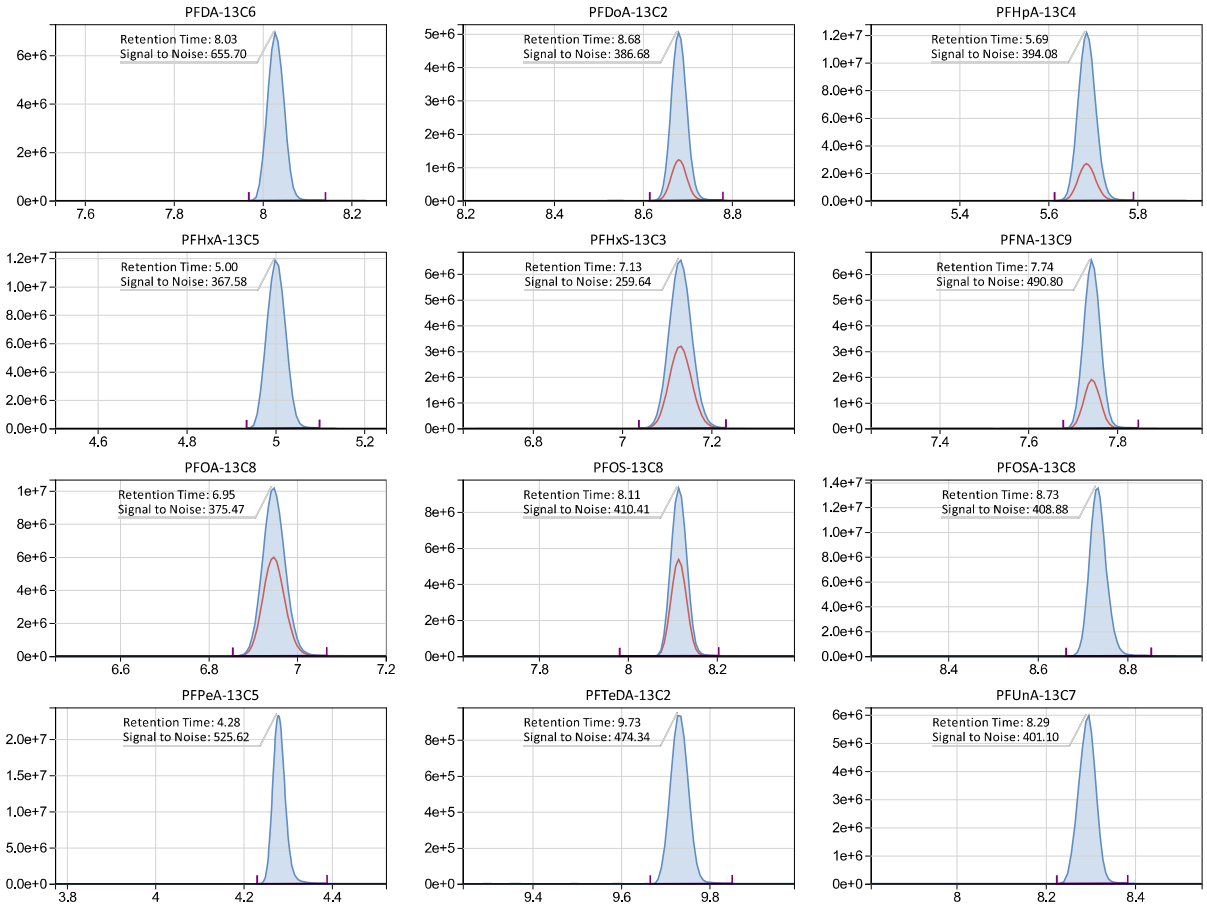



M-NEtFOSAA-D5
Retention Time: 8.14
Signal to Noise: 406
M-NEtFOSE-D9
Retention Time: 10.12
Signal to Noise: 384
M-NMeFOSA-D3
Retention Time: 10.01
Signal to Noise: 355
M-NMeFOSAA-D3
Retention Time: 8.05
Signal to Noise: 408
M-NMeFOSE-D7
Retention Time: 9.93
Signal to Noise: 284
M-PFBA-13C4
Retention Time: 2.52
Signal to Noise: 247
M-PFBS-13C3
Retention Time: 4.98
Signal to Noise: 400
M-PFDA-13C6
Retention Time: 8.03
Signal to Noise: 656
M-PFDoA-13C2
Retention Time: 8.68
Signal to Noise: 387
M-PFHpA-13C4
Retention Time: 5.69
Signal to Noise: 394
M-PFHxA-13C5
Retention Time: 5.00
Signal to Noise: 368
M-PFHxS-13C3
Retention Time: 7.13
Signal to Noise: 260
M-PFNA-13C9
Retention Time: 7.74
Signal to Noise: 491
M-PFOA-13C8
Retention Time: 6.95
Signal to Noise: 375
M-PFOS-13C8
Retention Time: 8.11
Signal to Noise: 410
M-PFOSA-13C8
Retention Time: 8.73
Signal to Noise: 409
M-PFPeA-13C5
Retention Time: 4.28
Signal to Noise: 526
M-PFTeDA-13C2
Retention Time: 9.73
Signal to Noise: 474
M-PFUnA-13C7
Retention Time: 8.29
Signal to Noise: 401
NEtFOSA
No identified peak found.
NEtFOSAA
No identified peak found.
NEtFOSE
No identified peak found.
NFDHA
No identified peak found.
NMeFOSA
No identified peak found.



ASC
3:13 pm, Oct 13, 2025


PFPeS
No identified peak found.
PFTeDA
Retention Time: 9.73
Signal to Noise: 1
PFTrDA
No identified peak found.
PFUnA
No identified peak found.
TDCA
Retention Time: 6.19
Signal to Noise: 17
13C2-PFDA
Retention Time: 8.03
Signal to Noise: 3905.12
13C2-PFHxA
Retention Time: 5.00
Signal to Noise: 326.21
13C3-PFBA
Retention Time: 2.52
Signal to Noise: 269.86
13C4-PFOA
Retention Time: 6.95
Signal to Noise: 437.48
13C4-PFOS
Retention Time: 8.11
Signal to Noise: 643.74
13C5-PFNA
Retention Time: 7.74
Signal to Noise: 385.72
18O2-PFHxS
Retention Time: 7.13
Signal to Noise: 465.98
4:2 FTS-13C2
Retention Time: 4.84
Signal to Noise: 159.22
6:2 FTS-13C2
Retention Time: 6.43
Signal to Noise: 447.13
8:2 FTS-13C2
Retention Time: 7.93
Signal to Noise: 856.24
GenX-13C3 (HFPO-DA)
Retention Time: 5.20
Signal to Noise: 356.81
NEtFOSA-D5
Retention Time: 10.18
Signal to Noise: 273.66
NEtFOSAA-D5
Retention Time: 8.14
Signal to Noise: 405.75
NEtFOSE-D9
Retention Time: 10.12
Signal to Noise: 384.01
NMeFOSA-D3
Retention Time: 10.01
Signal to Noise: 354.58
NMeFOSAA-D3
Retention Time: 8.05
Signal to Noise: 407.61
NMeFOSE-D7
Retention Time: 9.93
Signal to Noise: 283.98
PFBA-13C4
Retention Time: 2.52
Signal to Noise: 247.23
PFBS-13C3
Retention Time: 4.98
Signal to Noise: 399.88


PFDA-13C6
Retention Time: 8.03
Signal to Noise: 655.70
PFDoA-13C2
Retention Time: 8.68
Signal to Noise: 386.68
PFHpA-13C4
Retention Time: 5.69
Signal to Noise: 394.08
PFHxA-13C5
Retention Time: 5.00
Signal to Noise: 367.58
PFHxS-13C3
Retention Time: 7.13
Signal to Noise: 259.64
PFNA-13C9
Retention Time: 7.74
Signal to Noise: 490.80
PFOA-13C8
Retention Time: 6.95
Signal to Noise: 375.47
PFOS-13C8
Retention Time: 8.11
Signal to Noise: 410.41
PFOSA-13C8
Retention Time: 8.73
Signal to Noise: 408.88
PFPeA-13C5
Retention Time: 4.28
Signal to Noise: 525.62
PFTeDA-13C2
Retention Time: 9.73
Signal to Noise: 474.34
PFUnA-13C7
Retention Time: 8.29
Signal to Noise: 401.10

2LC04334 TDCA

Unknown, Injection volume: 3 µL, Replicate 1 of 1, Acquisition date time: Oct 10, 2025 15:29:27

Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
11Cl-PF3OUdS	n/a	n/a	No	33426930.4	n/a	Not Detected	No level	n/a	630.85>450.77	630.85>82.97	Not calculated	n/a	n/a	n/a
3:3FTCA	n/a	n/a	No	62422211.5	n/a	Not Detected	No level	n/a	241.10>177.00	241.10>117.00	Not calculated	n/a	n/a	n/a
4:2 FTS	n/a	n/a	No	15690117.8	n/a	Not Detected	No level	n/a	326.85>306.99	326.85>80.98	Not calculated	n/a	n/a	n/a
5:3FTCA	n/a	n/a	No	51782874.7	n/a	Not Detected	No level	n/a	341.00>237.00	341.00>217.00	Not calculated	n/a	n/a	n/a
6:2 FTS	n/a	n/a	No	12279475.5	n/a	Not Detected	No level	n/a	426.87>406.78	426.87>81.02	Not calculated	n/a	n/a	n/a
7:3FTCA	n/a	n/a	No	51782874.7	n/a	Not Detected	No level	n/a	441.00>317.00	441.00>337.00	Not calculated	n/a	n/a	n/a
8:2 FTS	n/a	n/a	No	11669170.7	n/a	Not Detected	No level	n/a	526.77>506.90	526.77>80.98	Not calculated	n/a	n/a	n/a
9Cl-PF3ONS	n/a	n/a	No	33426930.4	n/a	Not Detected	No level	n/a	530.71>350.80	530.71>83.03	Not calculated	n/a	n/a	n/a
ADONA	n/a	n/a	No	32163136.0	n/a	Not Detected	No level	n/a	376.85>250.90	376.85>84.96	Not calculated	n/a	n/a	n/a
GenX (HFPO-DA)	n/a	n/a	Yes	32163136.0	n/a	Not Detected	No level	n/a	285.00>168.90	285.00>185.00	Not calculated	n/a	n/a	n/a
M-4:2 FTS-13C2	4.82	15690117.8	No	32066438.2	0.93	3.93 ng/mL (ALoQ)	No level	n/a	328.89>80.98	328.89>308.89	1.131	151	n/a	n/a
M-6:2 FTS-13C2	6.38	12279475.5	No	32066438.2	0.73	3.95 ng/mL (ALoQ)	No level	n/a	428.78>81.03	428.78>408.92	1.129	562	n/a	n/a
M-8:2 FTS-13C2	7.91	11669170.7	No	32066438.2	0.69	4.88 ng/mL (ALoQ)	No level	n/a	528.79>80.99	528.79>508.84	1.237	1236	n/a	n/a
M-GenX-13C3 (HFPO-DA)	5.18	32163136.0	No	40541004.7	1.59	7.50 ng/mL	No level	n/a	286.87>168.89	286.87>184.86	2.671	479	n/a	n/a
M-NEtFOSA-D5	10.18	14036664.6	No	33629247.8	0.80	2.04 ng/mL	No level	n/a	531.00>219.00	n/a	n/a	313	n/a	n/a
M-NEtFOSAA-D5	8.12	19120448.2	No	33629247.8	1.09	4.32 ng/mL	No level	n/a	588.92>418.86	588.92>530.91	1.815	373	n/a	n/a
M-NEtFOSE-D9	10.11	61205667.1	No	33629247.8	3.49	20.2 ng/mL	No level	n/a	639.00>59.00	n/a	n/a	307	n/a	n/a
M-NMeFOSA-D3	10.01	12347254.8	No	33629247.8	0.70	2.05 ng/mL	No level	n/a	515.00>219.00	n/a	n/a	330	n/a	n/a
M-NMeFOSAA-D3	8.02	21942074.5	No	33629247.8	1.25	4.36 ng/mL (ALoQ)	No level	n/a	572.83>418.90	572.83>168.89	2.062	456	n/a	n/a
M-NMeFOSE-D7	9.93	6887898.5	No	33629247.8	0.39	20.3 ng/mL	No level	n/a	623.90>59.00	n/a	n/a	164	n/a	n/a
M-PFBA-13C4	2.50	187617355.8	No	182209859.7	4.12	6.94 ng/mL	No level	n/a	216.86>171.89	n/a	n/a	304	n/a	n/a
M-PFBS-13C3	4.96	39598629.5	No	32066438.2	2.34	1.98 ng/mL (ALoQ)	No level	n/a	301.84>79.97	301.84>98.92	2.159	370	n/a	n/a
M-PFDA-13C6	8.01	26789389.1	No	23346921.3	1.15	1.01 ng/mL	No level	n/a	518.90>473.90	n/a	n/a	420	n/a	n/a
M-PFDoA-13C2	8.63	19327173.4	No	23346921.3	0.83	0.948 ng/mL	No level	n/a	614.82>569.80	614.82>168.94	4.240	408	n/a	n/a
M-PFHpA-13C4	5.65	51782874.7	No	40541004.7	2.55	1.88 ng/mL	No level	n/a	366.93>321.94	366.93>171.90	4.606	462	n/a	n/a
M-PFHxA-13C5	4.98	52211986.9	No	40541004.7	2.58	2.21 ng/mL (ALoQ)	No level	n/a	317.79>272.91	n/a	n/a	405	n/a	n/a
M-PFHxS-13C3	7.08	32093809.1	No	32066438.2	1.90	1.92 ng/mL	No level	n/a	401.76>79.99	401.76>98.99	2.026	403	n/a	n/a
M-PFNA-13C9	7.72	26000704.5	No	27098358.8	0.96	0.992 ng/mL	No level	n/a	471.82>426.89	471.82>172.14	3.509	524	n/a	n/a

Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
M-PFOA-13C8	6.90	56138445.2	No	52719836.9	2.13	1.93 ng/mL	No level	n/a	420.82>375.84	420.82>171.84	1.726	455	n/a	n/a
M-PFOS-13C8	8.09	33500117.4	No	33629247.8	1.91	1.88 ng/mL	No level	n/a	506.84>79.94	506.84>98.98	1.628	516	n/a	n/a
M-PFOSA-13C8	8.73	50289743.0	No	33629247.8	2.87	2.02 ng/mL	No level	n/a	505.74>78.04	n/a	n/a	399	n/a	n/a
M-PFPeA-13C5	4.26	62422211.5	No	40541004.7	3.08	3.78 ng/mL	No level	n/a	268.00>222.94	n/a	n/a	534	n/a	n/a
M-PFTeDA-13C2	9.68	6219848.3	No	23346921.3	0.27	0.824 ng/mL	No level	n/a	715.20>669.90	n/a	n/a	379	n/a	n/a
M-PFUnA-13C7	8.26	25230050.6	No	23346921.3	1.08	1.06 ng/mL (ALoQ)	No level	n/a	569.85>524.91	n/a	n/a	335	n/a	n/a
NEtFOSA	n/a	n/a	No	14036664.6	n/a	Not Detected	No level	n/a	525.90>219.00	525.90>169.00	Not calculated	n/a	n/a	n/a
NEtFOSAA	n/a	n/a	No	19120448.2	n/a	Not Detected	No level	n/a	584.00>418.80	584.00>525.90	Not calculated	n/a	n/a	n/a
NEtFOSE	n/a	n/a	No	61205667.1	n/a	Not Detected	No level	n/a	630.00>59.00	n/a	n/a	n/a	n/a	n/a
NFDHA	n/a	n/a	Yes	52211986.9	n/a	Not Detected	No level	n/a	294.90>201.00	294.90>85.00	Not calculated	n/a	n/a	n/a
NMeFOSA	n/a	n/a	No	12347254.8	n/a	Not Detected	No level	n/a	511.90>219.00	511.90>169.10	Not calculated	n/a	n/a	n/a
NMeFOSAA	n/a	n/a	No	21942074.5	n/a	Not Detected	No level	n/a	569.77>418.97	569.77>482.73	Not calculated	n/a	n/a	n/a
NMeFOSE	n/a	n/a	No	6887898.5	n/a	Not Detected	No level	n/a	616.00>59.00	n/a	n/a	n/a	n/a	n/a
PFBA	2.49	348704.7	No	187617355.8	0.01	0.0215 ng/mL	No level	n/a	212.90>169.00	n/a	n/a	1	n/a	n/a
PFBS	n/a	n/a	No	39598629.5	n/a	Not Detected	No level	n/a	298.78>79.91	298.78>98.90	Not calculated	n/a	n/a	n/a
PFDA	n/a	n/a	No	26789389.1	n/a	Not Detected	No level	n/a	512.86>468.81	512.86>218.87	Not calculated	n/a	n/a	n/a
PFDoA	n/a	n/a	Yes	19327173.4	n/a	Not Detected	No level	n/a	612.70>568.88	612.70>168.95	Not calculated	n/a	n/a	n/a
PFDoS	n/a	n/a	No	33426930.4	n/a	Not Detected	No level	n/a	698.90>80.04	698.90>98.85	Not calculated	n/a	n/a	n/a
PFDS	n/a	n/a	No	33426930.4	n/a	Not Detected	No level	n/a	598.71>79.97	598.71>98.98	Not calculated	n/a	n/a	n/a
PFEESA	n/a	n/a	No	52211986.9	n/a	Not Detected	No level	n/a	314.85>134.99	314.85>82.94	Not calculated	n/a	n/a	n/a
PFHpA	5.66	241364.0	No	51782874.7	0.01	0.0107 ng/mL	No level	n/a	362.84>318.87	362.84>168.99	2.233	46	n/a	n/a
PFHpS	n/a	n/a	No	33426930.4	n/a	Not Detected	No level	n/a	448.90>79.90	448.90>99.00	Not calculated	n/a	n/a	n/a
PFHxA	4.99	1761409.7	No	52211986.9	0.07	0.0724 ng/mL	No level	n/a	312.90>269.00	312.90>119.00	9.489	89	n/a	n/a
PFHxS	7.08	121904.2	No	32093809.1	0.01	0.00737 ng/mL	No level	n/a	398.77>80.07	398.77>98.95	2.026	45	n/a	n/a
PFHxS Branched	n/a	n/a	Yes	32093809.1	n/a	Not Detected	No level	n/a	398.77>80.07	398.77>98.95	Not calculated	n/a	n/a	n/a
PFMBA	n/a	n/a	No	62422211.5	n/a	Not Detected	No level	n/a	279.08>85.04	n/a	n/a	n/a	n/a	n/a
PFMPA	n/a	n/a	No	62422211.5	n/a	Not Detected	No level	n/a	229.00>85.00	n/a	n/a	n/a	n/a	n/a
PFNA	7.72	58379.3	No	26000704.5	0.00	0.00225 ng/mL	No level	n/a	462.84>418.88	462.84>218.93	3.264	5	n/a	n/a
PFNA Branched	n/a	n/a	No	26000704.5	n/a	Not Detected	No level	n/a	462.84>418.88	462.84>218.93	Not calculated	n/a	n/a	n/a
PFNS	n/a	n/a	No	33426930.4	n/a	Not Detected	No level	n/a	548.84>79.85	548.84>98.99	Not calculated	n/a	n/a	n/a
PFOA	6.90	91349.3	No	56138445.2	0.00	0.00485 ng/mL	No level	n/a	412.87>368.92	412.87>168.88	1.487	5	n/a	n/a

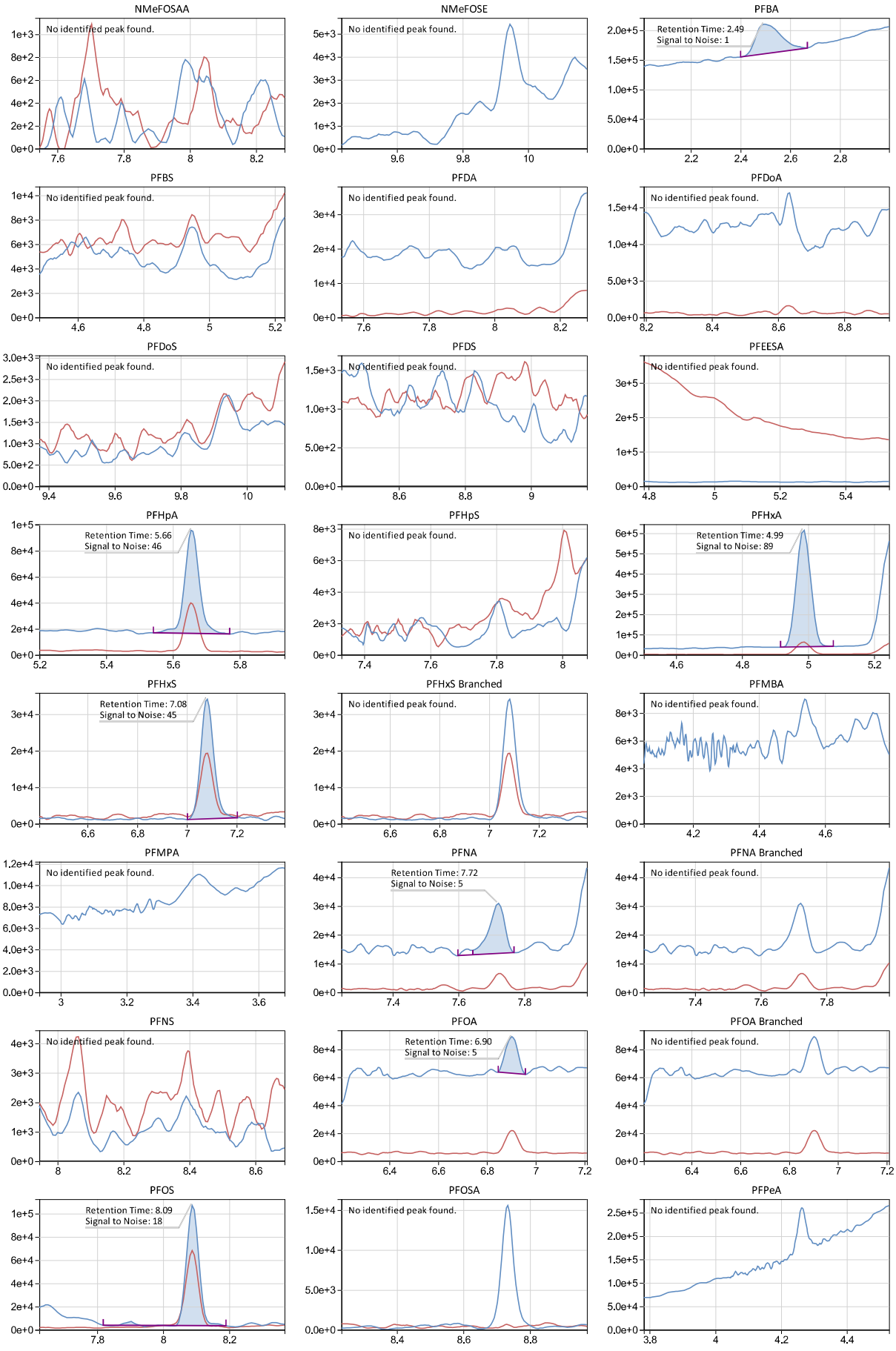
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
PFOA Branched	n/a	n/a	Yes	56138445.2	n/a	Not Detected	No level	n/a	412.87>368.92	412.87>168.88	Not calculated	n/a	n/a	n/a
PFOS	8.09	282628.0	No	33426930.4	0.02	0.0160 ng/mL	No level	n/a	498.80>80.02	498.80>98.82	1.435	18	n/a	n/a
PFOSA	n/a	n/a	Yes	50289743.0	n/a	Not Detected	No level	n/a	498.10>77.90	498.10>169.20	Not calculated	n/a	n/a	n/a
PFPeA	n/a	n/a	No	62422211.5	n/a	Not Detected	No level	n/a	262.90>219.00	n/a	n/a	n/a	n/a	n/a
PFPeS	n/a	n/a	No	32093809.1	n/a	Not Detected	No level	n/a	348.88>79.93	348.88>98.96	Not calculated	n/a	n/a	n/a
PFTeDA	9.68	33453.7	No	6219848.3	0.01	0.00283 ng/mL	No level	n/a	712.77>668.81	712.77>168.91	3.840	1	n/a	n/a
PFTrDA	n/a	n/a	No	19327173.4	n/a	Not Detected	No level	n/a	662.89>618.98	662.89>168.88	Not calculated	n/a	n/a	n/a
PFUnA	n/a	n/a	No	25230050.6	n/a	Not Detected	No level	n/a	562.90>518.88	562.90>269.07	Not calculated	n/a	n/a	n/a
TDCA	6.15	2981042.1	No	n/a	n/a	Not calculated	No level	n/a	498.00>80.00	n/a	n/a	658	n/a	n/a
13C2-PFDA	8.01	23346921.3	No	n/a	n/a	1.29	29.28	129.28	514.85>469.84	514.85>168.82	11.827	408	n/a	n/a
13C2-PFHxA	4.98	40541004.7	No	n/a	n/a	2.54	27.15	127.15	315.02>270.01	n/a	n/a	434	n/a	n/a
13C3-PFBA	2.50	182209859.7	No	n/a	n/a	5.33	33.13	133.13	216.94>171.90	n/a	n/a	274	n/a	n/a
13C4-PFOA	6.90	52719836.9	No	n/a	n/a	2.60	30.15	130.15	416.91>371.91	416.91>171.98	3.768	514	n/a	n/a
13C4-PFOS	8.09	33629247.8	No	n/a	n/a	2.30	19.94	119.94	502.82>79.99	502.82>98.84	1.770	472	n/a	n/a
13C5-PFNA	7.72	27098358.8	No	n/a	n/a	1.13	13.41	113.41	467.88>422.93	467.88>172.00	6.484	372	n/a	n/a
18O2-PFHxS	7.08	32066438.2	No	n/a	n/a	2.33	22.87	122.87	402.81>83.93	402.81>103.00	2.167	345	n/a	n/a
4:2 FTS-13C2	4.82	15690117.8	No	n/a	n/a	4.83	28.80	128.80	328.89>80.98	328.89>308.89	1.131	151	n/a	n/a
6:2 FTS-13C2	6.38	12279475.5	No	n/a	n/a	4.79	26.02	126.02	428.78>81.03	428.78>408.92	1.129	562	n/a	n/a
8:2 FTS-13C2	7.91	11669170.7	No	n/a	n/a	5.83	51.80	151.80	528.79>80.99	528.79>508.84	1.237	1236	n/a	n/a
GenX-13C3 (HFPO-DA)	5.18	32163136.0	No	n/a	n/a	9.50	18.76	118.76	286.87>168.89	286.87>184.86	2.671	479	n/a	n/a
NEtFOSA-D5	10.18	14036664.6	No	n/a	n/a	2.46	23.01	123.01	531.00>219.00	n/a	n/a	313	n/a	n/a
NEtFOSAA-D5	8.12	19120448.2	No	n/a	n/a	5.19	29.83	129.83	588.92>418.86	588.92>530.91	1.815	373	n/a	n/a
NEtFOSE-D9	10.11	61205667.1	No	n/a	n/a	23.9	19.46	119.46	639.00>59.00	n/a	n/a	307	n/a	n/a
NMeFOSA-D3	10.01	12347254.8	No	n/a	n/a	2.48	23.98	123.98	515.00>219.00	n/a	n/a	330	n/a	n/a
NMeFOSAA-D3	8.02	21942074.5	No	n/a	n/a	5.19	29.75	129.75	572.83>418.90	572.83>168.89	2.062	456	n/a	n/a
NMeFOSE-D7	9.93	6887898.5	No	n/a	n/a	24.1	20.55	120.55	623.90>59.00	n/a	n/a	164	n/a	n/a
PFBA-13C4	2.50	187617355.8	No	n/a	n/a	9.20	14.94	114.94	216.86>171.89	n/a	n/a	304	n/a	n/a
PFBS-13C3	4.96	39598629.5	No	n/a	n/a	2.41	29.33	129.33	301.84>79.97	301.84>98.92	2.159	370	n/a	n/a
PFDA-13C6	8.01	26789389.1	No	n/a	n/a	1.30	30.18	130.18	518.90>473.90	n/a	n/a	420	n/a	n/a
PFDoA-13C2	8.63	19327173.4	No	n/a	n/a	1.23	22.88	122.88	614.82>569.80	614.82>168.94	4.240	408	n/a	n/a
PFHpA-13C4	5.65	51782874.7	No	n/a	n/a	2.39	19.60	119.60	366.93>321.94	366.93>171.90	4.606	462	n/a	n/a
PFHxA-13C5	4.98	52211986.9	No	n/a	n/a	2.80	39.95	139.95	317.79>272.91	n/a	n/a	405	n/a	n/a

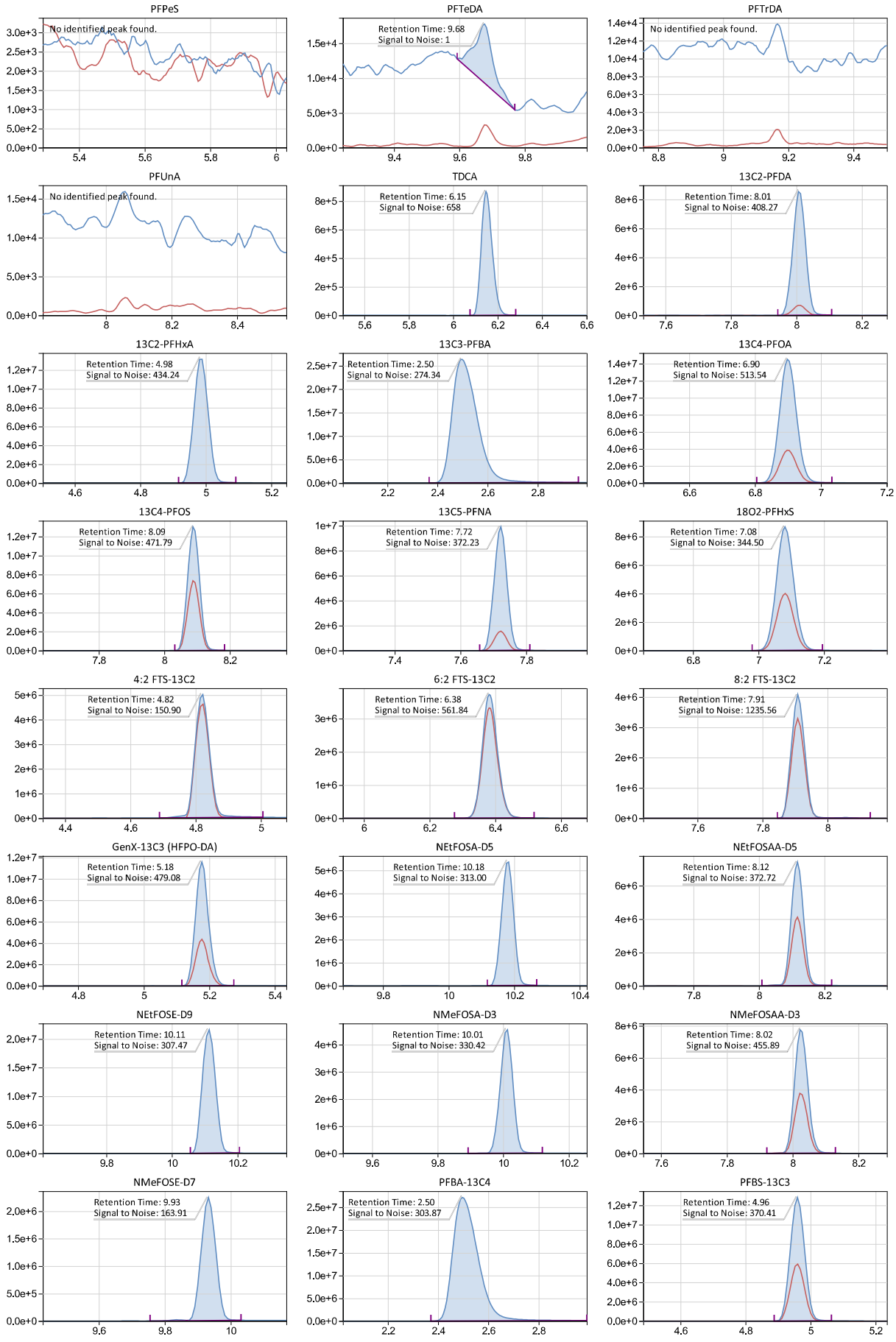
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
PFHxS-13C3	7.08	32093809.1	No	n/a	n/a	2.36	24.58	124.58	401.76>79.99	401.76>98.99	2.026	403	n/a	n/a
PFNA-13C9	7.72	26000704.5	No	n/a	n/a	1.12	12.32	112.32	471.82>426.89	471.82>172.14	3.509	524	n/a	n/a
PFOA-13C8	6.90	56138445.2	No	n/a	n/a	2.51	25.47	125.47	420.82>375.84	420.82>171.84	1.726	455	n/a	n/a
PFOS-13C8	8.09	33426930.4	No	n/a	n/a	2.25	17.30	117.30	506.84>79.94	506.84>98.98	1.627	337	n/a	n/a
PFOSA-13C8	8.73	50289743.0	No	n/a	n/a	2.44	21.80	121.80	505.74>78.04	n/a	n/a	399	n/a	n/a
PFPeA-13C5	4.26	62422211.5	No	n/a	n/a	4.79	19.69	119.69	268.00>222.94	n/a	n/a	534	n/a	n/a
PFTeDA-13C2	9.68	6219848.3	No	n/a	n/a	1.06	6.40	106.40	715.20>669.90	n/a	n/a	379	n/a	n/a
PFUnA-13C7	8.26	25230050.6	No	n/a	n/a	1.36	36.03	136.03	569.85>524.91	n/a	n/a	335	n/a	n/a

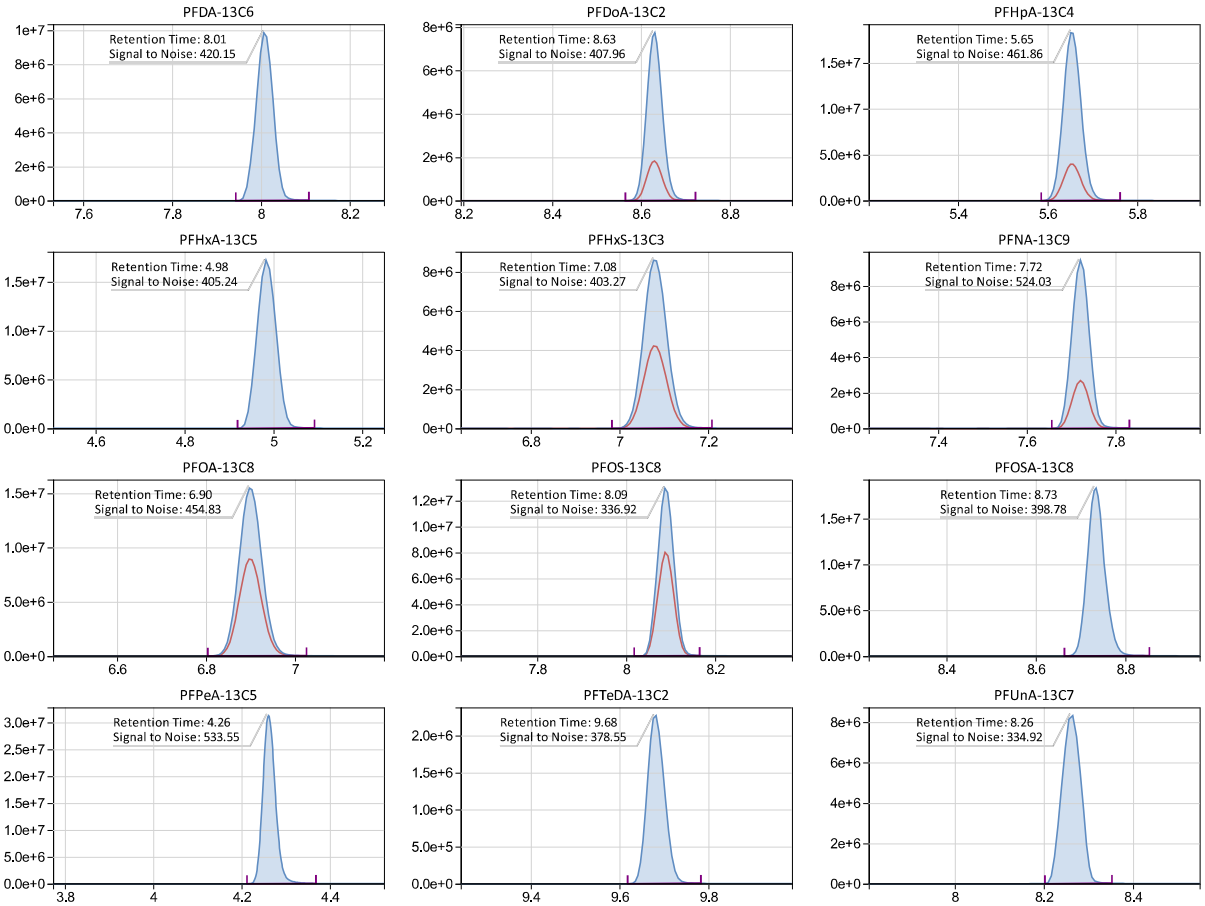
QUAN Qual #1




M-NEtFOSAA-D5
Retention Time: 8.12
Signal to Noise: 373
M-NEtFOSE-D9
Retention Time: 10.11
Signal to Noise: 307
M-NMeFOSA-D3
Retention Time: 10.01
Signal to Noise: 330
M-NMeFOSAA-D3
Retention Time: 8.02
Signal to Noise: 456
M-NMeFOSE-D7
Retention Time: 9.93
Signal to Noise: 164
M-PFBA-13C4
Retention Time: 2.50
Signal to Noise: 304
M-PFBS-13C3
Retention Time: 4.96
Signal to Noise: 370
M-PFDA-13C6
Retention Time: 8.01
Signal to Noise: 420
M-PFDoA-13C2
Retention Time: 8.63
Signal to Noise: 408
M-PFHpA-13C4
Retention Time: 5.65
Signal to Noise: 462
M-PFHxA-13C5
Retention Time: 4.98
Signal to Noise: 405
M-PFHxS-13C3
Retention Time: 7.08
Signal to Noise: 403
M-PFNA-13C9
Retention Time: 7.72
Signal to Noise: 524
M-PFOA-13C8
Retention Time: 6.90
Signal to Noise: 455
M-PFOS-13C8
Retention Time: 8.09
Signal to Noise: 516
M-PFOSA-13C8
Retention Time: 8.73
Signal to Noise: 399
M-PFPeA-13C5
Retention Time: 4.26
Signal to Noise: 534
M-PFTeDA-13C2
Retention Time: 9.68
Signal to Noise: 379
M-PFUnA-13C7
Retention Time: 8.26
Signal to Noise: 335
NEtFOSA
No identified peak found.
NEtFOSAA
No identified peak found.
NEtFOSE
No identified peak found.
NFDHA
No identified peak found.
NMeFOSA
No identified peak found.


NMeFOSAA
No identified peak found.
NMeFOSE
No identified peak found.
PFBA
Retention Time: 2.49
Signal to Noise: 1
PFBS
No identified peak found.
PFDA
No identified peak found.
PFDoA
No identified peak found.
PFDoS
No identified peak found.
PFDS
No identified peak found.
PFEESA
No identified peak found.
PFHpA
Retention Time: 5.66
Signal to Noise: 46
PFHpS
No identified peak found.
PFHxA
Retention Time: 4.99
Signal to Noise: 89
PFHxS
Retention Time: 7.08
Signal to Noise: 45
PFHxS Branched
No identified peak found.
PFMBA
No identified peak found.
PFMPA
No identified peak found.
PFNA
Retention Time: 7.72
Signal to Noise: 5
PFNA Branched
No identified peak found.
PFNS
No identified peak found.
PFOA
Retention Time: 6.90
Signal to Noise: 5
PFOA Branched
No identified peak found.
PFOS
Retention Time: 8.09
Signal to Noise: 18
PFOSA
No identified peak found.
PFPeA
No identified peak found.


PFPeS
No identified peak found.
PFTeDA
Retention Time: 9.68
Signal to Noise: 1
PFTrDA
No identified peak found.
PFUnA
No identified peak found.
TDCA
Retention Time: 6.15
Signal to Noise: 658
13C2-PFDA
Retention Time: 8.01
Signal to Noise: 408.27
13C2-PFHxA
Retention Time: 4.98
Signal to Noise: 434.24
13C3-PFBA
Retention Time: 2.50
Signal to Noise: 274.34
13C4-PFOA
Retention Time: 6.90
Signal to Noise: 513.54
13C4-PFOS
Retention Time: 8.09
Signal to Noise: 471.79
13C5-PFNA
Retention Time: 7.72
Signal to Noise: 372.23
18O2-PFHxS
Retention Time: 7.08
Signal to Noise: 344.50
4:2 FTS-13C2
Retention Time: 4.82
Signal to Noise: 150.90
6:2 FTS-13C2
Retention Time: 6.38
Signal to Noise: 561.84
8:2 FTS-13C2
Retention Time: 7.91
Signal to Noise: 1235.56
GenX-13C3 (HFPO-DA)
Retention Time: 5.18
Signal to Noise: 479.08
NEtFOSA-D5
Retention Time: 10.18
Signal to Noise: 313.00
NEtFOSAA-D5
Retention Time: 8.12
Signal to Noise: 372.72
NEtFOSE-D9
Retention Time: 10.11
Signal to Noise: 307.47
NMeFOSA-D3
Retention Time: 10.01
Signal to Noise: 330.42
NMeFOSAA-D3
Retention Time: 8.02
Signal to Noise: 455.89
NMeFOSE-D7
Retention Time: 9.93
Signal to Noise: 163.91
PFBA-13C4
Retention Time: 2.50
Signal to Noise: 303.87
PFBS-13C3
Retention Time: 4.96
Signal to Noise: 370.41


PFDA-13C6
Retention Time: 8.01
Signal to Noise: 420.15
PFDoA-13C2
Retention Time: 8.63
Signal to Noise: 407.96
PFHpA-13C4
Retention Time: 5.65
Signal to Noise: 461.86
PFHxA-13C5
Retention Time: 4.98
Signal to Noise: 405.24
PFHxS-13C3
Retention Time: 7.08
Signal to Noise: 403.27
PFNA-13C9
Retention Time: 7.72
Signal to Noise: 524.03
PFOA-13C8
Retention Time: 6.90
Signal to Noise: 454.83
PFOS-13C8
Retention Time: 8.09
Signal to Noise: 336.92
PFOSA-13C8
Retention Time: 8.73
Signal to Noise: 398.78
PFPeA-13C5
Retention Time: 4.26
Signal to Noise: 533.55
PFTeDA-13C2
Retention Time: 9.68
Signal to Noise: 378.55
PFUnA-13C7
Retention Time: 8.26
Signal to Noise: 334.92

2LC04369 TDCA

Unknown, Injection volume: 3 µL, Replicate 1 of 1, Acquisition date time: Oct 10, 2025 23:18:03

Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
11Cl-PF3OUdS	n/a	n/a	No	37040290.5	n/a	Not Detected	No level	n/a	630.85>450.77	630.85>82.97	Not calculated	n/a	n/a	n/a
3:3FTCA	n/a	n/a	No	68878758.4	n/a	Not Detected	No level	n/a	241.10>177.00	241.10>117.00	Not calculated	n/a	n/a	n/a
4:2 FTS	n/a	n/a	No	16989862.0	n/a	Not Detected	No level	n/a	326.85>306.99	326.85>80.98	Not calculated	n/a	n/a	n/a
5:3FTCA	n/a	n/a	No	57000122.5	n/a	Not Detected	No level	n/a	341.00>237.00	341.00>217.00	Not calculated	n/a	n/a	n/a
6:2 FTS	n/a	n/a	No	13138772.0	n/a	Not Detected	No level	n/a	426.87>406.78	426.87>81.02	Not calculated	n/a	n/a	n/a
7:3FTCA	n/a	n/a	No	57000122.5	n/a	Not Detected	No level	n/a	441.00>317.00	441.00>337.00	Not calculated	n/a	n/a	n/a
8:2 FTS	n/a	n/a	No	10362325.1	n/a	Not Detected	No level	n/a	526.77>506.90	526.77>80.98	Not calculated	n/a	n/a	n/a
9Cl-PF3ONS	n/a	n/a	No	37040290.5	n/a	Not Detected	No level	n/a	530.71>350.80	530.71>83.03	Not calculated	n/a	n/a	n/a
ADONA	n/a	n/a	No	36035383.4	n/a	Not Detected	No level	n/a	376.85>250.90	376.85>84.96	Not calculated	n/a	n/a	n/a
GenX (HFPO-DA)	n/a	n/a	Yes	36035383.4	n/a	Not Detected	No level	n/a	285.00>168.90	285.00>185.00	Not calculated	n/a	n/a	n/a
M-4:2 FTS-13C2	4.82	16989862.0	No	33195753.6	0.97	4.11 ng/mL (ALoQ)	No level	n/a	328.89>80.98	328.89>308.89	1.084	197	n/a	n/a
M-6:2 FTS-13C2	6.36	13138772.0	No	33195753.6	0.75	4.08 ng/mL (ALoQ)	No level	n/a	428.78>81.03	428.78>408.92	1.139	684	n/a	n/a
M-8:2 FTS-13C2	7.91	10362325.1	No	33195753.6	0.59	4.18 ng/mL (ALoQ)	No level	n/a	528.79>80.99	528.79>508.84	1.258	197	n/a	n/a
M-GenX-13C3 (HFPO-DA)	5.17	36035383.4	No	42376230.1	1.70	8.04 ng/mL	No level	n/a	286.87>168.89	286.87>184.86	3.017	400	n/a	n/a
M-NEtFOSA-D5	10.18	14757232.2	No	35080174.0	0.81	2.06 ng/mL	No level	n/a	531.00>219.00	n/a	n/a	360	n/a	n/a
M-NEtFOSAA-D5	8.11	18614451.3	No	35080174.0	1.02	4.03 ng/mL	No level	n/a	588.92>418.86	588.92>530.91	1.863	518	n/a	n/a
M-NEtFOSE-D9	10.11	67609083.5	No	35080174.0	3.69	21.3 ng/mL (ALoQ)	No level	n/a	639.00>59.00	n/a	n/a	304	n/a	n/a
M-NMeFOSA-D3	10.01	13018889.4	No	35080174.0	0.71	2.07 ng/mL	No level	n/a	515.00>219.00	n/a	n/a	370	n/a	n/a
M-NMeFOSAA-D3	8.02	20423958.0	No	35080174.0	1.12	3.89 ng/mL	No level	n/a	572.83>418.90	572.83>168.89	2.023	361	n/a	n/a
M-NMeFOSE-D7	9.93	7631191.4	No	35080174.0	0.42	21.5 ng/mL (ALoQ)	No level	n/a	623.90>59.00	n/a	n/a	172	n/a	n/a
M-PFBA-13C4	2.49	210796934.2	No	182435582.1	4.62	7.78 ng/mL	No level	n/a	216.86>171.89	n/a	n/a	280	n/a	n/a
M-PFBS-13C3	4.96	42193215.2	No	33195753.6	2.41	2.04 ng/mL (ALoQ)	No level	n/a	301.84>79.97	301.84>98.92	2.329	480	n/a	n/a
M-PFDA-13C6	8.00	25821819.2	No	23057648.7	1.12	0.989 ng/mL	No level	n/a	518.90>473.90	n/a	n/a	463	n/a	n/a
M-PFDoA-13C2	8.61	18903736.7	No	23057648.7	0.82	0.939 ng/mL	No level	n/a	614.82>569.80	614.82>168.94	4.031	372	n/a	n/a
M-PFHpA-13C4	5.64	57000122.5	No	42376230.1	2.69	1.98 ng/mL	No level	n/a	366.93>321.94	366.93>171.90	4.514	363	n/a	n/a
M-PFHxA-13C5	4.98	49001478.4	No	42376230.1	2.31	1.98 ng/mL	No level	n/a	317.79>272.91	n/a	n/a	358	n/a	n/a
M-PFHxS-13C3	7.06	32042491.7	No	33195753.6	1.83	1.86 ng/mL	No level	n/a	401.76>79.99	401.76>98.99	1.998	402	n/a	n/a
M-PFNA-13C9	7.71	28664916.3	No	29046993.2	0.99	1.02 ng/mL	No level	n/a	471.82>426.89	471.82>172.14	3.566	452	n/a	n/a

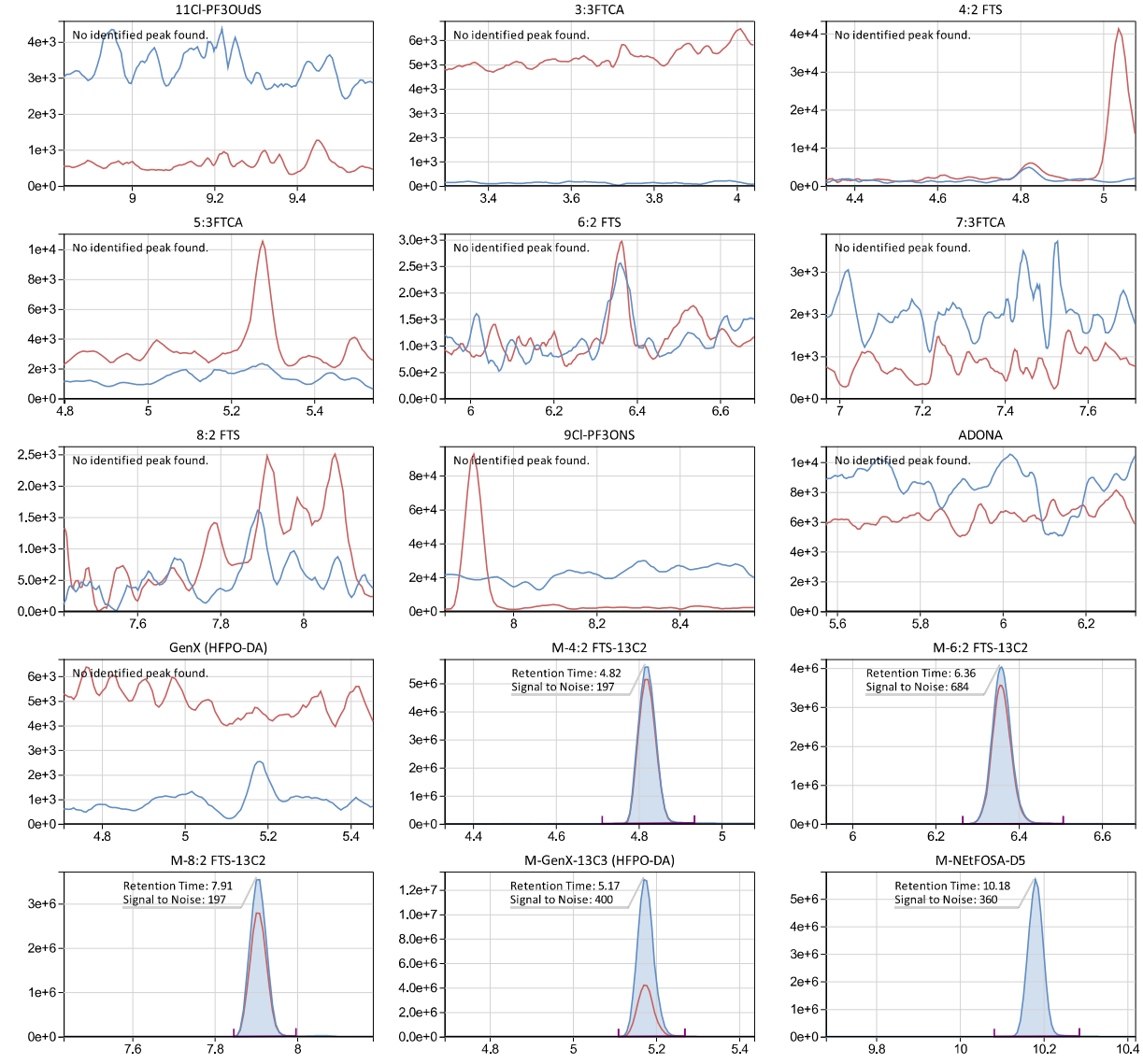
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
M-PFOA-13C8	6.87	56223445.9	No	52582866.3	2.14	1.94 ng/mL	No level	n/a	420.82>375.84	420.82>171.84	1.658	430	n/a	n/a
M-PFOS-13C8	8.08	37066993.5	No	35080174.0	2.02	1.99 ng/mL (ALoQ)	No level	n/a	506.84>79.94	506.84>98.98	1.677	358	n/a	n/a
M-PFOSA-13C8	8.72	50664440.0	No	35080174.0	2.77	1.95 ng/mL	No level	n/a	505.74>78.04	n/a	n/a	531	n/a	n/a
M-PFPeA-13C5	4.26	68878758.4	No	42376230.1	3.25	3.99 ng/mL	No level	n/a	268.00>222.94	n/a	n/a	552	n/a	n/a
M-PFTeDA-13C2	9.66	6478017.4	No	23057648.7	0.28	0.869 ng/mL	No level	n/a	715.20>669.90	n/a	n/a	428	n/a	n/a
M-PFUnA-13C7	8.25	24069262.5	No	23057648.7	1.04	1.02 ng/mL	No level	n/a	569.85>524.91	n/a	n/a	303	n/a	n/a
NEtFOSA	n/a	n/a	No	14757232.2	n/a	Not Detected	No level	n/a	525.90>219.00	525.90>169.00	Not calculated	n/a	n/a	n/a
NEtFOSAA	n/a	n/a	No	18614451.3	n/a	Not Detected	No level	n/a	584.00>418.80	584.00>525.90	Not calculated	n/a	n/a	n/a
NEtFOSE	n/a	n/a	No	67609083.5	n/a	Not Detected	No level	n/a	630.00>59.00	n/a	n/a	n/a	n/a	n/a
NFDHA	n/a	n/a	No	49001478.4	n/a	Not Detected	No level	n/a	294.90>201.00	294.90>85.00	Not calculated	n/a	n/a	n/a
NMeFOSA	n/a	n/a	No	13018889.4	n/a	Not Detected	No level	n/a	511.90>219.00	511.90>169.10	Not calculated	n/a	n/a	n/a
NMeFOSAA	n/a	n/a	No	20423958.0	n/a	Not Detected	No level	n/a	569.77>418.97	569.77>482.73	Not calculated	n/a	n/a	n/a
NMeFOSE	n/a	n/a	No	7631191.4	n/a	Not Detected	No level	n/a	616.00>59.00	n/a	n/a	n/a	n/a	n/a
PFBA	n/a	n/a	Yes	210796934.2	n/a	Not Detected	No level	n/a	212.90>169.00	n/a	n/a	n/a	n/a	n/a
PFBS	n/a	n/a	No	42193215.2	n/a	Not Detected	No level	n/a	298.78>79.91	298.78>98.90	Not calculated	n/a	n/a	n/a
PFDA	n/a	n/a	No	25821819.2	n/a	Not Detected	No level	n/a	512.86>468.81	512.86>218.87	Not calculated	n/a	n/a	n/a
PFDoA	n/a	n/a	Yes	18903736.7	n/a	Not Detected	No level	n/a	612.70>568.88	612.70>168.95	Not calculated	n/a	n/a	n/a
PFDoS	n/a	n/a	No	37040290.5	n/a	Not Detected	No level	n/a	698.90>80.04	698.90>98.85	Not calculated	n/a	n/a	n/a
PFDS	n/a	n/a	No	37040290.5	n/a	Not Detected	No level	n/a	598.71>79.97	598.71>98.98	Not calculated	n/a	n/a	n/a
PFEESA	n/a	n/a	No	49001478.4	n/a	Not Detected	No level	n/a	314.85>134.99	314.85>82.94	Not calculated	n/a	n/a	n/a
PFHpA	5.64	252353.5	No	57000122.5	0.01	0.0101 ng/mL	No level	n/a	362.84>318.87	362.84>168.99	2.075	61	n/a	n/a
PFHpS	n/a	n/a	No	37040290.5	n/a	Not Detected	No level	n/a	448.90>79.90	448.90>99.00	Not calculated	n/a	n/a	n/a
PFHxA	4.98	1811758.2	No	49001478.4	0.07	0.0793 ng/mL	No level	n/a	312.90>269.00	312.90>119.00	9.286	74	n/a	n/a
PFHxS	7.06	115783.9	No	32042491.7	0.01	0.00701 ng/mL	No level	n/a	398.77>80.07	398.77>98.95	1.565	54	n/a	n/a
PFHxS Branched	n/a	n/a	Yes	32042491.7	n/a	Not Detected	No level	n/a	398.77>80.07	398.77>98.95	Not calculated	n/a	n/a	n/a
PFMBA	n/a	n/a	No	68878758.4	n/a	Not Detected	No level	n/a	279.08>85.04	n/a	n/a	n/a	n/a	n/a
PFMPA	n/a	n/a	No	68878758.4	n/a	Not Detected	No level	n/a	229.00>85.00	n/a	n/a	n/a	n/a	n/a
PFNA	7.72	38029.0	No	28664916.3	0.00	0.00133 ng/mL	No level	n/a	462.84>418.88	462.84>218.93	2.608	3	n/a	n/a
PFNA Branched	n/a	n/a	Yes	28664916.3	n/a	Not Detected	No level	n/a	462.84>418.88	462.84>218.93	Not calculated	n/a	n/a	n/a
PFNS	n/a	n/a	No	37040290.5	n/a	Not Detected	No level	n/a	548.84>79.85	548.84>98.99	Not calculated	n/a	n/a	n/a
PFOA	6.88	93308.4	No	56223445.9	0.00	0.00495 ng/mL	No level	n/a	412.87>368.92	412.87>168.88	1.378	7	n/a	n/a

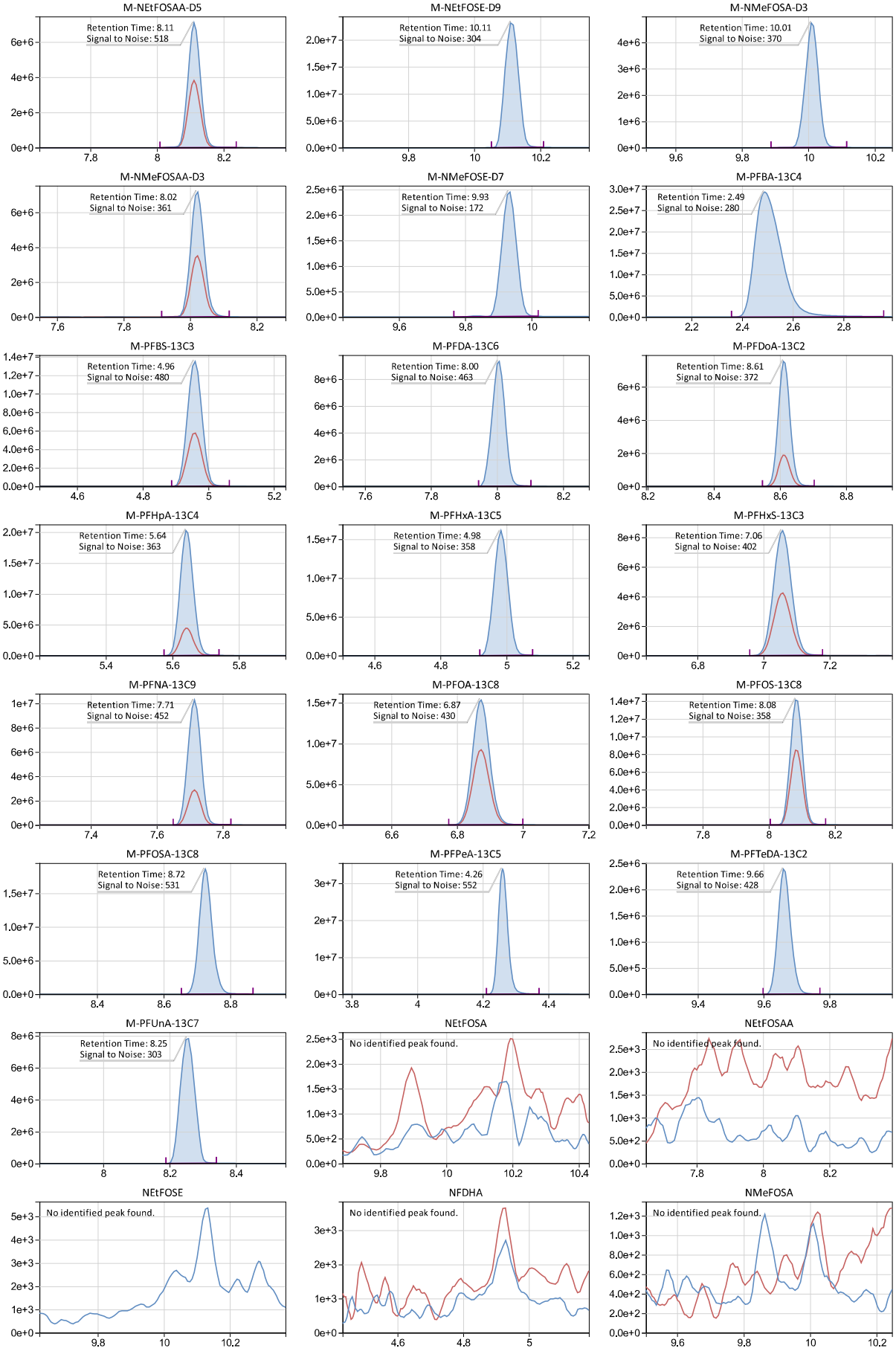
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
PFOA Branched	n/a	n/a	Yes	56223445.9	n/a	Not Detected	No level	n/a	412.87>368.92	412.87>168.88	Not calculated	n/a	n/a	n/a
PFOS	8.08	297843.5	No	37040290.5	0.02	0.0152 ng/mL	No level	n/a	498.80>80.02	498.80>98.82	1.514	52	n/a	n/a
PFOSA	n/a	n/a	Yes	50664440.0	n/a	Not Detected	No level	n/a	498.10>77.90	498.10>169.20	Not calculated	n/a	n/a	n/a
PFPeA	4.26	244726.5	No	68878758.4	0.01	0.0252 ng/mL	No level	n/a	262.90>219.00	n/a	n/a	30	n/a	n/a
PFPeS	n/a	n/a	No	32042491.7	n/a	Not Detected	No level	n/a	348.88>79.93	348.88>98.96	Not calculated	n/a	n/a	n/a
PFTeDA	n/a	n/a	No	6478017.4	n/a	Not Detected	No level	n/a	712.77>668.81	712.77>168.91	Not calculated	n/a	n/a	n/a
PFTrDA	n/a	n/a	No	18903736.7	n/a	Not Detected	No level	n/a	662.89>618.98	662.89>168.88	Not calculated	n/a	n/a	n/a
PFUnA	n/a	n/a	No	24069262.5	n/a	Not Detected	No level	n/a	562.90>518.88	562.90>269.07	Not calculated	n/a	n/a	n/a
TDCA	6.13	3257108.9	No	n/a	n/a	Not calculated	No level	n/a	498.00>80.00	n/a	n/a	618	n/a	n/a
13C2-PFDA	8.01	23057648.7	No	n/a	n/a	1.28	27.68	127.68	514.85>469.84	514.85>168.82	11.340	371	n/a	n/a
13C2-PFHxA	4.98	42376230.1	No	n/a	n/a	2.66	32.90	132.90	315.02>270.01	n/a	n/a	404	n/a	n/a
13C3-PFBA	2.49	182435582.1	No	n/a	n/a	5.33	33.30	133.30	216.94>171.90	n/a	n/a	286	n/a	n/a
13C4-PFOA	6.87	52582866.3	No	n/a	n/a	2.60	29.82	129.82	416.91>371.91	416.91>171.98	3.634	435	n/a	n/a
13C4-PFOS	8.08	35080174.0	No	n/a	n/a	2.40	25.12	125.12	502.82>79.99	502.82>98.84	1.644	492	n/a	n/a
13C5-PFNA	7.71	29046993.2	No	n/a	n/a	1.22	21.57	121.57	467.88>422.93	467.88>172.00	6.582	400	n/a	n/a
18O2-PFHxS	7.06	33195753.6	No	n/a	n/a	2.41	27.19	127.19	402.81>83.93	402.81>103.00	2.147	436	n/a	n/a
4:2 FTS-13C2	4.82	16989862.0	No	n/a	n/a	5.23	39.47	139.47	328.89>80.98	328.89>308.89	1.084	197	n/a	n/a
6:2 FTS-13C2	6.36	13138772.0	No	n/a	n/a	5.13	34.84	134.84	428.78>81.03	428.78>408.92	1.139	684	n/a	n/a
8:2 FTS-13C2	7.91	10362325.1	No	n/a	n/a	5.18	34.80	134.80	528.79>80.99	528.79>508.84	1.258	197	n/a	n/a
GenX-13C3 (HFPO-DA)	5.17	36035383.4	No	n/a	n/a	10.6	33.06	133.06	286.87>168.89	286.87>184.86	3.017	400	n/a	n/a
NEtFOSA-D5	10.18	14757232.2	No	n/a	n/a	2.59	29.32	129.32	531.00>219.00	n/a	n/a	360	n/a	n/a
NEtFOSAA-D5	8.11	18614451.3	No	n/a	n/a	5.06	26.40	126.40	588.92>418.86	588.92>530.91	1.863	518	n/a	n/a
NEtFOSE-D9	10.11	67609083.5	No	n/a	n/a	26.4	31.95	131.95	639.00>59.00	n/a	n/a	304	n/a	n/a
NMeFOSA-D3	10.01	13018889.4	No	n/a	n/a	2.61	30.72	130.72	515.00>219.00	n/a	n/a	370	n/a	n/a
NMeFOSAA-D3	8.02	20423958.0	No	n/a	n/a	4.83	20.77	120.77	572.83>418.90	572.83>168.89	2.023	361	n/a	n/a
NMeFOSE-D7	9.93	7631191.4	No	n/a	n/a	26.7	33.56	133.56	623.90>59.00	n/a	n/a	172	n/a	n/a
PFBA-13C4	2.49	210796934.2	No	n/a	n/a	10.3	29.14	129.14	216.86>171.89	n/a	n/a	280	n/a	n/a
PFBS-13C3	4.96	42193215.2	No	n/a	n/a	2.57	37.81	137.81	301.84>79.97	301.84>98.92	2.329	480	n/a	n/a
PFDA-13C6	8.00	25821819.2	No	n/a	n/a	1.25	25.48	125.48	518.90>473.90	n/a	n/a	463	n/a	n/a
PFDoA-13C2	8.61	18903736.7	No	n/a	n/a	1.20	20.19	120.19	614.82>569.80	614.82>168.94	4.031	372	n/a	n/a
PFHpA-13C4	5.64	57000122.5	No	n/a	n/a	2.63	31.65	131.65	366.93>321.94	366.93>171.90	4.514	363	n/a	n/a
PFHxA-13C5	4.98	49001478.4	No	n/a	n/a	2.63	31.35	131.35	317.79>272.91	n/a	n/a	358	n/a	n/a

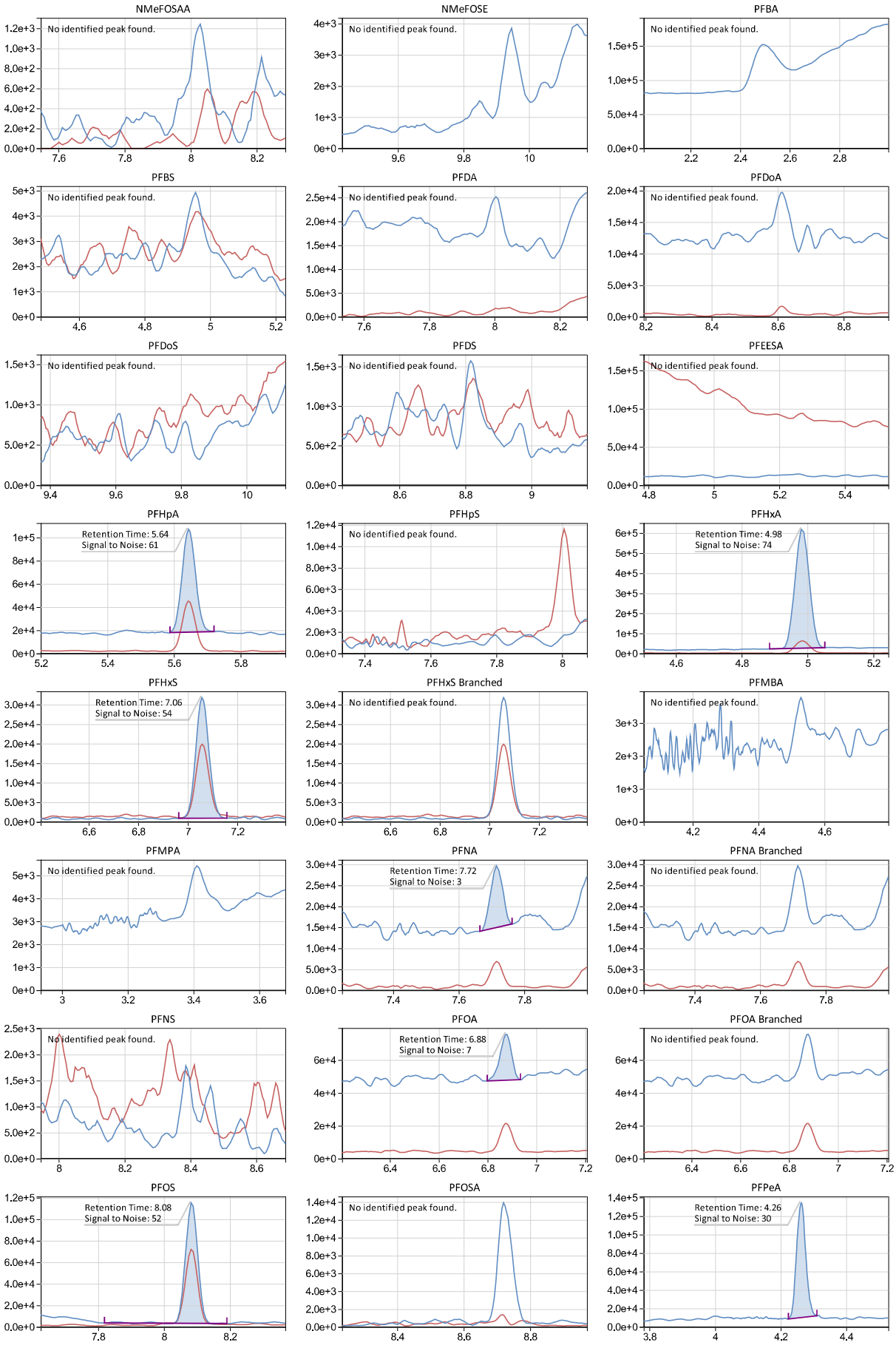
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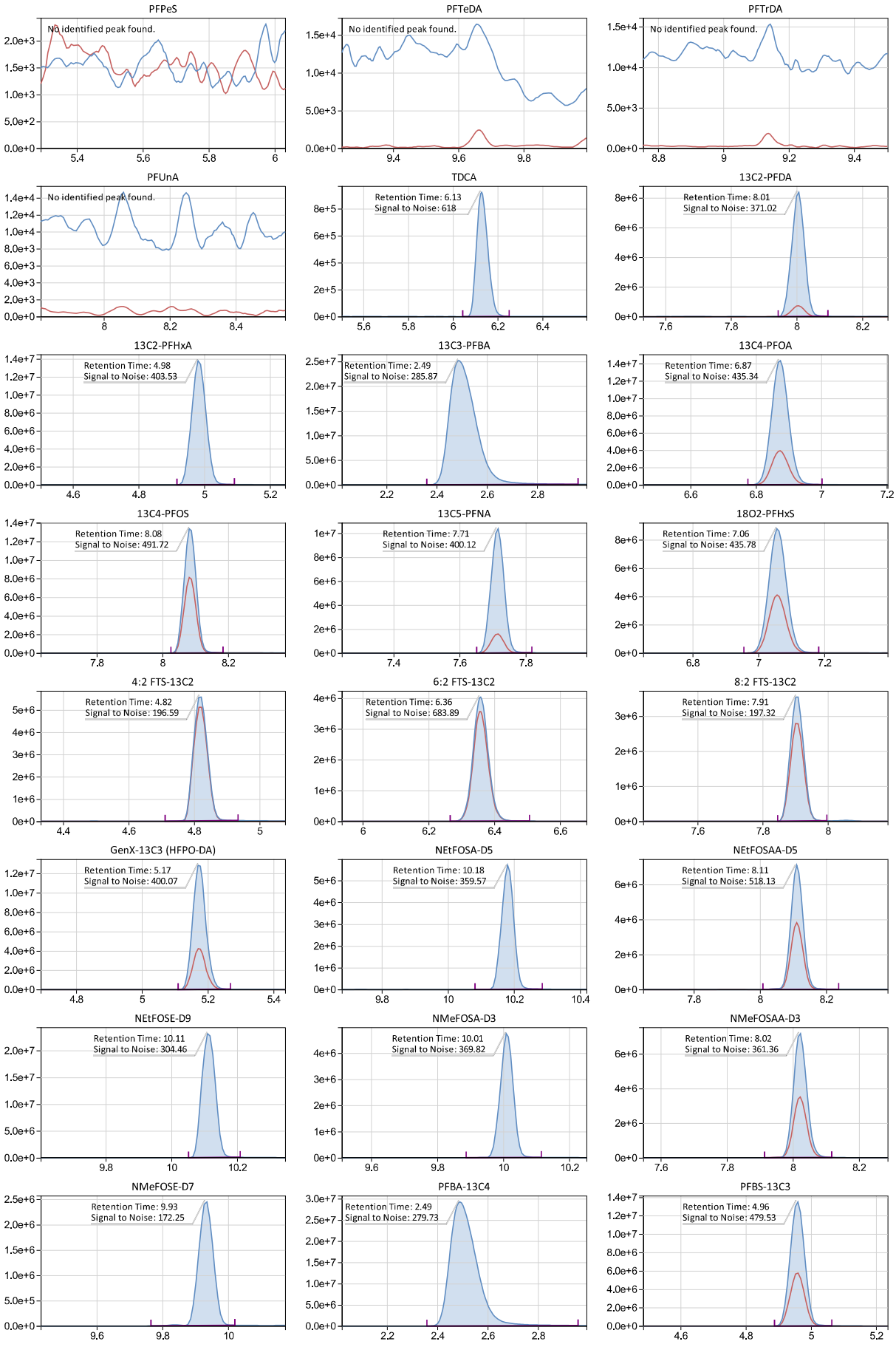
Analyte Name	Observed RT (min)	Response	Manual Changes	IS Response	Response Ratio	Calculated Concentration	% Deviation	% Recovery (IS)	Quan Ion (m/z)	Qual Ions (m/z)	Ion Ratios	Signal to Noise	Use LLoQ for undetected analytes	Average % Recovery (Analyte)
PFHxS-13C3	7.06	32042491.7	No	n/a	n/a	2.36	24.38	124.38	401.76>79.99	401.76>98.99	1.998	402	n/a	n/a
PFNA-13C9	7.71	28664916.3	No	n/a	n/a	1.24	23.83	123.83	471.82>426.89	471.82>172.14	3.566	452	n/a	n/a
PFOA-13C8	6.87	56223445.9	No	n/a	n/a	2.51	25.66	125.66	420.82>375.84	420.82>171.84	1.658	430	n/a	n/a
PFOS-13C8	8.08	37040290.5	No	n/a	n/a	2.49	29.98	129.98	506.84>79.94	506.84>98.98	1.677	319	n/a	n/a
PFOSA-13C8	8.72	50664440.0	No	n/a	n/a	2.45	22.71	122.71	505.74>78.04	n/a	n/a	531	n/a	n/a
PFPeA-13C5	4.26	68878758.4	No	n/a	n/a	5.28	32.07	132.07	268.00>222.94	n/a	n/a	552	n/a	n/a
PFTeDA-13C2	9.66	6478017.4	No	n/a	n/a	1.11	10.82	110.82	715.20>669.90	n/a	n/a	428	n/a	n/a
PFUnA-13C7	8.25	24069262.5	No	n/a	n/a	1.30	29.77	129.77	569.85>524.91	n/a	n/a	303	n/a	n/a

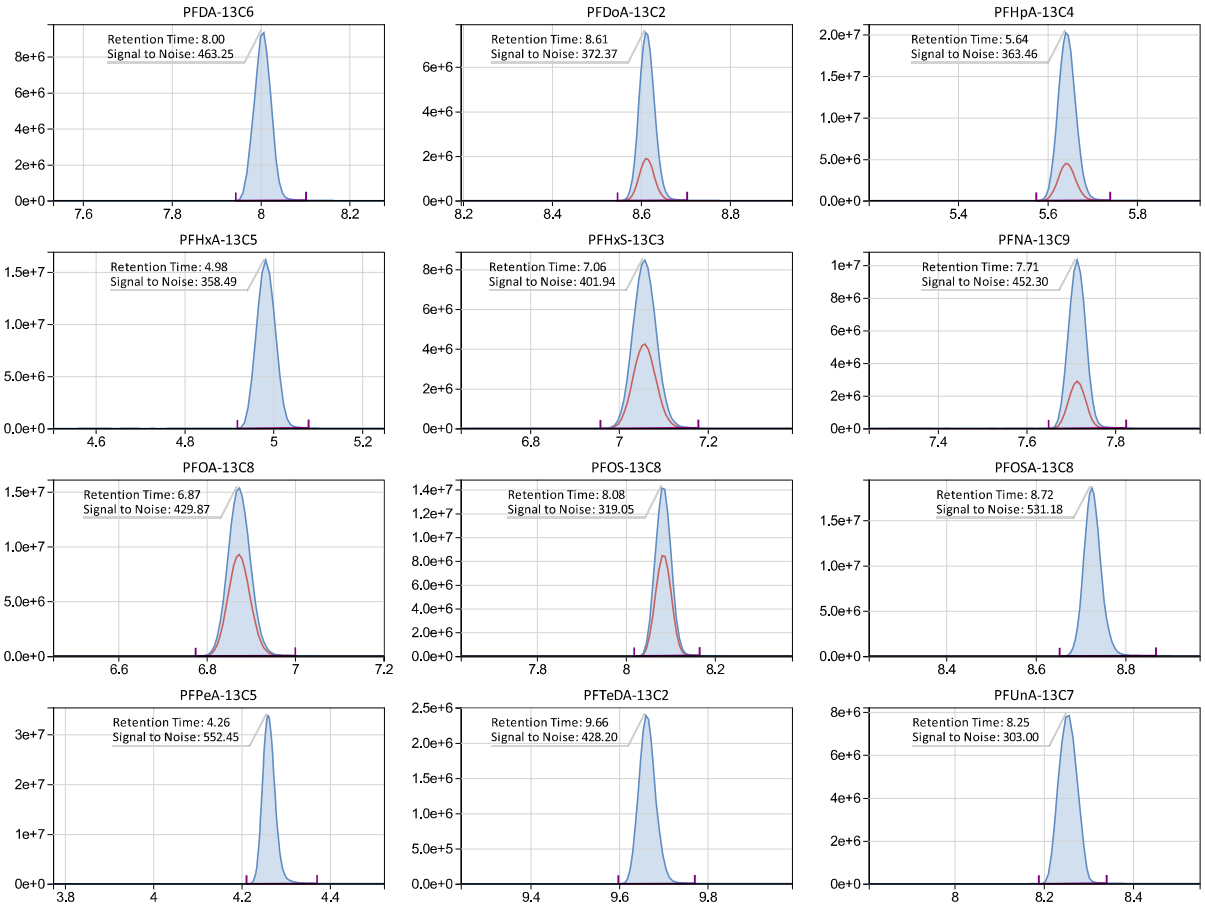
QUAN Qual #1




M-NEtFOSAA-D5
Retention Time: 8.11
Signal to Noise: 518
M-NEtFOSE-D9
Retention Time: 10.11
Signal to Noise: 304
M-NMeFOSA-D3
Retention Time: 10.01
Signal to Noise: 370
M-NMeFOSAA-D3
Retention Time: 8.02
Signal to Noise: 361
M-NMeFOSE-D7
Retention Time: 9.93
Signal to Noise: 172
M-PFBA-13C4
Retention Time: 2.49
Signal to Noise: 280
M-PFBS-13C3
Retention Time: 4.96
Signal to Noise: 480
M-PFDA-13C6
Retention Time: 8.00
Signal to Noise: 463
M-PFDoA-13C2
Retention Time: 8.61
Signal to Noise: 372
M-PFHpA-13C4
Retention Time: 5.64
Signal to Noise: 363
M-PFHxA-13C5
Retention Time: 4.98
Signal to Noise: 358
M-PFHxS-13C3
Retention Time: 7.06
Signal to Noise: 402
M-PFNA-13C9
Retention Time: 7.71
Signal to Noise: 452
M-PFOA-13C8
Retention Time: 6.87
Signal to Noise: 430
M-PFOS-13C8
Retention Time: 8.08
Signal to Noise: 358
M-PFOSA-13C8
Retention Time: 8.72
Signal to Noise: 531
M-PFPeA-13C5
Retention Time: 4.26
Signal to Noise: 552
M-PFTeDA-13C2
Retention Time: 9.66
Signal to Noise: 428
M-PFUnA-13C7
Retention Time: 8.25
Signal to Noise: 303
NEtFOSA
No identified peak found.
NEtFOSAA
No identified peak found.
NEtFOSE
No identified peak found.
NFDHA
No identified peak found.
NMeFOSA
No identified peak found.


NMeFOSAA
No identified peak found.
NMeFOSE
No identified peak found.
PFBA
No identified peak found.
PFBS
No identified peak found.
PFDA
No identified peak found.
PFDoA
No identified peak found.
PFDoS
No identified peak found.
PFDS
No identified peak found.
PFEESA
No identified peak found.
PFHpA
Retention Time: 5.64
Signal to Noise: 61
PFHpS
No identified peak found.
PFHxA
Retention Time: 4.98
Signal to Noise: 74
PFHxS
Retention Time: 7.06
Signal to Noise: 54
PFHxS Branched
No identified peak found.
PFMBA
No identified peak found.
PFMPA
No identified peak found.
PFNA
Retention Time: 7.72
Signal to Noise: 3
PFNA Branched
No identified peak found.
PFNS
No identified peak found.
PFOA
Retention Time: 6.88
Signal to Noise: 7
PFOA Branched
No identified peak found.
PFOS
Retention Time: 8.08
Signal to Noise: 52
PFOSA
No identified peak found.
PFPeA
Retention Time: 4.26
Signal to Noise: 30


PFPeS
No identified peak found.
PFTeDA
No identified peak found.
PFTrDA
No identified peak found.
PFUnA
No identified peak found.
TDCA
Retention Time: 6.13
Signal to Noise: 618
13C2-PFDA
Retention Time: 8.01
Signal to Noise: 371.02
13C2-PFHxA
Retention Time: 4.98
Signal to Noise: 403.53
13C3-PFBA
Retention Time: 2.49
Signal to Noise: 285.87
13C4-PFOA
Retention Time: 6.87
Signal to Noise: 435.34
13C4-PFOS
Retention Time: 8.08
Signal to Noise: 491.72
13C5-PFNA
Retention Time: 7.71
Signal to Noise: 400.12
18O2-PFHxS
Retention Time: 7.06
Signal to Noise: 435.78
4:2 FTS-13C2
Retention Time: 4.82
Signal to Noise: 196.59
6:2 FTS-13C2
Retention Time: 6.36
Signal to Noise: 683.89
8:2 FTS-13C2
Retention Time: 7.91
Signal to Noise: 197.32
GenX-13C3 (HFPO-DA)
Retention Time: 5.17
Signal to Noise: 400.07
NEtFOSA-D5
Retention Time: 10.18
Signal to Noise: 359.57
NEtFOSAA-D5
Retention Time: 8.11
Signal to Noise: 518.13
NEtFOSE-D9
Retention Time: 10.11
Signal to Noise: 304.46
NMeFOSA-D3
Retention Time: 10.01
Signal to Noise: 369.82
NMeFOSAA-D3
Retention Time: 8.02
Signal to Noise: 361.36
NMeFOSE-D7
Retention Time: 9.93
Signal to Noise: 172.25
PFBA-13C4
Retention Time: 2.49
Signal to Noise: 279.73
PFBS-13C3
Retention Time: 4.96
Signal to Noise: 479.53


PFDA-13C6
Retention Time: 8.00
Signal to Noise: 463.25
PFDoA-13C2
Retention Time: 8.61
Signal to Noise: 372.37
PFHpA-13C4
Retention Time: 5.64
Signal to Noise: 363.46
PFHxA-13C5
Retention Time: 4.98
Signal to Noise: 358.49
PFHxS-13C3
Retention Time: 7.06
Signal to Noise: 401.94
PFNA-13C9
Retention Time: 7.71
Signal to Noise: 452.30
PFOA-13C8
Retention Time: 6.87
Signal to Noise: 429.87
PFOS-13C8
Retention Time: 8.08
Signal to Noise: 319.05
PFOSA-13C8
Retention Time: 8.72
Signal to Noise: 531.18
PFPeA-13C5
Retention Time: 4.26
Signal to Noise: 552.45
PFTeDA-13C2
Retention Time: 9.66
Signal to Noise: 428.20
PFUnA-13C7
Retention Time: 8.25
Signal to Noise: 303.00

CONVENTIONAL AND PHYSICAL ANALYTICAL DATA

QC Summary Section

Quality Control Report

Blank Sample Summary Report

Total Solids

QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	Units	PQL
WG377669	SW846 3540C	08-OCT-25	07-OCT-25	100	%	1.0
WG377675	SW846 3540C	08-OCT-25	07-OCT-25	100	%	1.0
WG377724	SW846 3540C	09-OCT-25	08-OCT-25	100	%	1.0

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Laboratory Sample ID	Sample Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amount	Result	Recovery (%)	Acceptance Range	RPD
WG377669-2	LCS	WG377669	08-OCT-25	07-OCT-25	%	90	90.	100	90-110	
WG377675-2	LCS	WG377675	08-OCT-25	07-OCT-25	%	90	90.	100	90-110	
WG377724-2	LCS	WG377724	09-OCT-25	08-OCT-25	%	90	90.	100	90-110	

Quality Control Report

Duplicate Sample Summary Report

Total Solids

Laboratory Sample ID	Sample Type	QC Batch	Analysis Date	Prep Date	Units	Sample Result	Duplicate Result	RPD	RPD Limit
WG377669-3	SS5847-2	WG377669	08-OCT-25	07-OCT-25	%	87.	92.	5	20

Sample Data Section

SGS NORTH AMERICA, INC. - SCARBOROUGH
INORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U — Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client. Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

E — Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J — Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

I-7 — The laboratory's Practical Quantitation Level (PQL) or LOQ could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.

A-4 — Please refer to cover letter or narrative for further information.

H_ — Please note that the regulatory holding time for _____ is "analyze immediately". Ideally, this analysis must be performed in the field at the time of sample collection. _____ for this sample was not performed at the time of sample collection. The analysis was performed as soon as possible after receipt by the laboratory.
H1 - pH H2 - DO H3 - sulfite H4 - residual chlorine

T1 — The client did not provide the full volume of at least one liter for analysis of TSS. Therefore, the PQL of 2.5 mg/L could not be achieved.

T2 — The client provided the required volume of at least one liter for analysis of TSS, but the laboratory could not filter the full one liter volume due to the sample matrix. Therefore, the PQL of 2.5 mg/L could not be achieved.

M1 — The matrix spike and/or matrix spike duplicate recovery performed on this sample was outside of the laboratory acceptance criteria. Sample matrix is suspected. The laboratory criteria was met for the Laboratory Control Sample (LCS) analyzed concurrently with this sample.

M2 — The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory acceptance criteria. The native sample concentration is greater than four times the spike added concentration so the spike added could not be distinguished from the native sample concentration.

R1 — The relative percent difference (RPD) between the duplicate analyses performed on this sample was outside of the laboratory acceptance criteria (when both values are greater than ten times the PQL).

MCL	Maximum Contaminant Level	NL	No limit	NOD	No Odor Detected
NFL	No Free Liquid Present	FLP	Free Liquid Present	TON	Threshold Odor Number

D-1 — As required by Method 5210B, APHA Standard Methods for the Examination of Water and Wastewater (21st edition), the BOD value reported for this sample is 'qualified' because the check standard run concurrently with the sample analysis did not meet the criteria specified in the method (198 +/- 30.5 mg/L). These results may not be reportable for compliance purposes.

D-2 — The measured final dissolved oxygen concentrations of all dilutions were less than the method-specified limit of 1 mg/L. The reported BOD result was calculated assuming a final oxygen concentration equal to 1 mg/L. The reported value should be considered a minimum value.

D-3 — The dilution water used to prepare this sample did not meet the method and/or regulatory criteria of less than 0.2 mg/L dissolved oxygen (DO) uptake over the five day period of incubation. These results may not be reportable for compliance purposes.

D-4 — The dilution water used to prepare this sample did not meet the method and/or regulatory criteria of less than 0.4 mg/L dissolved oxygen (DO) uptake over the five day period of incubation. These results may not be reportable for compliance purposes.

D-5 — The seed control factor did not meet the method criteria of greater than 2.0 mg/L of dissolved oxygen (DO) uptake over the five day period of incubation. The dilution closest to meeting the criteria was used to estimate the seed control factor.

X1 — The weight difference between dry weights after measuring a third dry weight is greater than 0.001 g. [TS-AQ, TSS, TDS]

X2 — The weight difference between dry weights after measuring a third dry weight is greater than 0.05 g. [TS-ME]

Report of Analytical Results

Lab Sample ID: SS5847-1
Client ID: 2SB-01 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:10	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	88. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:05	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-2
Client ID: 2SB-01 5-7.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	87. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

Report of Analytical Results

Lab Sample ID: SS5847-3
Client ID: 2SB-01 7.5-10
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:00	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	85. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-4
Client ID: 2SB-02 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 09:10	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	86. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-5
Client ID: 2SB-02 5-7.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:10	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	90. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:18	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-6
Client ID: 2SB-02 7.5-10
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:20	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	70. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-7
Client ID: 2SB-03 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 10:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	84. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-8
Client ID: 2SB-03 10-12.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:35	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	89. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-9
Client ID: 2SB-03 12.5-15
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:35	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	89. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-10
Client ID: 2SB-04 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 15:30	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	83. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:19	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-11
Client ID: 2SB-04 0-5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 14:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	86. %	1.0	1.0	SW846 3540C	WG377669	08-OCT-25 14:20	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-12
Client ID: 2SB-04 10-15
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 14:50	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	93. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-13
Client ID: 2SB-05 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 12:45	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	78. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-14
Client ID: 2SB-05 5-7
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 14:30	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	87. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-15
Client ID: 2SB-06 SURF
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 11:55	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	68. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-16
Client ID: 2SB-06 0-2.5
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 12:30	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	86. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:06	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-17
Client ID: 2SB-06 7.5-10
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 12:38	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	92. %	1.0	1.0	SW846 3540C	WG377675	08-OCT-25 14:07	SW846 3540C	07-OCT-25	

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Report of Analytical Results

Lab Sample ID: SS5847-18
Client ID: DUP-20251001
SDG: SS5847
Report Date: 14-OCT-25

Matrix	Date Sampled	Date Received
SL	01-OCT-25 00:00	04-OCT-25

Parameter	Result	Adj PQL	Adj MDL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Footnotes
Total Solids	85. %	1.0	1.0	SW846 3540C	WG377724	09-OCT-25 08:29	SW846 3540C	08-OCT-25	

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Raw Data Section

TOTAL SOLIDS BATCH REPORT
Oct 08 2025, 02:23 pm
Batch: WG377669 Run ID: R673128

Sample	Matrix	Type	Prep Date	Tare	Initial	Final1	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
SS5846-1	N/A	SAMP	07-OCT-25	1.25487 g	20.1645 g	18.0922 g	18.0922 g	ASC/RAD	08-OCT-25	89.0410	89. %		
SS5846-2	N/A	SAMP	07-OCT-25	1.25487 g	24.5214 g	20.7842 g	20.7842 g	ASC/RAD	08-OCT-25	83.9370	84. %		
SS5846-3	N/A	SAMP	07-OCT-25	1.25487 g	20.7552 g	18.1076 g	18.1076 g	ASC/RAD	08-OCT-25	86.4230	86. %		
SS5846-4	N/A	SAMP	07-OCT-25	1.25487 g	27.774 g	25.0364 g	25.0364 g	ASC/RAD	08-OCT-25	89.6770	90. %		
SS5846-5	N/A	SAMP	07-OCT-25	1.25487 g	25.1329 g	21.9849 g	21.9849 g	ASC/RAD	08-OCT-25	86.8160	87. %		
SS5847-2	N/A	SAMP	07-OCT-25	1.25487 g	30.0409 g	26.1967 g	26.1967 g	ASC/RAD	08-OCT-25	86.6460	87. %		
SS5847-3	N/A	SAMP	07-OCT-25	1.25487 g	25.4513 g	21.9277 g	21.9277 g	ASC/RAD	08-OCT-25	85.4380	85. %		
SS5847-4	N/A	SAMP	07-OCT-25	1.25487 g	26.9017 g	23.1932 g	23.1932 g	ASC/RAD	08-OCT-25	85.5400	86. %		
SS5847-5	N/A	SAMP	07-OCT-25	1.25487 g	23.5962 g	21.3013 g	21.3013 g	ASC/RAD	08-OCT-25	89.7280	90. %		
SS5847-6	N/A	SAMP	07-OCT-25	1.25487 g	22.2113 g	15.9978 g	15.9978 g	ASC/RAD	08-OCT-25	70.3500	70. %		
SS5847-7	N/A	SAMP	07-OCT-25	1.25487 g	26.2832 g	22.375 g	22.375 g	ASC/RAD	08-OCT-25	84.3850	84. %		
SS5847-8	N/A	SAMP	07-OCT-25	1.25487 g	28.7773 g	25.7909 g	25.7909 g	ASC/RAD	08-OCT-25	89.1490	89. %		
SS5847-9	N/A	SAMP	07-OCT-25	1.25487 g	26.8395 g	23.9843 g	23.9843 g	ASC/RAD	08-OCT-25	88.8400	89. %		
SS5847-10	N/A	SAMP	07-OCT-25	1.25487 g	25.3631 g	21.3439 g	21.3439 g	ASC/RAD	08-OCT-25	83.3280	83. %		
SS5847-11	N/A	SAMP	07-OCT-25	1.25487 g	23.2346 g	20.097 g	20.097 g	ASC/RAD	08-OCT-25	85.7250	86. %		
SS5848-1	N/A	SAMP	07-OCT-25	1.25487 g	21.8174 g	21.1535 g	21.1535 g	ASC/RAD	08-OCT-25	96.7710	97. %		
SS5848-2	N/A	SAMP	07-OCT-25	1.25487 g	30.3455 g	29.4964 g	29.4964 g	ASC/RAD	08-OCT-25	97.0810	97. %		
WG377669-1	N/A	MBLANK	07-OCT-25	1.25487 g	5.7898 g	5.7978 g	5.7978 g	ASC/RAD	08-OCT-25	100.1760	100 %		
WG377669-2	N/A	LCS	07-OCT-25	1.25487 g	6.2529 g	5.7546 g	5.7546 g	ASC/RAD	08-OCT-25	90.0300	90. %	100	
WG377669-3	N/A	DUP	07-OCT-25	1.25487 g	30.3949 g	27.9255 g	27.9255 g	ASC/RAD	08-OCT-25	91.5260	92. %		5
WG377669-4	N/A	DUP	07-OCT-25	1.25487 g	23.7218 g	21.33 g	21.33 g	ASC/RAD	08-OCT-25	89.3540	89. %		0

Comments:

WG377669-1	SS5846-1
WG377669-2	SS5846-1
WG377669-3	SS5847-2
WG377669-4	SS5846-1

Entered by: ASC Date: 10-08-25 Accepted by: RAD Date: 10/8/25

SGS

Analytical Balance Workgroup (ts01)
07-OCT-25 12:56 PM

Work Group: WG377669 **Run ID:** R673128 **Department:** 100 Wetlab Prep **Created:** 07-OCT-25

Dish	Sample	Tare Wt (g)	Vol (mL)	Sample Type	Product	Method	Matrix	PQL	Status
1	SS5846-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
2	SS5846-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
3	SS5846-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
4	SS5846-4		ASC	SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
5	SS5846-5		10-07-25	SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
6	SS5847-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
7	SS5847-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
8	SS5847-4			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
9	SS5847-5			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
10	SS5847-6			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
11	SS5847-7			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
12	SS5847-8			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
13	SS5847-9			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
14	SS5847-10			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
15	SS5847-11			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
16	SS5848-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
17	SS5848-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
18	WG377669-1			MBLANK	TS	SW846 3540C	Solid	0.1%	WIP
19	WG377669-2			LCS	TS	SW846 3540C	Solid	0.1%	WIP
20	WG377669-3			DUP: SS5847-2	TS	SW846 3540C	Solid	0.1%	WIP
21	WG377669-4			DUP: SS5846-1	TS	SW846 3540C	Solid	0.1%	WIP

Comments:

Workorder Notes::

SS5846 Not DOD. Report 1633A full list of comounds. Standard PDF.
SS5847 Not DOD. Report 1633A full list of compounds. Need NYSDP B report w/ NY: 375 Residential. Send level 4 without sample raw data.
SS5848 Not DOD. Report 1633A full list of comounds. Standard PDF.

Notes:

00364016654 ASC 10-07-25

Balance ID: ~~1124016031~~ Oven Temp (C): TS/TSS: 103-105, TDS 178-182

Sand / LCS ID: SWL5260	Filter Lot #: —			Pipette ID: W23			Prep Start Time: 1402
Event:	**In 1**	**Out 1**	**In 2**	**Out 2**	**In 3**	**Out 3**	**Final Weight**
Analyst Initials:	ASC	ASC					ASC
Balance Calibrated? (Y/N)	Y	Y				ASC	Y
Date:	10-07-25	10-08-25				10-08-25	10-08-25
Time:	1426	1042					1421
Oven Temperature:	104°	103°					**Oven ID:** oven2

TOTAL SOLIDS BATCH REPORT
Oct 09 2025, 08:59 am
Batch: WG377724 Run ID: R673252

Sample	Matrix	Type	Prep Date	Tare	Initial	Final1	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
SS5770-1	N/A	SAMP	08-OCT-25	1.25487 g	23.245 g	21.9356 g	21.9356 g	SD	09-OCT-25	94.0460	94. %		
SS5770-2	N/A	SAMP	08-OCT-25	1.25487 g	22.9425 g	17.2174 g	17.2174 g	SD	09-OCT-25	73.6020	74. %		
SS5770-3	N/A	SAMP	08-OCT-25	1.25487 g	24.2931 g	22.5614 g	22.5614 g	SD	09-OCT-25	92.4830	92. %		
SS5770-4	N/A	SAMP	08-OCT-25	1.25487 g	25.212 g	23.6731 g	23.6731 g	SD	09-OCT-25	93.5760	94. %		
SS5818-1	N/A	SAMP	08-OCT-25	1.25487 g	22.5365 g	19.573 g	19.573 g	SD	09-OCT-25	86.0750	86. %		
SS5818-2	N/A	SAMP	08-OCT-25	1.25487 g	24.4433 g	19.4368 g	19.4368 g	SD	09-OCT-25	78.4090	78. %		
SS5818-3	N/A	SAMP	08-OCT-25	1.25487 g	23.7036 g	19.6154 g	19.6154 g	SD	09-OCT-25	81.7890	82. %		
SS5847-18	N/A	SAMP	08-OCT-25	1.25487 g	25.0549 g	21.5887 g	21.5887 g	SD	09-OCT-25	85.4360	85. %		
SS5881-1	N/A	SAMP	08-OCT-25	1.25487 g	26.065 g	23.0482 g	23.0482 g	SD	09-OCT-25	87.8400	88. %		
SS5881-2	N/A	SAMP	08-OCT-25	1.25487 g	25.1277 g	22.4053 g	22.4053 g	SD	09-OCT-25	88.5960	88. %		
SS5881-3	N/A	SAMP	08-OCT-25	1.25487 g	23.5094 g	20.9011 g	20.9011 g	SD	09-OCT-25	88.2800	88. %		
SS5881-4	N/A	SAMP	08-OCT-25	1.25487 g	20.1753 g	17.5032 g	17.5032 g	SD	09-OCT-25	85.8770	86. %		
SS5881-5	N/A	SAMP	08-OCT-25	1.25487 g	23.0605 g	20.0557 g	20.0557 g	SD	09-OCT-25	86.2200	86. %		
SS5881-6	N/A	SAMP	08-OCT-25	1.25487 g	24.5714 g	18.4722 g	18.4722 g	SD	09-OCT-25	73.8420	74. %		
SS5881-7	N/A	SAMP	08-OCT-25	1.25487 g	26.9716 g	24.6343 g	24.6343 g	SD	09-OCT-25	90.9110	91. %		
SS5881-8	N/A	SAMP	08-OCT-25	1.25487 g	25.6663 g	23.1684 g	23.1684 g	SD	09-OCT-25	89.7670	90. %		
SS5881-9	N/A	SAMP	08-OCT-25	1.25487 g	29.3245 g	26.1834 g	26.1834 g	SD	09-OCT-25	88.8100	89. %		
SS5881-10	N/A	SAMP	08-OCT-25	1.25487 g	24.8085 g	22.7763 g	22.7763 g	SD	09-OCT-25	91.3720	91. %		
WG377724-1	N/A	MBLANK	08-OCT-25	1.25487 g	5.761 g	5.7649 g	5.7649 g	SD	09-OCT-25	100.0860	100 %		
WG377724-2	N/A	LCS	08-OCT-25	1.25487 g	6.2853 g	5.7865 g	5.7865 g	SD	09-OCT-25	90.0840	90. %	100	
WG377724-3	N/A	DUP	08-OCT-25	1.25487 g	29.8588 g	27.4317 g	27.4317 g	SD	09-OCT-25	91.5150	92. %		1
WG377724-4	N/A	DUP	08-OCT-25	1.25487 g	25.9605 g	24.6821 g	24.6821 g	SD	09-OCT-25	94.8250	95. %		1

Comments:

SS5881-7	MS/MSD
WG377724-1	SS5770-1
WG377724-2	SS5770-1
WG377724-3	SS5881-7
WG377724-4	SS5770-1

Entered by: SD Date: 10-9-25 Accepted by: CA Date: 10/09/25

SGS

Analytical Balance Workgroup (ts01)

08-OCT-25 03:08 PM

Work Group: WG377724 **Run ID:** R073252 **Department:** 100 Wetlab Prep **Created:** 08-OCT-25

Dish	Sample	Tare Wt (g)	Vol (mL)	Sample Type	Product	Method	Matrix	PQL	Status
1	SS5770-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
2	SS5770-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
3	SS5770-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
4	SS5770-4			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
5	SS5818-1		ASC	SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
6	SS5818-2		10-08-25	SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
7	SS5818-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
8	SS5847-18			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
9	SS5881-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
10	SS5881-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
11	SS5881-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
12	SS5881-4			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
13	SS5881-5			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
14	SS5881-6			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
15	SS5881-7			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
16	SS5881-8			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
17	SS5881-9			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
18	SS5881-10			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
19	WG377724-1			MBLANK	TS	SW846 3540C	Solid	0.1%	WIP
20	WG377724-2			LCS	TS	SW846 3540C	Solid	0.1%	WIP
21	WG377724-3			DUP: SS5881-7	TS	SW846 3540C	Solid	0.1%	WIP
22	WG377724-4			DUP: SS5770-1	TS	SW846 3540C	Solid	0.1%	WIP

Comments:

SS5881-7 MS/MSD

Workorder Notes::

SS5770 DOD 6.0, ND to LOD w/ J flags. Use new detection limits, 6020B. Metals report in units of mg/L. Use FL-PRO spike. Need to report the following ranges: GRO C6-C10, DRO C10-C28, ORO C28-C44.

SS5818 DOD 6.0, ND to LOD w/ J flags. Use new detection limits, 6020B. Metals report in units of mg/L. Use FL-PRO spike. Need to report the following ranges: GRO C6-C10, DRO C10-C28, ORO C28-C44.

SS5847 Not DOD. Report 1633A full list of compounds. Need NYSDP B report w/ NY: 375 Residential. Send level 4 without sample raw data.

SS5881 Not DOD. Report 1633A full list of compounds. Need NYSDP B report w/ NY: 375 Residential. Send level 4 without sample raw data.

Notes: *forgot to select "save TS measure"

0036406654 ASC 10-08-25

Balance ID: ~~112401603T~~ Oven Temp (C): TS/TSS: 103-105, TDS 178-182

Sand / LCS ID: SW15260	Filter Lot #: —			Pipette ID: W23			Prep Start Time: 1623
Event:	**In 1**	**Out 1**	**In 2**	**Out 2**	**In 3**	**Out 3**	**Final Weight**
Analyst Initials:	ASC	SD		SD			SD
Balance Calibrated? (Y/N)	Y	Y		10-9-25			Y
Date:	10-08-25	10-9-25					10-9-25
Time:	1642	0608					0859
Oven Temperature:	104°	104°C					**Oven ID:** oven 2

TOTAL SOLIDS BATCH REPORT
Oct 08 2025, 02:11 pm
Batch: WG377675 Run ID: R673140

Sample	Matrix	Type	Prep Date	Tare	Initial	Final1	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
SS5785-1	N/A	SAMP	07-OCT-25	1.25487 g	22.1445 g	17.8957 g	17.8957 g	ASC/RAD	08-OCT-25	79.6610	80. %		
SS5785-2	N/A	SAMP	07-OCT-25	1.25487 g	26.1697 g	20.2299 g	20.2299 g	ASC/RAD	08-OCT-25	76.1600	76. %		
SS5785-3	N/A	SAMP	07-OCT-25	1.25487 g	30.8021 g	24.0974 g	24.0974 g	ASC/RAD	08-OCT-25	77.3080	77. %		
SS5785-4	N/A	SAMP	07-OCT-25	1.25487 g	21.4718 g	18.4361 g	18.4361 g	ASC/RAD	08-OCT-25	84.9840	85. %		
SS5785-5	N/A	SAMP	07-OCT-25	1.25487 g	20.989 g	19.3697 g	19.3697 g	ASC/RAD	08-OCT-25	91.7940	92. %		
SS5847-1	N/A	SAMP	07-OCT-25	1.25487 g	29.2985 g	25.8807 g	25.8807 g	ASC/RAD	08-OCT-25	87.8120	88. %		
SS5847-12	N/A	SAMP	07-OCT-25	1.25487 g	31.4531 g	29.4431 g	29.4431 g	ASC/RAD	08-OCT-25	93.3440	93. %		
SS5847-13	N/A	SAMP	07-OCT-25	1.25487 g	21.7299 g	17.2983 g	17.2983 g	ASC/RAD	08-OCT-25	78.3560	78. %		
SS5847-14	N/A	SAMP	07-OCT-25	1.25487 g	21.369 g	18.801 g	18.801 g	ASC/RAD	08-OCT-25	87.2330	87. %		
SS5847-15	N/A	SAMP	07-OCT-25	1.25487 g	21.3696 g	14.8328 g	14.8328 g	ASC/RAD	08-OCT-25	67.5020	68. %		
SS5847-16	N/A	SAMP	07-OCT-25	1.25487 g	24.5986 g	21.3781 g	21.3781 g	ASC/RAD	08-OCT-25	86.2040	86. %		
SS5847-17	N/A	SAMP	07-OCT-25	1.25487 g	24.5898 g	22.6067 g	22.6067 g	ASC/RAD	08-OCT-25	91.5020	92. %		
SS5883-1	N/A	SAMP	07-OCT-25	1.25487 g	21.6919 g	20.7364 g	20.7364 g	ASC/RAD	08-OCT-25	95.3250	95. %		
SS5883-2	N/A	SAMP	07-OCT-25	1.25487 g	24.3589 g	23.0508 g	23.0508 g	ASC/RAD	08-OCT-25	94.3380	94. %		
SS5883-3	N/A	SAMP	07-OCT-25	1.25487 g	24.2658 g	23.3486 g	23.3486 g	ASC/RAD	08-OCT-25	96.0140	96. %		
SS5886-1	N/A	SAMP	07-OCT-25	1.25487 g	23.4711 g	22.6551 g	22.6551 g	ASC/RAD	08-OCT-25	96.3270	96. %		
SS5886-2	N/A	SAMP	07-OCT-25	1.25487 g	27.9843 g	26.8678 g	26.8678 g	ASC/RAD	08-OCT-25	95.8230	96. %		
SS5886-3	N/A	SAMP	07-OCT-25	1.25487 g	27.8285 g	26.643 g	26.643 g	ASC/RAD	08-OCT-25	95.5390	96. %		
WG377675-1	N/A	MBLANK	07-OCT-25	1.25487 g	5.7521 g	5.7511 g	5.7511 g	ASC/RAD	08-OCT-25	99.9780	100 %		
WG377675-2	N/A	LCS	07-OCT-25	1.25487 g	6.2735 g	5.7719 g	5.7719 g	ASC/RAD	08-OCT-25	90.0050	90. %	100	
WG377675-3	N/A	DUP	07-OCT-25	1.25487 g	21.522 g	20.5408 g	20.5408 g	ASC/RAD	08-OCT-25	95.1590	95. %		0
WG377675-4	N/A	DUP	07-OCT-25	1.25487 g	25.0907 g	23.9741 g	23.9741 g	ASC/RAD	08-OCT-25	95.3150	95. %		0

Comments:

WG377675-1	SS5785-1
WG377675-2	SS5785-1
WG377675-3	SS5883-1
WG377675-4	SS5886-3

Entered by: ASC Date: 10-08-25 Accepted by: Date: 10/8/25

SGS

Analytical Balance Workgroup (ts01)

07-OCT-25 04:15 PM

Work Group: WG377675 **Run ID:** RW73140 **Department:** 100 Wetlab Prep **Created:** 07-OCT-25

Dish	Sample	Tare Wt (g)	Vol (mL)	Sample Type	Product	Method	Matrix	PQL	Status
1	SS5785-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
2	SS5785-2②			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
3	SS5785-3①			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
4	SS5785-4			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
5	SS5785-5			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
6	SS5847-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
7	SS5847-12			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
8	SS5847-13			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
9	SS5847-14			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
10	SS5847-15			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
11	SS5847-16			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
12	SS5847-17			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
13	SS5883-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
14	SS5883-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
15	SS5883-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
16	SS5886-1			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
17	SS5886-2			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
18	SS5886-3			SAMPLE	TS	SW846 3540C	Solid	0.1%	WIP
19	WG377675-1			MBLANK	TS	SW846 3540C	Solid	0.1%	WIP
20	WG377675-2			LCS	TS	SW846 3540C	Solid	0.1%	WIP
21	WG377675-3			DUP: SS5883-1	TS	SW846 3540C	Solid	0.1%	WIP
22	WG377675-4			DUP: SS5886-3	TS	SW846 3540C	Solid	0.1%	WIP

Comments:

Workorder Notes::

SS5785	DOD, ND to LOD w/ J flags.
SS5847	Not DOD. Report 1633A full list of compounds. Need NYSDP B report w/ NY: 375 Residential. Send level 4 without sample raw data.
SS5883	Not DOD. Report 1633A full list of compounds. Standard PDF.
SS5886	Not DOD. Report 1633A full list of compounds. Standard PDF.

②Sample was weighed 1 day out of hold ASC 10-07-25

Notes: ①Sample was weighed 8 days out of hold ASC 10-07-25

003640(d65H ASC 10-07-25

Balance ID: ~~1124016031~~ Oven Temp (C): TS/TSS: 103-105, TDS 178-182

Sand / LCS ID SWL5260	Filter Lot #: —			Pipette ID: W23			Prep Start Time: 1632
Event:	**In 1**	**Out 1**	**In 2**	**Out 2**	**In 3**	**Out 3**	**Final Weight** HHH ASC 10-08-25
Analyst Initials:	ASC	ASC					ASC
Balance Calibrated? (Y/N)	Y	Y				ASC	Y
Date:	10-07-25	10-08-25				10-08-25	10-08-25
Time:	1656	1042					1411
Oven Temperature:	104°	103°					**Oven ID:** oven2

PHOENIX
Environmental Laboratories, Inc.

Wednesday, November 26, 2025

Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Project ID: **22003-0092**
SDG ID: **GCU41609**
Sample ID#s: CU41609 - CU41631, CU41633 - CU41636

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

November 26, 2025

SDG I.D.: GCU41609

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.
Compounds that are detected above MDL but below RL are qualified with a J flag.

Version 1: Analysis results minus raw data.

Version 2: Revised Analysis Lists corrected PFAS units.

Version 3: Complete report with raw data.

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	9:20
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41609

Project ID: 22003-0092
Client ID: 2SB-07 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	S/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	S/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	E		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.39	0.39	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	GW/GW	SW7473	
Percent Solid	87				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.83		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	322				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/13/25	SD/C/Z	SW3546	
Total Cyanide	ND		0.57	0.287	mg/Kg	1	10/09/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	14100		40	8.0	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	4.0	4.0	mg/Kg	1	10/06/25	CPP	SW6010D	
arsenic	6.92		0.80	0.80	mg/Kg	1	10/06/25	CPP	SW6010D	
barium	286		0.8	0.40	mg/Kg	1	10/06/25	CPP	SW6010D	
beryllium	0.62		0.32	0.16	mg/Kg	1	10/06/25	CPP	SW6010D	

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cadmium	0.65		0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
calcium	4770		4.0	3.7	mg/Kg	1	10/06/25	CPP	SW6010D
chromium	18.7		0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
cobalt	10.4		0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
copper	36.2		0.8	0.40	mg/kg	1	10/06/25	CPP	SW6010D
iron	25200		4.0	4.0	mg/Kg	1	10/06/25	CPP	SW6010D
lead	891		0.8	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
magnesium	5550		4.0	4.0	mg/Kg	1	10/06/25	CPP	SW6010D
manganese	659	*	0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
mercury	0.82		0.03	0.02	mg/Kg	2	10/08/25	AJ1	SW7471B
nickel	23.5		0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
potassium	1350	N	80	31	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		1.6	1.4	mg/Kg	1	10/06/25	CPP	SW6010D
silver	ND		0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
sodium	77		8	3.4	mg/Kg	1	10/06/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/06/25	CPP	SW6010D
vanadium	29.7		0.40	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
zinc	227		0.8	0.40	mg/Kg	1	10/06/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	109				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	100				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.076	0.076	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	70				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	63				%	2	10/14/25	SC	30 - 150 %
% TCMX	76				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	74				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B

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4,4' -DDE	0.0045	0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
4,4' -DDT	0.017	0.0023	0.0023	mg/Kg	2	10/14/25	KCA	SW8081B
a-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
b-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
d-BHC	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan I	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan II	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin aldehyde	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin ketone	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	KCA	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0076	0.0076	mg/Kg	2	10/14/25	KCA	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/14/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	64			%	2	10/14/25	KCA	30 - 150 %
% DCBP (Confirmation)	61			%	2	10/14/25	KCA	30 - 150 %
% TCMX	66			%	2	10/14/25	KCA	30 - 150 %
% TCMX (Confirmation)	70			%	2	10/14/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0068	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.1	0.055	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.041	0.0068	mg/Kg	1	10/09/25	PS	SW8260D

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2-hexanone	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.068	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0068	0.0034	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0068	0.0027	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.068	0.068	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.014	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.068	0.027	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0068	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	94			%	1	10/09/25	PS	70 - 130 %

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% Dibromofluoromethane	105				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	100				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND		0.076	0.076	mg/Kg	1	10/11/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.61	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND		0.61	0.27	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.38	0.068	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.45	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND		0.61	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.38	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND		0.27	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND		0.61	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	0.13	J	0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND		0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	0.34		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND		0.38	4.4	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	1.1		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	1.1		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	1.4		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	0.7		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	0.5		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	

Project ID: 22003-0092
Client ID: 2SB-07 SURF

Phoenix I.D.: CU41609

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.76	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND		0.38	0.38	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.27	0.098	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.27	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.38	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND		0.27	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND		0.38	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	1		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	0.18	J	0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.76	0.38	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.27	0.098	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	2.4		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.27	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.27	0.27	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.72		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.38	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND		0.38	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	1.4		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND		0.27	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	2		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	74				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	55				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	44				%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorophenol	60				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	57				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	40				%	1	10/11/25	MR	30 - 130 %	
% Phenol-d5	61				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	60				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	55				%	1	10/11/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.754	0.218	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.754	0.221	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.754	0.271	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.754	0.114	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.942	0.350	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		4.71	0.829	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

Project ID: 22003-0092
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Phoenix I.D.: CU41609

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.71	0.679	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.754	0.204	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.754	0.142	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.754	0.172	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.188	0.0631	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.188	0.0565	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.88	0.652	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.377	0.0509	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.188	0.0660	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.188	0.0641	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.88	0.664	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.188	0.0434	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.188	0.0518	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.188	0.0302	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.188	0.0481	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0870	J	0.188	0.0490	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.188	0.0594	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.188	0.0858	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0986	J	0.188	0.0377	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.188	0.00660	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0804	J	0.188	0.0434	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.754	0.154	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.188	0.0499	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.233		0.188	0.0132	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.00		0.188	0.0556	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.753		0.188	0.0264	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.188	0.0349	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0873	J	0.377	0.0792	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.188	0.0876	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.188	0.0509	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0828	J	0.188	0.0358	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.377	0.0735	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.377	0.0773	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.377	0.111	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	114.				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	123.				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	85.0				%	1	10/10/25		20 - 130 %	C
% M3PFBS	112.				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	108.				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	101.				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	105.				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	98.5				%	1	10/10/25		35 - 130 %	C
% M6PFDA	106.				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	113.				%	1	10/10/25		40 - 130 %	C
% M8FOSA	93.3				%	1	10/10/25		40 - 130 %	C
% M8PFOA	102.				%	1	10/10/25		40 - 130 %	C
% M8PFOS	113.				%	1	10/10/25		40 - 130 %	C
% M9PFNA	107.				%	1	10/10/25		40 - 130 %	C

Ver 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	94.5			%	1	10/10/25		8 - 130 %	C
% MPFDoA	106.			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	114.			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	122.			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	78.7			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	80.6			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	59.0			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	69.6			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	110.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	93.6			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

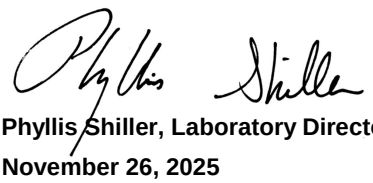
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	10:15
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41610

Project ID: 22003-0092
Client ID: 2SB-07 10-15

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	S/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	S/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	E		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.41	0.41	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	GW/GW	SW7473	
Percent Solid	88				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.05		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	304				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/13/25	SD/C/Z	SW3546	
Total Cyanide	ND		0.57	0.284	mg/Kg	1	10/09/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	14600		38	7.7	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	3.8	3.8	mg/Kg	1	10/06/25	CPP	SW6010D	
arsenic	5.66		0.77	0.77	mg/Kg	1	10/06/25	CPP	SW6010D	
barium	95.4		0.8	0.38	mg/Kg	1	10/06/25	CPP	SW6010D	
beryllium	0.73		0.31	0.15	mg/Kg	1	10/06/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-07 10-15

Phoenix I.D.: CU41610

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.50		0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
calcium	24600		38	35	mg/Kg	10	10/06/25	CPP	SW6010D
chromium	27.6		0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
cobalt	11.1		0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
copper	34.5		0.8	0.38	mg/kg	1	10/06/25	CPP	SW6010D
iron	31100		3.8	3.8	mg/Kg	1	10/06/25	CPP	SW6010D
lead	215		0.8	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
magnesium	6760		3.8	3.8	mg/Kg	1	10/06/25	CPP	SW6010D
manganese	680	*	0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
mercury	0.08		0.03	0.02	mg/Kg	2	10/08/25	AJ1	SW7471B
nickel	26.8		0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
potassium	1780	N	77	30	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/06/25	CPP	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
sodium	233		8	3.3	mg/Kg	1	10/06/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/06/25	CPP	SW6010D
vanadium	23.7		0.38	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
zinc	123		0.8	0.38	mg/Kg	1	10/06/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	95				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	90				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1221	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1232	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1242	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1248	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1254	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1260	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1262	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
PCB-1268	ND		0.075	0.075	mg/Kg	2	10/14/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	73				%	2	10/14/25	SC	30 - 150 %
% DCBP (Confirmation)	67				%	2	10/14/25	SC	30 - 150 %
% TCMX	79				%	2	10/14/25	SC	30 - 150 %
% TCMX (Confirmation)	78				%	2	10/14/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/14/25	KCA	SW8081B

Ver 2

Project ID: 22003-0092
Client ID: 2SB-07 10-15

Phoenix I.D.: CU41610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0022	0.0022	mg/Kg	2	10/14/25	KCA	SW8081B
4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/14/25	KCA	SW8081B
a-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
a-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/14/25	KCA	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/14/25	KCA	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/14/25	KCA	SW8081B
b-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/14/25	KCA	SW8081B
d-BHC	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan I	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan II	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endosulfan sulfate	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin aldehyde	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Endrin ketone	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/14/25	KCA	SW8081B
g-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Heptachlor epoxide	ND	0.0075	0.0075	mg/Kg	2	10/14/25	KCA	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/14/25	KCA	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/14/25	KCA	SW8081B
QA/QC Surrogates								
% DCBP	77			%	2	10/14/25	KCA	30 - 150 %
% DCBP (Confirmation)	74			%	2	10/14/25	KCA	30 - 150 %
% TCMX	77			%	2	10/14/25	KCA	30 - 150 %
% TCMX (Confirmation)	75			%	2	10/14/25	KCA	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0045	0.00098	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.067	0.036	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.027	0.0045	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND		0.022	0.0045	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND		0.022	0.0045	mg/Kg	1	10/09/25	PS	SW8260D
acetone	0.018	JS	0.045	0.0045	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND		0.0045	0.0022	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND		0.0045	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	0.0034	J	0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND		0.045	0.045	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND		0.009	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND		0.022	0.0045	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND		0.045	0.018	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND		0.0045	0.0009	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND		0.0045	0.00045	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND		0.0045	0.0045	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	102				%	1	10/09/25	PS	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	108			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	100			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.6	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND	0.6	0.26	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.068	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND	0.6	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND	0.6	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND	1.1	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.75	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND		0.38	0.38	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.26	0.097	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.38	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND		0.26	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND		0.38	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	ND		0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND		0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND		0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND		0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.75	0.38	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.26	0.097	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	ND		0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND		0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND		0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.26	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.26	0.26	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND		0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND		0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND		0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND		0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND		0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.38	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.38	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND		0.38	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	ND		0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND		0.26	0.068	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	ND		0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	87				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	59				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	52				%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	68				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	66				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	51				%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	70				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	67				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	68				%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.736	0.213	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.736	0.216	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.736	0.265	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	0.337	J	0.736	0.111	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.921	0.342	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		4.60	0.810	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.60	0.664	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.736	0.199	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.736	0.139	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.736	0.168	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.184	0.0617	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.184	0.0552	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.84	0.637	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.368	0.0497	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.184	0.0644	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.184	0.0626	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.84	0.649	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.184	0.0423	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.184	0.0506	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.184	0.0295	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.184	0.0470	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.184	0.0479	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.184	0.0580	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.184	0.0838	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0531	J	0.184	0.0368	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.184	0.00644	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0494	J	0.184	0.0423	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.736	0.151	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.184	0.0488	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0772	J	0.184	0.0129	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.374		0.184	0.0543	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.272		0.184	0.0258	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.184	0.0341	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.368	0.0773	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.184	0.0856	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.184	0.0497	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.184	0.0350	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.368	0.0718	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.368	0.0755	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.368	0.109	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	83.6				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	78.0				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	60.1				%	1	10/10/25		20 - 130 %	C
% M3PFBS	85.9				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	80.1				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	71.8				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	73.3				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	70.6				%	1	10/10/25		35 - 130 %	C
% M6PFDA	78.7				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	85.0				%	1	10/10/25		40 - 130 %	C
% M8FOSA	68.0				%	1	10/10/25		40 - 130 %	C
% M8PFOA	72.8				%	1	10/10/25		40 - 130 %	C
% M8PFOS	79.7				%	1	10/10/25		40 - 130 %	C
% M9PFNA	75.2				%	1	10/10/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-07 10-15

Phoenix I.D.: CU41610

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	93.3			%	1	10/10/25		8 - 130 %	C
% MPFDoA	73.0			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	66.3			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	68.4			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	64.5			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	66.7			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	51.9			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	59.5			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	81.1			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	66.2			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	9:00
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41611

Project ID: 22003-0092
Client ID: 2SB-08 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	E		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.42	0.42	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	86				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.79		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	352				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/13/25	SD/C/Z	SW3546	
Total Cyanide	3.21		0.58	0.291	mg/Kg	1	10/09/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	13700		34	6.8	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	3.4	3.4	mg/Kg	1	10/06/25	CPP	SW6010D	
arsenic	8.27		0.68	0.68	mg/Kg	1	10/06/25	CPP	SW6010D	
barium	337		0.7	0.34	mg/Kg	1	10/06/25	CPP	SW6010D	
beryllium	0.59		0.27	0.14	mg/Kg	1	10/06/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-08 SURF

Phoenix I.D.: CU41611

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	1.31		0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
calcium	5040		3.4	3.1	mg/Kg	1	10/06/25	CPP	SW6010D
chromium	21.3		0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
cobalt	10.4		0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
copper	39.3		0.7	0.34	mg/kg	1	10/06/25	CPP	SW6010D
iron	32700		3.4	3.4	mg/Kg	1	10/06/25	CPP	SW6010D
lead	2260		0.7	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
magnesium	5530		3.4	3.4	mg/Kg	1	10/06/25	CPP	SW6010D
manganese	590	*	0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
mercury	1.95	N, *	0.07	0.04	mg/Kg	5	10/09/25	ZT	SW7471B
nickel	26.9		0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
potassium	1260	N	68	27	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		2.0	1.2	mg/Kg	1	10/06/25	CPP	SW6010D
silver	ND		0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
sodium	73		7	2.9	mg/Kg	1	10/06/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/06/25	CPP	SW6010D
vanadium	37.6		0.34	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
zinc	535		0.7	0.34	mg/Kg	1	10/06/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	106				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	91				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	52				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	50				%	2	10/15/25	SC	30 - 150 %
% TCMX	56				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	55				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

Project ID: 22003-0092
Client ID: 2SB-08 SURF

Phoenix I.D.: CU41611

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	0.0069	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	0.02	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	55			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	62			%	2	10/15/25	AW	30 - 150 %
% TCMX	71			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	50			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0068	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.1	0.054	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.041	0.0068	mg/Kg	1	10/09/25	PS	SW8260D

Project ID: 22003-0092
Client ID: 2SB-08 SURF

Phoenix I.D.: CU41611

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.068	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0068	0.0034	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0068	0.0027	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.068	0.068	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.014	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.068	0.027	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0068	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	89			%	1	10/09/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: 2SB-08 SURF

Phoenix I.D.: CU41611

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	107				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	98				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.39	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND		0.077	0.077	mg/Kg	1	10/11/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.62	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND		0.62	0.27	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.39	0.069	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.46	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND		0.62	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.39	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND		0.27	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND		0.62	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	0.19	J	0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	0.27		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND		0.39	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	0.59		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND		0.39	4.5	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	1.9		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	1.8		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	2.5		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	1.1		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	0.78		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.77	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND		0.39	0.39	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.27	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.39	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	5.3		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND		0.27	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	0.25	J	0.39	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	1.9		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	0.27		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	0.13	J	0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.77	0.39	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.27	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	4		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	0.2	J	0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.27	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.27	0.27	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	1.1		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	0.17	J	0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.39	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.39	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND		0.39	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	2.7		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	3.6		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	85				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	63				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	44				%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorophenol	70				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	69				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	41				%	1	10/11/25	MR	30 - 130 %	
% Phenol-d5	73				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	69				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	63				%	1	10/11/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.712	0.206	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.712	0.209	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.712	0.256	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.712	0.108	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.890	0.331	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		4.45	0.784	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Phoenix I.D.: CU41611

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.45	0.642	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.712	0.192	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.712	0.134	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.712	0.162	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.178	0.0597	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	0.0968	J	0.178	0.0534	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.78	0.616	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.356	0.0481	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.178	0.0623	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.178	0.0606	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.78	0.628	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.178	0.0410	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.178	0.0490	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.178	0.0285	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.178	0.0454	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.288		0.178	0.0463	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.178	0.0561	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.124	J	0.178	0.0810	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.187		0.178	0.0356	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.178	0.00623	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.151	J	0.178	0.0410	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.226	J	0.712	0.146	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.178	0.0472	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.511		0.178	0.0125	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.81		0.178	0.0525	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	1.22		0.178	0.0249	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.178	0.0329	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.154	J	0.356	0.0748	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	0.0948	J	0.178	0.0828	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.117	J	0.178	0.0481	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.288		0.178	0.0338	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.356	0.0695	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.356	0.0730	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.356	0.105	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	99.7				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	125.				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	80.9				%	1	10/10/25		20 - 130 %	C
% M3PFBS	97.8				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	94.1				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	87.1				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	88.5				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	85.3				%	1	10/10/25		35 - 130 %	C
% M6PFDA	92.4				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	95.7				%	1	10/10/25		40 - 130 %	C
% M8FOSA	86.2				%	1	10/10/25		40 - 130 %	C
% M8PFOA	89.4				%	1	10/10/25		40 - 130 %	C
% M8PFOS	100.				%	1	10/10/25		40 - 130 %	C
% M9PFNA	90.7				%	1	10/10/25		40 - 130 %	C

Project ID: 22003-0092
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	93.5			%	1	10/10/25		8 - 130 %	C
% MPFDoA	93.7			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	115.			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	122.			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	75.7			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	73.7			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	61.1			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	68.2			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	104.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	77.0			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

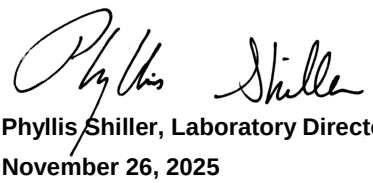
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	9:35
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41612

Project ID: 22003-0092
Client ID: 2SB-08 8-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.43	0.43	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	88				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.32		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	319				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.57	0.284	mg/Kg	1	10/09/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12600		36	7.1	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	3.6	3.6	mg/Kg	1	10/06/25	CPP	SW6010D	
arsenic	4.71		0.71	0.71	mg/Kg	1	10/06/25	CPP	SW6010D	
barium	54.8		0.7	0.36	mg/Kg	1	10/06/25	CPP	SW6010D	
beryllium	0.66		0.28	0.14	mg/Kg	1	10/06/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.57		0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
calcium	21100		36	33	mg/Kg	10	10/06/25	CPP	SW6010D
chromium	18.3		0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
cobalt	12.9		0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
copper	29.2		0.7	0.36	mg/kg	1	10/06/25	CPP	SW6010D
iron	29200		3.6	3.6	mg/Kg	1	10/06/25	CPP	SW6010D
lead	14.6		0.7	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
magnesium	6870		3.6	3.6	mg/Kg	1	10/06/25	CPP	SW6010D
manganese	968	*	0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
mercury	0.03	J, N,	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	26.0		0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
potassium	1390	N	71	28	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/06/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
sodium	191		7	3.1	mg/Kg	1	10/06/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/06/25	CPP	SW6010D
vanadium	19.8		0.36	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
zinc	88.9		0.7	0.36	mg/Kg	1	10/06/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	82				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	77				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	71				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	68				%	2	10/15/25	SC	30 - 150 %
% TCMX	69				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	65				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B

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4,4' -DDE	ND	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	67			%	2	10/15/25	AW	30 - 150 %
% TCMX	60			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	62			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0044	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.066	0.035	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.027	0.0044	mg/Kg	1	10/09/25	PS	SW8260D

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2-hexanone	ND	0.022	0.0044	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.022	0.0044	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.044	0.0044	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0044	0.0022	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0044	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.044	0.044	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.022	0.0044	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.044	0.018	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0044	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0044	0.00044	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0044	0.0044	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	99			%	1	10/09/25	PS	70 - 130 %

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% Dibromofluoromethane	104			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	100			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.37	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.59	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND	0.59	0.26	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.37	0.066	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.44	0.17	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND	0.59	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.37	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND	0.59	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND	1.1	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND	0.37	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND	0.37	4.3	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.73	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND	0.37	0.37	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.095	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.37	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND	0.26	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND	0.37	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.73	0.37	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.26	0.095	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.37	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.37	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND	0.37	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND	0.26	0.066	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	92			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	75			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	44			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	75			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	77			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	44			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	74			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	80			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	70			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.683	0.197	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.683	0.201	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.683	0.246	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.683	0.103	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	0.854	0.318	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	4.27	0.751	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND	4.27	0.616	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.683	0.184	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND	0.683	0.129	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND	0.683	0.155	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND	0.171	0.0572	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND	0.171	0.0512	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND	1.71	0.591	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND	0.341	0.0461	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND	0.171	0.0598	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND	0.171	0.0580	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND	1.71	0.602	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.171	0.0393	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.171	0.0470	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.171	0.0273	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.171	0.0435	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.171	0.0444	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.171	0.0538	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.171	0.0777	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.171	0.0341	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.171	0.00598	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.171	0.0393	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.683	0.140	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.171	0.0452	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.171	0.0120	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.171	0.0504	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.171	0.0239	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.171	0.0316	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.341	0.0717	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.171	0.0794	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.171	0.0461	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.171	0.0324	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND	0.341	0.0666	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND	0.341	0.0700	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND	0.341	0.101	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	96.9			%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	90.2			%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	73.0			%	1	10/10/25		20 - 130 %	C
% M3PFBS	96.6			%	1	10/10/25		40 - 135 %	C
% M3PFHxS	91.1			%	1	10/10/25		40 - 130 %	C
% M4PFHpA	90.9			%	1	10/10/25		40 - 130 %	C
% M5PFHxA	89.4			%	1	10/10/25		40 - 130 %	C
% M5PFPeA	92.2			%	1	10/10/25		35 - 130 %	C
% M6PFDA	91.6			%	1	10/10/25		40 - 130 %	C
% M7PFUdA	98.2			%	1	10/10/25		40 - 130 %	C
% M8FOSA	88.1			%	1	10/10/25		40 - 130 %	C
% M8PFOA	89.9			%	1	10/10/25		40 - 130 %	C
% M8PFOS	92.5			%	1	10/10/25		40 - 130 %	C
% M9PFNA	93.0			%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	98.5			%	1	10/10/25		8 - 130 %	C
% MPFDoA	82.3			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	78.2			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	81.1			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	80.0			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	84.2			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	58.1			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	66.8			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	98.3			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	89.9			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	9:30
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41613

Project ID: 22003-0092
Client ID: 2SB-08 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.40	0.40	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	86				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.00		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	286				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.58	0.291	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12000		41	8.2	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	4.1	4.1	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	5.00		0.82	0.82	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	104		0.8	0.41	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.61		0.33	0.16	mg/Kg	1	10/07/25	CPP	SW6010D	

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Phoenix I.D.: CU41613

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.55		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
calcium	17400		41	38	mg/Kg	10	10/06/25	CPP	SW6010D
chromium	28.9		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	10.6		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
copper	31.0		0.8	0.41	mg/kg	1	10/07/25	CPP	SW6010D
iron	25400		4.1	4.1	mg/Kg	1	10/07/25	CPP	SW6010D
lead	308		0.8	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5610		4.1	4.1	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	650	*	0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.40	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	23.2		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1720	N	82	32	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		1.6	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	268		8	3.5	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	22.5		0.41	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	129		0.8	0.41	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	98				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	90				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.076	0.076	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	56				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	54				%	2	10/15/25	SC	30 - 150 %
% TCMX	54				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	52				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B

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Project ID: 22003-0092
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0076	0.0076	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	61			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	66			%	2	10/15/25	AW	30 - 150 %
% TCMX	54			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	55			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0042	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.063	0.033	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.025	0.0042	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.021	0.0042	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.021	0.0042	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.042	0.0042	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0042	0.0021	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0042	0.0017	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.042	0.042	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0084	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.021	0.0042	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.042	0.017	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0042	0.00084	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0042	0.00042	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0042	0.0042	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	111			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	86			%	1	10/09/25	PS	70 - 130 %

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	107				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	98				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND		0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.61	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND		0.61	0.27	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.38	0.069	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.46	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND		0.61	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.38	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND		0.27	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND		0.61	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND		0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND		0.38	4.4	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	0.19	J	0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	0.17	J	0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	0.22	J	0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.76	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND		0.38	0.38	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.27	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.38	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND		0.27	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND		0.38	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	0.17	J	0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.76	0.38	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.27	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	0.44		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND		0.27	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.27	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.27	0.27	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.38	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.38	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND		0.38	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	0.41		0.27	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND		0.27	0.069	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	0.38		0.27	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	87				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	73				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	54				%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	74				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	74				%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	53				%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	73				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	77				%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	73				%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.629	0.182	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.629	0.185	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.629	0.226	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.629	0.0951	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.786	0.292	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		3.93	0.691	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		3.93	0.566	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.629	0.170	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.629	0.119	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.629	0.143	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.157	0.0526	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.157	0.0471	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.57	0.544	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.314	0.0424	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.157	0.0550	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.157	0.0534	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.57	0.554	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.157	0.0361	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.157	0.0432	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.157	0.0251	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.157	0.0401	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.157	0.0409	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.157	0.0495	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.157	0.0715	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.157	0.0314	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.157	0.00550	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.157	0.0361	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.629	0.129	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.157	0.0416	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.157	0.0110	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.0823	J	0.157	0.0464	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0447	J	0.157	0.0220	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.157	0.0291	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.314	0.0660	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.157	0.0731	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.157	0.0424	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.157	0.0298	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.314	0.0613	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.314	0.0644	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.314	0.0927	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	85.7				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	78.2				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	63.6				%	1	10/10/25		20 - 130 %	C
% M3PFBS	84.5				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	81.2				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	76.6				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	73.7				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	74.8				%	1	10/10/25		35 - 130 %	C
% M6PFDA	83.4				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	84.8				%	1	10/10/25		40 - 130 %	C
% M8FOSA	64.8				%	1	10/10/25		40 - 130 %	C
% M8PFOA	77.3				%	1	10/10/25		40 - 130 %	C
% M8PFOS	81.1				%	1	10/10/25		40 - 130 %	C
% M9PFNA	80.0				%	1	10/10/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-08 10-12

Phoenix I.D.: CU41613

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	98.5			%	1	10/10/25		8 - 130 %	C
% MPFDoA	73.2			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	69.0			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	71.7			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	57.4			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	56.4			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	40.2			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	48.0			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	86.3			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	73.5			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	8:10
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41614

Project ID: 22003-0092
Client ID: 2SB-09 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.49	0.49	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	76				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.36		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	284				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	1.01		0.66	0.329	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12500		39	7.7	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	5.72		0.77	0.77	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	189		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.56		0.31	0.15	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-09 SURF

Phoenix I.D.: CU41614

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.67		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
calcium	4160		3.9	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	20.0		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	9.30		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
copper	30.0		0.8	0.39	mg/kg	1	10/07/25	CPP	SW6010D
iron	21400		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
lead	933		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	4180		3.9	3.9	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	609	*	0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	0.76	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	22.9		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1300	N	77	30	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	1.5	J	1.5	1.3	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	52		8	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	33.3		0.39	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	234		0.8	0.39	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.16	0.16	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.16	0.16	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.32	0.32	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.6	1.6	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.16	0.16	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.16	0.16	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.32	0.32	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.32	0.32	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	102				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	97				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.086	0.086	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	31				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	30				%	2	10/15/25	SC	30 - 150 %
% TCMX	30				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	29				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0026	0.0026	mg/Kg	2	10/15/25	AW	SW8081B

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Ver 2

Project ID: 22003-0092
Client ID: 2SB-09 SURF

Phoenix I.D.: CU41614

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4,4' -DDE	ND	0.0026	0.0026	mg/Kg	2	10/15/25	AW	SW8081B	
4,4' -DDT	0.0073	0.0026	0.0026	mg/Kg	2	10/15/25	AW	SW8081B	
a-BHC	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
a-Chlordane	ND	0.0043	0.0043	mg/Kg	2	10/15/25	AW	SW8081B	
Alachlor	ND	0.0043	0.0043	mg/Kg	2	10/15/25	AW	SW8081B	
Aldrin	ND	0.0043	0.0043	mg/Kg	2	10/15/25	AW	SW8081B	
b-BHC	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Chlordane	ND	0.043	0.043	mg/Kg	2	10/15/25	AW	SW8081B	
d-BHC	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Dieldrin	ND	0.0043	0.0043	mg/Kg	2	10/15/25	AW	SW8081B	
Endosulfan I	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Endosulfan II	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Endosulfan sulfate	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Endrin	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Endrin aldehyde	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Endrin ketone	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
g-BHC	ND	0.0017	0.0017	mg/Kg	2	10/15/25	AW	SW8081B	
g-Chlordane	ND	0.0043	0.0043	mg/Kg	2	10/15/25	AW	SW8081B	
Heptachlor	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Heptachlor epoxide	ND	0.0086	0.0086	mg/Kg	2	10/15/25	AW	SW8081B	
Methoxychlor	ND	0.043	0.043	mg/Kg	2	10/15/25	AW	SW8081B	
Toxaphene	ND	0.17	0.17	mg/Kg	2	10/15/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	33			%	2	10/15/25	AW	30 - 150 %	
% DCBP (Confirmation)	30			%	2	10/15/25	AW	30 - 150 %	
% TCMX	37			%	2	10/15/25	AW	30 - 150 %	
% TCMX (Confirmation)	26			%	2	10/15/25	AW	30 - 150 %	3
VOCs, 8260 Soil									
1,1,1,2-tetrachloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,1,1-trichloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,1,2,2-tetrachloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,1,2-trichloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,1-dichloroethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,1-dichloroethylene	ND	0.0068	0.0015	mg/Kg	1	10/09/25	PS	SW8260D	
1,2,3-Trichlorobenzene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,2,3-Trichloropropane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,2,4-Trichlorobenzene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,2,4-Trimethylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,2-dibromoethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,2-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,2-dichloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,2-dichloropropane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D	
1,3,5-trimethylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,3-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,4-dichlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D	
1,4-dioxane	ND	0.1	0.054	mg/Kg	1	10/09/25	PS	SW8260D	
2-butanone (MEK)	ND	0.041	0.0068	mg/Kg	1	10/09/25	PS	SW8260D	

Project ID: 22003-0092
Client ID: 2SB-09 SURF

Phoenix I.D.: CU41614

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.068	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0068	0.0034	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0068	0.0027	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.068	0.068	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.014	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.034	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.068	0.027	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0068	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0068	0.00068	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0068	0.0068	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	85			%	1	10/09/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	107				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	96				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.086	0.086	mg/Kg	1	10/11/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.69	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.3	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.69	0.3	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.43	0.078	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.52	0.2	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.69	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.43	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.3	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.69	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	0.13	J	0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	0.18	J	0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.43	5	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.8		0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.81		0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	1.1		0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.56		0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.37		0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.87	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.43	0.43	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.3	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.43	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	0.75	0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.3	0.22	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.43	0.22	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.8	0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.22	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.87	0.43	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.3	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	1.7	0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.3	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.3	0.3	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.3	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.57	0.3	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.43	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.22	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.43	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.86	0.3	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.3	0.078	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	1.5	0.3	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	83			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	68			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	48			%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorophenol	68			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	73			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	43			%	1	10/11/25	MR	30 - 130 %	
% Phenol-d5	71			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	75			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	66			%	1	10/11/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.778	0.225	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.778	0.229	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.778	0.280	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.778	0.118	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.973	0.362	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	4.86	0.856	ug/kg	1	10/11/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.86	0.701	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.778	0.210	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.778	0.147	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.778	0.177	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.194	0.0652	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.194	0.0584	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.94	0.673	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.389	0.0525	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.194	0.0681	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.194	0.0662	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.94	0.686	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.194	0.0448	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.194	0.0535	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.194	0.0311	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.194	0.0496	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.374		0.194	0.0506	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.194	0.0613	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.186	J	0.194	0.0885	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.204		0.194	0.0389	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.194	0.00681	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.189	J	0.194	0.0448	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.512	J	0.778	0.160	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.194	0.0516	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.430		0.194	0.0136	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.54		0.194	0.0574	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.652		0.194	0.0272	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.194	0.0360	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.271	J	0.389	0.0817	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	0.111	J	0.194	0.0905	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.163	J	0.194	0.0525	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.421		0.194	0.0370	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.389	0.0759	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.389	0.0798	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.389	0.115	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	82.2				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	130.				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	78.6				%	1	10/11/25		20 - 130 %	C
% M3PFBS	77.9				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	79.9				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	77.7				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	75.4				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	77.6				%	1	10/11/25		35 - 130 %	C
% M6PFDA	80.9				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	86.6				%	1	10/11/25		40 - 130 %	C
% M8FOSA	83.7				%	1	10/11/25		40 - 130 %	C
% M8PFOA	77.4				%	1	10/11/25		40 - 130 %	C
% M8PFOS	87.1				%	1	10/11/25		40 - 130 %	C
% M9PFNA	81.8				%	1	10/11/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	99.8			%	1	10/11/25		8 - 130 %	C
% MPFDoA	86.1			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	108.			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	115.			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	65.7			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	56.4			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	51.3			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	61.3			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	84.0			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	74.0			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	8:45
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41615

Project ID: 22003-0092
Client ID: 2SB-09 10-12.5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed						10/14/25			
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/13/25	C/Z	SW3546	
Soil Extraction for Pesticides	Completed						10/13/25	C/Z	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.38	0.38	mg/Kg	1	10/06/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	GW/GW	SW7471B	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.84		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	280				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	14600		33	6.6	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	3.3	3.3	mg/Kg	1	10/06/25	CPP	SW6010D	
arsenic	5.32		0.66	0.66	mg/Kg	1	10/06/25	CPP	SW6010D	
barium	55.8		0.7	0.33	mg/Kg	1	10/06/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-09 10-12.5

Phoenix I.D.: CU41615

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
beryllium	0.79		0.26	0.13	mg/Kg	1	10/06/25	CPP	SW6010D
cadmium	0.60		0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
calcium	2080		3.3	3.0	mg/Kg	1	10/06/25	CPP	SW6010D
chromium	21.3		0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
cobalt	13.4		0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
copper	41.3		0.7	0.33	mg/kg	1	10/06/25	CPP	SW6010D
iron	33000		3.3	3.3	mg/Kg	1	10/06/25	CPP	SW6010D
lead	18.3		0.7	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
magnesium	5500		3.3	3.3	mg/Kg	1	10/06/25	CPP	SW6010D
manganese	852	*	0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
mercury	0.04		0.03	0.02	mg/Kg	2	10/08/25	AJ1	SW7471B
nickel	30.5		0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
potassium	1630	N	66	26	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		1.3	1.1	mg/Kg	1	10/06/25	CPP	SW6010D
silver	ND		0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
sodium	118		7	2.8	mg/Kg	1	10/06/25	CPP	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/06/25	CPP	SW6010D
vanadium	23.4		0.33	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
zinc	105		0.7	0.33	mg/Kg	1	10/06/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	95				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	93				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	62				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	60				%	2	10/15/25	SC	30 - 150 %
% TCMX	59				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	56				%	2	10/15/25	SC	30 - 150 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pesticides - Soil								
4,4' -DDD	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDE	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	54			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	54			%	2	10/15/25	AW	30 - 150 %
% TCMX	51			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	57			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0046	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D

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1,4-dichlorobenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.068	0.036	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.027	0.0046	mg/Kg	1	10/09/25	PS	SW8260D
2-hexanone	ND	0.023	0.0046	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.023	0.0046	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.046	0.0046	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0046	0.0023	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0046	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.046	0.046	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0091	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.023	0.0046	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.046	0.018	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0046	0.00091	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0046	0.00046	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0046	0.0046	mg/Kg	1	10/09/25	PS	SW8260D

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QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104			%	1	10/09/25	PS	70 - 130 %	
% Bromofluorobenzene	98			%	1	10/09/25	PS	70 - 130 %	
% Dibromofluoromethane	103			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	101			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND	0.072	0.072	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.099	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.064	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND	0.36	4.1	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	

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Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.092	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.092	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	44			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	71			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	76			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	45			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	73			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	79			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	65			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.608	0.175	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.608	0.178	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.608	0.219	ug/kg	1	10/11/25		EPA 1633A	C

Ver 2

Project ID: 22003-0092
Client ID: 2SB-09 10-12.5

Phoenix I.D.: CU41615

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.608	0.0919	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.760	0.282	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	3.80	0.668	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND	3.80	0.548	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.608	0.164	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND	0.608	0.115	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND	0.608	0.138	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND	0.152	0.0509	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND	0.152	0.0456	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND	1.52	0.526	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND	0.304	0.0410	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND	0.152	0.0532	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND	0.152	0.0516	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND	1.52	0.536	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.152	0.0349	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.152	0.0418	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.152	0.0243	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.152	0.0387	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.152	0.0395	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.152	0.0478	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.152	0.0691	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.152	0.0304	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.152	0.00532	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.152	0.0349	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.608	0.124	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.152	0.0403	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.152	0.0106	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.152	0.0448	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.152	0.0213	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.152	0.0281	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.304	0.0638	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.152	0.0706	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.152	0.0410	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.152	0.0289	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND	0.304	0.0592	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND	0.304	0.0623	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND	0.304	0.0896	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	82.0			%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	71.4			%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	63.1			%	1	10/11/25		20 - 130 %	C
% M3PFBS	75.7			%	1	10/11/25		40 - 135 %	C
% M3PFHxS	74.9			%	1	10/11/25		40 - 130 %	C
% M4PFHpA	76.8			%	1	10/11/25		40 - 130 %	C
% M5PFHxA	75.7			%	1	10/11/25		40 - 130 %	C
% M5PFPeA	77.5			%	1	10/11/25		35 - 130 %	C
% M6PFDA	77.4			%	1	10/11/25		40 - 130 %	C
% M7PFUdA	79.0			%	1	10/11/25		40 - 130 %	C
% M8FOSA	71.7			%	1	10/11/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	76.2			%	1	10/11/25		40 - 130 %	C
% M8PFOS	77.9			%	1	10/11/25		40 - 130 %	C
% M9PFNA	76.6			%	1	10/11/25		40 - 130 %	C
% MPFBA	99.6			%	1	10/11/25		8 - 130 %	C
% MPFDoA	69.4			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	54.4			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	61.2			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	69.1			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	71.8			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	52.2			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	59.0			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	91.0			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	76.2			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	8:55
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41616

Project ID: 22003-0092
Client ID: 2SB-09 12.5-15

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.43	0.43	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	89				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.33		1.00	1.00	pH Units	1	10/03/25 23:16	KG	SW846 9045D	
Redox Potential	305				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.56	0.281	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12700		36	7.1	mg/Kg	10	10/06/25	CPP	SW6010D	
antimony	ND	N	3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D	
arsenic	4.59		0.71	0.71	mg/Kg	1	10/07/25	CPP	SW6010D	
barium	44.7		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D	
beryllium	0.73		0.28	0.14	mg/Kg	1	10/07/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-09 12.5-15

Phoenix I.D.: CU41616

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.49		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
calcium	1910		3.6	3.3	mg/Kg	1	10/07/25	CPP	SW6010D
chromium	18.1		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
cobalt	11.9		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
copper	36.3		0.7	0.36	mg/kg	1	10/07/25	CPP	SW6010D
iron	30300		3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
lead	14.5		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
magnesium	5340		3.6	3.6	mg/Kg	1	10/07/25	CPP	SW6010D
manganese	534	*	0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
mercury	ND	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	26.1		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
potassium	1450	N	71	28	mg/Kg	10	10/06/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/07/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
sodium	138		7	3.1	mg/Kg	1	10/07/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/07/25	CPP	SW6010D
vanadium	22.1		0.36	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
zinc	99.6		0.7	0.36	mg/Kg	1	10/07/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	90				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	89				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	40				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	35				%	2	10/15/25	SC	30 - 150 %
% TCMX	59				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	58				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

Project ID: 22003-0092
Client ID: 2SB-09 12.5-15

Phoenix I.D.: CU41616

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	43			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	44			%	2	10/15/25	AW	30 - 150 %
% TCMX	52			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	61			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0053	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.08	0.043	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.032	0.0053	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.027	0.0053	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.027	0.0053	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.053	0.0053	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0053	0.0027	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0053	0.0021	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.053	0.053	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.027	0.0053	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.053	0.021	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0053	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0053	0.00053	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0053	0.0053	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	99			%	1	10/09/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	103			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.37	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.6	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND	0.6	0.26	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.37	0.067	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND	0.6	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.37	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND	0.6	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND	1.1	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND	0.37	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND	0.37	4.3	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.74	0.15	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND	0.37	0.37	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.096	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.37	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND	0.26	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND	0.37	0.19	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.74	0.37	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.26	0.096	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND	0.26	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.37	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.37	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND	0.37	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND	0.26	0.067	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	89			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	39			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	73			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	74			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	41			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	73			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	79			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	66			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.665	0.192	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.665	0.195	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.665	0.239	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.665	0.100	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.831	0.309	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	4.16	0.732	ug/kg	1	10/11/25		EPA 1633A	C

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND	4.16	0.599	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.665	0.180	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND	0.665	0.126	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND	0.665	0.151	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND	0.166	0.0557	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND	0.166	0.0499	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND	1.66	0.575	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND	0.332	0.0449	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND	0.166	0.0582	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND	0.166	0.0565	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND	1.66	0.586	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.166	0.0382	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.166	0.0457	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.166	0.0266	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.166	0.0424	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.166	0.0432	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.166	0.0524	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.166	0.0756	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.166	0.0332	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.166	0.00582	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.166	0.0382	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.665	0.136	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.166	0.0441	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.166	0.0116	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.166	0.0490	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.166	0.0233	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.166	0.0308	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.332	0.0698	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.166	0.0773	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.166	0.0449	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.166	0.0316	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND	0.332	0.0648	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND	0.332	0.0682	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND	0.332	0.0981	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	97.6			%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	83.2			%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	72.3			%	1	10/11/25		20 - 130 %	C
% M3PFBS	91.9			%	1	10/11/25		40 - 135 %	C
% M3PFHxS	89.9			%	1	10/11/25		40 - 130 %	C
% M4PFHpA	91.3			%	1	10/11/25		40 - 130 %	C
% M5PFHxA	89.7			%	1	10/11/25		40 - 130 %	C
% M5PFPeA	94.1			%	1	10/11/25		35 - 130 %	C
% M6PFDA	91.5			%	1	10/11/25		40 - 130 %	C
% M7PFUdA	94.4			%	1	10/11/25		40 - 130 %	C
% M8FOSA	79.9			%	1	10/11/25		40 - 130 %	C
% M8PFOA	89.9			%	1	10/11/25		40 - 130 %	C
% M8PFOS	89.1			%	1	10/11/25		40 - 130 %	C
% M9PFNA	91.5			%	1	10/11/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	99.4			%	1	10/11/25		8 - 130 %	C
% MPFDoA	79.8			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	75.1			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	80.6			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	70.8			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	73.6			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	46.1			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	54.4			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	98.0			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	96.3			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	10:20
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41617

Project ID: 22003-0092
Client ID: 2SB-10 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.40	0.40	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	88				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.21		1.00	1.00	pH Units	1	10/03/25 23:17	KG	SW846 9045D	
Redox Potential	295				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.57	0.284	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	14400		38	7.6	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.8	3.8	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	9.01		0.76	0.76	mg/Kg	1	10/08/25	TH	SW6010D	
barium	595	*	0.8	0.38	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.58		0.30	0.15	mg/Kg	1	10/08/25	TH	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-10 SURF

Phoenix I.D.: CU41617

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	1.17		0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
calcium	21200		38	35	mg/Kg	10	10/08/25	TH	SW6010D
chromium	20.5		0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	9.23		0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
copper	43.1		0.8	0.38	mg/kg	1	10/08/25	TH	SW6010D
iron	24100		3.8	3.8	mg/Kg	1	10/08/25	TH	SW6010D
lead	3170	*	0.8	0.38	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	6070		3.8	3.8	mg/Kg	1	10/08/25	TH	SW6010D
manganese	567	N	0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
mercury	1.23	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	20.2		0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1520	N	76	30	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.5	1.3	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
sodium	176		8	3.3	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	24.3		0.38	0.38	mg/Kg	1	10/08/25	TH	SW6010D
zinc	529	N	7.6	3.8	mg/Kg	10	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	103				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	94				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.075	0.075	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	57				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	47				%	2	10/15/25	SC	30 - 150 %
% TCMX	61				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	53				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	0.028		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

Project ID: 22003-0092
Client ID: 2SB-10 SURF

Phoenix I.D.: CU41617

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	0.033	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	0.029	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	0.011	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.02	0.02	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	0.07	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	0.026	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.075	0.075	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	0.015	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.02	0.02	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0075	0.0075	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	50			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	54			%	2	10/15/25	AW	30 - 150 %
% TCMX	45			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0061	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.091	0.049	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.036	0.0061	mg/Kg	1	10/09/25	PS	SW8260D

Ver 2

Project ID: 22003-0092
Client ID: 2SB-10 SURF

Phoenix I.D.: CU41617

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.03	0.0061	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.03	0.0061	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.061	0.0061	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0061	0.003	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0061	0.0024	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.061	0.061	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.03	0.0061	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.061	0.024	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0061	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0061	0.00061	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0061	0.0061	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	93			%	1	10/09/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: 2SB-10 SURF

Phoenix I.D.: CU41617

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	109				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.37	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.075	0.075	mg/Kg	1	10/11/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.6	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.26	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	0.12	J	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.6	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.37	0.067	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.45	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.6	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.37	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.26	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.6	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	0.18	J	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	0.45		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.37	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	0.66		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.37	4.3	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	2.9		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	3		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	4.3		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	1.9		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	1.3		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.75	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.37	0.37	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.26	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.37	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	0.17	J	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.26	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	0.54		0.37	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	3		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	0.44		0.19	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	0.28		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.75	0.37	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.26	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	7.1		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	0.32		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.26	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.26	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	2.1		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	0.19	J	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.37	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.37	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.37	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	5.8		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.26	0.067	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	5.9		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	84				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	70				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	47				%	1	10/11/25	MR	30 - 130 %	
% 2-Fluorophenol	71				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	75				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	44				%	1	10/11/25	MR	30 - 130 %	
% Phenol-d5	72				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	67				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	64				%	1	10/11/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.789	0.228	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.789	0.232	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.789	0.284	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.789	0.119	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.986	0.367	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		4.93	0.868	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.93	0.711	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.789	0.213	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.789	0.149	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.789	0.179	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.197	0.0661	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.197	0.0592	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.97	0.682	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.394	0.0532	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.197	0.0690	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.197	0.0670	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.97	0.695	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.197	0.0454	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.197	0.0542	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.197	0.0316	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.197	0.0503	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.197	0.0513	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.197	0.0621	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.197	0.0897	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.105	J	0.197	0.0394	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.197	0.00690	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.110	J	0.197	0.0454	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.789	0.162	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.197	0.0522	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.109	J	0.197	0.0138	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.14		0.197	0.0582	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.680		0.197	0.0276	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0365	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.125	J	0.394	0.0828	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.197	0.0917	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.197	0.0532	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.197	0.0375	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.394	0.0769	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.394	0.0808	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.394	0.116	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	93.2				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	105.				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	86.5				%	1	10/10/25		20 - 130 %	C
% M3PFBS	102.				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	93.4				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	89.8				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	88.2				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	89.3				%	1	10/10/25		35 - 130 %	C
% M6PFDA	96.5				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	93.0				%	1	10/10/25		40 - 130 %	C
% M8FOSA	85.3				%	1	10/10/25		40 - 130 %	C
% M8PFOA	94.2				%	1	10/10/25		40 - 130 %	C
% M8PFOS	97.0				%	1	10/10/25		40 - 130 %	C
% M9PFNA	91.8				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	84.9			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	118.			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	122.			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	65.6			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	63.4			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	63.3			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	66.4			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	102.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	91.2			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	11:15
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41618

Project ID: 22003-0092
Client ID: 2SB-10 5-7

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.40	0.40	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.34		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	288				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	15300		36	7.1	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	4.95		0.71	0.71	mg/Kg	1	10/08/25	TH	SW6010D	
barium	57.4	*	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.80		0.29	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

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Phoenix I.D.: CU41618

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.59		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
calcium	2360		3.6	3.3	mg/Kg	1	10/08/25	TH	SW6010D
chromium	20.0		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	12.6		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
copper	38.8		0.7	0.36	mg/kg	1	10/08/25	TH	SW6010D
iron	34700		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D
lead	33.0	*	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	5920		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D
manganese	805	N	0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.02	J, N,	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	28.3		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1700	N	71	28	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
sodium	339		7	3.1	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	22.0		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
zinc	105	N	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	92				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	88				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	65				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	59				%	2	10/15/25	SC	30 - 150 %
% TCMX	72				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	71				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.005	0.005	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	57			%	2	10/15/25	AW	30 - 150 %
% TCMX	54			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	58			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0051	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.077	0.041	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.031	0.0051	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.026	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.026	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.051	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0051	0.0026	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0051	0.002	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.051	0.051	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.01	0.001	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.026	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.051	0.02	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0051	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	96			%	1	10/09/25	PS	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	109			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	101			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
1,4-dioxane	ND	0.072	0.072	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/14/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.064	mg/Kg	1	10/14/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/14/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/14/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/14/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.092	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.099	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/14/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/14/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/14/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.092	mg/Kg	1	10/14/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/14/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/14/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/14/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/14/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/14/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/14/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	75			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	51			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	74			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	77			%	1	10/14/25	PS	30 - 130 %	
% Nitrobenzene-d5	48			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	75			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	81			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	73			%	1	10/10/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.829	0.239	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.829	0.244	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.829	0.298	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.829	0.125	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	1.04	0.386	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	5.18	0.912	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		5.18	0.747	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.829	0.224	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.829	0.156	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.829	0.189	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.207	0.0694	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.207	0.0622	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		2.07	0.717	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.414	0.0560	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.207	0.0725	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.207	0.0705	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		2.07	0.731	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.207	0.0477	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.207	0.0570	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.207	0.0332	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.207	0.0528	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.207	0.0539	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.207	0.0653	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.207	0.0943	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.207	0.0414	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.207	0.00725	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.207	0.0477	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.829	0.170	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.207	0.0549	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.207	0.0145	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.0708	J	0.207	0.0611	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0372	J	0.207	0.0290	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.207	0.0383	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.414	0.0870	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.207	0.0964	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.207	0.0560	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.207	0.0394	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.414	0.0808	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.414	0.0850	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.414	0.122	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	90.4				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	84.0				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	70.7				%	1	10/10/25		20 - 130 %	C
% M3PFBS	89.2				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	85.2				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	86.6				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	84.6				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	87.7				%	1	10/10/25		35 - 130 %	C
% M6PFDA	84.2				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	87.6				%	1	10/10/25		40 - 130 %	C
% M8FOSA	78.0				%	1	10/10/25		40 - 130 %	C
% M8PFOA	87.6				%	1	10/10/25		40 - 130 %	C
% M8PFOS	85.5				%	1	10/10/25		40 - 130 %	C
% M9PFNA	83.7				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	68.9			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	70.4			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	69.8			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	57.9			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	59.3			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	51.4			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	58.6			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	101.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	86.9			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	11:20
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41619

Project ID: 22003-0092
Client ID: 2SB-10 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.40	0.40	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	95				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.68		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	195				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.53	0.263	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12300		36	7.1	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	6.77		0.71	0.71	mg/Kg	1	10/08/25	TH	SW6010D	
barium	46.5	*	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.58		0.28	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	1.25		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
calcium	52300		36	33	mg/Kg	10	10/08/25	TH	SW6010D
chromium	15.9		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	12.4		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
copper	56.9		0.7	0.36	mg/kg	1	10/08/25	TH	SW6010D
iron	29200		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D
lead	33.6	*	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	8650		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D
manganese	965	N	0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.03	J, N,	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	41.4		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1540	N	71	28	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
sodium	193		7	3.1	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	22.7		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
zinc	470	N	7.1	3.6	mg/Kg	10	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	91				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	89				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	68				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	63				%	2	10/16/25	SC	30 - 150 %
% TCMX	65				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	62				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.007	0.007	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	57			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	58			%	2	10/15/25	AW	30 - 150 %
% TCMX	55			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	63			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0047	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.071	0.038	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.028	0.0047	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.024	0.0047	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.024	0.0047	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.047	0.0047	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0047	0.0024	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0047	0.0019	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.047	0.047	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0095	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.024	0.0047	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.047	0.019	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0047	0.00095	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0047	0.00047	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0047	0.0047	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	112			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	89			%	1	10/09/25	PS	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	108			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	98			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.069	0.069	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.097	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.56	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.56	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.42	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.56	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.56	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.35	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.7	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.35	0.095	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.35	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.7	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.35	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.35	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	81			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	68			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	50			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	69			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	70			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	52			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	69			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	75			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	70			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.625	0.180	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.625	0.184	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.625	0.225	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.625	0.0945	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	0.781	0.290	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	3.90	0.687	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND	3.90	0.563	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.625	0.169	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND	0.625	0.118	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND	0.625	0.142	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND	0.156	0.0523	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND	0.156	0.0469	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND	1.56	0.540	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND	0.312	0.0422	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND	0.156	0.0547	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND	0.156	0.0531	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND	1.56	0.551	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.156	0.0359	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.156	0.0430	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.156	0.0250	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.156	0.0398	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.156	0.0406	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.156	0.0492	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.156	0.0711	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.156	0.0312	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.156	0.00547	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.156	0.0359	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.625	0.128	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.156	0.0414	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.156	0.0109	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.156	0.0461	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.156	0.0219	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.156	0.0289	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.312	0.0656	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.156	0.0726	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.156	0.0422	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.156	0.0297	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND	0.312	0.0609	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND	0.312	0.0640	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND	0.312	0.0922	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	83.1			%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	77.6			%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	69.3			%	1	10/10/25		20 - 130 %	C
% M3PFBS	84.6			%	1	10/10/25		40 - 135 %	C
% M3PFHxS	78.8			%	1	10/10/25		40 - 130 %	C
% M4PFHpA	77.6			%	1	10/10/25		40 - 130 %	C
% M5PFHxA	75.5			%	1	10/10/25		40 - 130 %	C
% M5PFPeA	77.8			%	1	10/10/25		35 - 130 %	C
% M6PFDA	81.9			%	1	10/10/25		40 - 130 %	C
% M7PFUdA	90.5			%	1	10/10/25		40 - 130 %	C
% M8FOSA	75.1			%	1	10/10/25		40 - 130 %	C
% M8PFOA	78.1			%	1	10/10/25		40 - 130 %	C
% M8PFOS	82.7			%	1	10/10/25		40 - 130 %	C
% M9PFNA	77.3			%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	71.1			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	63.9			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	68.5			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	64.3			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	65.6			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	57.9			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	64.4			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	87.8			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	79.0			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	11:15
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41620

Project ID: 22003-0092
Client ID: 2SB-11 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.47	0.47	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	81				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.64		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	227				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.62	0.309	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	14100		41	8.1	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		4.1	4.1	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	8.56		0.81	0.81	mg/Kg	1	10/08/25	TH	SW6010D	
barium	179	*	0.8	0.41	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.73		0.32	0.16	mg/Kg	1	10/08/25	TH	SW6010D	

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Client ID: 2SB-11 SURF

Phoenix I.D.: CU41620

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.71		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
calcium	5040		4.1	3.7	mg/Kg	1	10/08/25	TH	SW6010D
chromium	20.4		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	10.0		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
copper	51.2		0.8	0.41	mg/kg	1	10/08/25	TH	SW6010D
iron	25200		4.1	4.1	mg/Kg	1	10/08/25	TH	SW6010D
lead	899	*	0.8	0.41	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	4530		4.1	4.1	mg/Kg	1	10/08/25	TH	SW6010D
manganese	591	N	0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
mercury	2.03	N, *	0.08	0.05	mg/Kg	5	10/09/25	ZT	SW7471B
nickel	23.7		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1790	N	81	32	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.6	1.4	mg/Kg	1	10/08/25	TH	SW6010D
silver	0.51		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
sodium	75		8	3.5	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	30.1		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
zinc	256	N	0.8	0.41	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.31	0.31	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.31	0.31	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.31	0.31	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	107				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	102				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.081	0.081	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	57				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	49				%	2	10/15/25	SC	30 - 150 %
% TCMX	67				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	66				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0024	0.0024	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	0.0049	0.0024	0.0024	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	0.0065	0.0024	0.0024	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.008	0.008	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.04	0.04	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0016	0.0016	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.008	0.008	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0081	0.0081	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.04	0.04	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.16	0.16	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	65			%	2	10/15/25	AW	30 - 150 %
% TCMX	66			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	67			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0074	0.0016	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.11	0.059	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.044	0.0074	mg/Kg	1	10/09/25	PS	SW8260D

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Phoenix I.D.: CU41620

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.037	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.037	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.074	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0074	0.0037	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0074	0.003	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.074	0.074	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.015	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.037	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.074	0.03	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0074	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	86			%	1	10/09/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: 2SB-11 SURF

Phoenix I.D.: CU41620

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	108				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	98				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.28	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.4	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.081	0.081	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.28	0.11	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.65	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.28	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.28	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.65	0.28	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.4	0.073	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.48	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.65	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.2	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.4	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.28	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.65	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.2	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.28	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.4	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.4	4.7	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.3		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.31		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	0.45		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.23	J	0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.14	J	0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.81	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.4	0.4	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.28	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.28	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.4	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.28	0.2	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.4	0.2	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.32		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.2	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.81	0.4	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.28	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.62		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.28	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.28	0.28	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.23	J	0.28	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.28	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.4	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.2	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.4	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.4	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.3		0.28	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.28	0.073	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.55		0.28	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	76				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	66				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	46				%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	66				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	68				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	41				%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	66				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	70				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	61				%	1	10/10/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.797	0.230	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.797	0.234	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.797	0.287	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.797	0.120	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.996	0.370	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		4.98	0.876	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.98	0.718	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.797	0.215	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.797	0.150	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.797	0.181	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.199	0.0667	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.199	0.0598	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.99	0.689	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.398	0.0538	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.199	0.0697	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.199	0.0677	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.99	0.702	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.199	0.0458	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.199	0.0548	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.199	0.0319	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.199	0.0508	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.290		0.199	0.0518	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.199	0.0627	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.148	J	0.199	0.0906	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.189	J	0.199	0.0398	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.199	0.00697	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.174	J	0.199	0.0458	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.454	J	0.797	0.163	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.199	0.0528	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.334		0.199	0.0139	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.20		0.199	0.0588	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.708		0.199	0.0279	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.199	0.0368	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.243	J	0.398	0.0837	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.199	0.0926	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.136	J	0.199	0.0538	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.327		0.199	0.0378	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.398	0.0777	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.398	0.0817	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.398	0.118	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	79.7				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	95.5				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	84.4				%	1	10/10/25		20 - 130 %	C
% M3PFBS	89.3				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	77.3				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	75.9				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	74.7				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	75.4				%	1	10/10/25		35 - 130 %	C
% M6PFDA	79.1				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	81.3				%	1	10/10/25		40 - 130 %	C
% M8FOSA	81.6				%	1	10/10/25		40 - 130 %	C
% M8PFOA	79.1				%	1	10/10/25		40 - 130 %	C
% M8PFOS	86.2				%	1	10/10/25		40 - 130 %	C
% M9PFNA	76.6				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	73.7			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	98.0			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	108.			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	63.8			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	50.3			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	54.2			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	60.3			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	81.9			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	74.0			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	14:05
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41621

Project ID: 22003-0092
Client ID: 2SB-11 0-5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/08/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.41	0.41	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	88				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.11		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	250				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	S/A	SW3546	
Total Cyanide	ND		0.57	0.284	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	15700		41	8.1	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		4.1	4.1	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	7.40		0.81	0.81	mg/Kg	1	10/08/25	TH	SW6010D	
barium	156	*	0.8	0.41	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.66		0.32	0.16	mg/Kg	1	10/08/25	TH	SW6010D	

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Client ID: 2SB-11 0-5

Phoenix I.D.: CU41621

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.44		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
calcium	2120		4.1	3.7	mg/Kg	1	10/08/25	TH	SW6010D
chromium	20.1		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	11.0		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
copper	49.3		0.8	0.41	mg/kg	1	10/08/25	TH	SW6010D
iron	27600		4.1	4.1	mg/Kg	1	10/08/25	TH	SW6010D
lead	558	*	0.8	0.41	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	4790		4.1	4.1	mg/Kg	1	10/08/25	TH	SW6010D
manganese	693	N	0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
mercury	2.69	N, *	0.07	0.04	mg/Kg	5	10/09/25	ZT	SW7471B
nickel	23.0		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1610	N	81	32	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.6	1.4	mg/Kg	1	10/08/25	TH	SW6010D
silver	0.48		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
sodium	76		8	3.5	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.6	1.6	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	23.1		0.41	0.41	mg/Kg	1	10/08/25	TH	SW6010D
zinc	124	N	0.8	0.41	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	90				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	92				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.074	0.074	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	64				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	59				%	2	10/15/25	SC	30 - 150 %
% TCMX	71				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	70				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

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Project ID: 22003-0092
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.003	0.003	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0074	0.0074	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	59			%	2	10/15/25	AW	30 - 150 %
% TCMX	58			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	60			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0049	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.074	0.04	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.03	0.0049	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.025	0.0049	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.025	0.0049	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.049	0.0049	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0049	0.0025	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0049	0.002	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.049	0.049	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0099	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.025	0.0049	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.049	0.02	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0049	0.00099	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0049	0.00049	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0049	0.0049	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	89			%	1	10/09/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	109			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.38	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.075	0.075	mg/Kg	1	10/10/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.6	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.6	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.38	0.068	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.45	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.6	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.38	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.6	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1.1	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.38	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.38	4.4	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.75	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.26	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.19	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.75	0.38	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.26	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.26	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.38	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.26	0.068	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	85			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	53			%	1	10/10/25	MR	30 - 130 %	
% 2-Fluorophenol	72			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	75			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	54			%	1	10/10/25	MR	30 - 130 %	
% Phenol-d5	72			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	78			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	72			%	1	10/10/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.733	0.212	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.733	0.215	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.733	0.264	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.733	0.111	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	0.917	0.341	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	4.58	0.807	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.58	0.661	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.733	0.198	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.733	0.138	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.733	0.167	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.183	0.0614	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.183	0.0550	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.83	0.634	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.367	0.0495	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.183	0.0642	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.183	0.0623	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.83	0.646	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.183	0.0422	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.183	0.0504	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.183	0.0293	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.183	0.0468	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.183	0.0477	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.183	0.0578	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.183	0.0834	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.183	0.0367	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	0.0107	J	0.183	0.00642	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.183	0.0422	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.733	0.150	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.183	0.0486	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.183	0.0128	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.0962	J	0.183	0.0541	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0833	J	0.183	0.0257	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.183	0.0339	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.367	0.0770	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.183	0.0853	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.183	0.0495	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.183	0.0348	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.367	0.0715	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.367	0.0752	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.367	0.108	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	92.0				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	82.0				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	78.5				%	1	10/10/25		20 - 130 %	C
% M3PFBS	97.6				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	86.3				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	81.0				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	78.7				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	78.3				%	1	10/10/25		35 - 130 %	C
% M6PFDA	87.3				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	93.3				%	1	10/10/25		40 - 130 %	C
% M8FOSA	74.0				%	1	10/10/25		40 - 130 %	C
% M8PFOA	82.9				%	1	10/10/25		40 - 130 %	C
% M8PFOS	88.3				%	1	10/10/25		40 - 130 %	C
% M9PFNA	82.4				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	99.9			%	1	10/10/25		8 - 130 %	C
% MPFDoA	77.0			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	72.7			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	73.0			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	60.2			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	61.0			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	54.3			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	62.5			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	100.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	81.5			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	13:55
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41622

Project ID: 22003-0092
Client ID: 2SB-11 13-15

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/08/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.42	0.42	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.29		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	245				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12800		32	6.4	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.2	3.2	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	4.54		0.64	0.64	mg/Kg	1	10/08/25	TH	SW6010D	
barium	49.8	*	0.6	0.32	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.68		0.26	0.13	mg/Kg	1	10/08/25	TH	SW6010D	

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Phoenix I.D.: CU41622

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.48		0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
calcium	24800		32	29	mg/Kg	10	10/08/25	TH	SW6010D
chromium	16.6		0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	11.0		0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
copper	35.9		0.6	0.32	mg/kg	1	10/08/25	TH	SW6010D
iron	29200		3.2	3.2	mg/Kg	1	10/08/25	TH	SW6010D
lead	11.0	*	0.6	0.32	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	7530		3.2	3.2	mg/Kg	1	10/08/25	TH	SW6010D
manganese	482	N	0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.02	J, N,	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	24.2		0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1510	N	64	25	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.3	1.1	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
sodium	149		6	2.7	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	19.3		0.32	0.32	mg/Kg	1	10/08/25	TH	SW6010D
zinc	85.3	N	0.6	0.32	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/09/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/09/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/09/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	85				%	10	10/09/25	JRB	30 - 150 %
% DCAA (Confirmation)	83				%	10	10/09/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	52				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	47				%	2	10/15/25	SC	30 - 150 %
% TCMX	58				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	56				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	49			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	57			%	2	10/15/25	AW	30 - 150 %
% TCMX	56			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	58			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0048	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.073	0.039	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.029	0.0048	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.024	0.0048	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.024	0.0048	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.048	0.0048	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0048	0.0024	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0048	0.0019	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.048	0.048	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0097	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.024	0.0048	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.048	0.019	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0048	0.00097	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0048	0.00048	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0048	0.0048	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	96			%	1	10/09/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	108			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	100			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.086	0.086	mg/Kg	1	10/13/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.58	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.26	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.58	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.066	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.44	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.58	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1.1	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.26	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.58	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1.1	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.73	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.26	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.26	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.73	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.26	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.26	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	73			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	58			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	10/13/25	PS	30 - 130 %	
% 2-Fluorophenol	57			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	62			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	71			%	1	10/13/25	PS	30 - 130 %	
% Phenol-d5	58			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	64			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	86			%	1	10/13/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.606	0.175	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.606	0.178	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.606	0.218	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.606	0.0917	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	0.758	0.282	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	3.79	0.667	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND	3.79	0.546	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.606	0.164	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND	0.606	0.114	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND	0.606	0.138	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND	0.152	0.0508	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND	0.152	0.0455	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND	1.52	0.524	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND	0.303	0.0409	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND	0.152	0.0530	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND	0.152	0.0515	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND	1.52	0.534	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.152	0.0348	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.152	0.0417	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.152	0.0242	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.152	0.0386	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.152	0.0394	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.152	0.0477	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.152	0.0690	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.152	0.0303	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.152	0.00530	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.152	0.0348	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.606	0.124	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.152	0.0402	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.152	0.0106	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.152	0.0447	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.152	0.0212	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.152	0.0280	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.303	0.0636	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.152	0.0705	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.152	0.0409	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.152	0.0288	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND	0.303	0.0591	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND	0.303	0.0621	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND	0.303	0.0894	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	105.			%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	95.6			%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	83.6			%	1	10/10/25		20 - 130 %	C
% M3PFBS	99.4			%	1	10/10/25		40 - 135 %	C
% M3PFHxS	96.1			%	1	10/10/25		40 - 130 %	C
% M4PFHpA	97.5			%	1	10/10/25		40 - 130 %	C
% M5PFHxA	94.8			%	1	10/10/25		40 - 130 %	C
% M5PFPeA	96.4			%	1	10/10/25		35 - 130 %	C
% M6PFDA	99.6			%	1	10/10/25		40 - 130 %	C
% M7PFUdA	105.			%	1	10/10/25		40 - 130 %	C
% M8FOSA	94.3			%	1	10/10/25		40 - 130 %	C
% M8PFOA	98.9			%	1	10/10/25		40 - 130 %	C
% M8PFOS	104.			%	1	10/10/25		40 - 130 %	C
% M9PFNA	95.9			%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	81.2			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	92.6			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	90.6			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	78.3			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	80.6			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	61.5			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	69.7			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	110.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	101.			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	11:00
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41623

Project ID: 22003-0092
Client ID: 2SB-12 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		1.3	1.3	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	74				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.61		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	253				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.68	0.338	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12700		45	9.0	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		4.5	4.5	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	7.38		0.90	0.90	mg/Kg	1	10/08/25	TH	SW6010D	
barium	226	*	0.9	0.45	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.61		0.36	0.18	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.72		0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
calcium	7100		4.5	4.1	mg/Kg	1	10/08/25	TH	SW6010D
chromium	18.8		0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	10.2		0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
copper	51.2		0.9	0.45	mg/kg	1	10/08/25	TH	SW6010D
iron	22900		4.5	4.5	mg/Kg	1	10/08/25	TH	SW6010D
lead	940	*	0.9	0.45	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	4340		4.5	4.5	mg/Kg	1	10/08/25	TH	SW6010D
manganese	663	N	0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
mercury	3.42	N, *	0.17	0.10	mg/Kg	10	10/09/25	ZT	SW7471B
nickel	23.2		0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1750	N	90	35	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.8	1.5	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
sodium	88		9	3.9	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.8	1.8	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	29.7		0.45	0.45	mg/Kg	1	10/08/25	TH	SW6010D
zinc	319	N	0.9	0.45	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.17	0.17	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.17	0.17	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.34	0.34	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.7	1.7	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.17	0.17	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.17	0.17	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.34	0.34	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.34	0.34	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	87				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	96				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.089	0.089	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	53				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	50				%	2	10/16/25	SC	30 - 150 %
% TCMX	55				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	52				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0027	0.0027	mg/Kg	2	10/15/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.008	0.008	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0027	0.0027	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0044	0.0044	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0044	0.0044	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0044	0.0044	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.015	0.015	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.044	0.044	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0044	0.0044	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0018	0.0018	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0044	0.0044	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0089	0.0089	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.044	0.044	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.18	0.18	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	52			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	59			%	2	10/15/25	AW	30 - 150 %
% TCMX	55			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	63			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.57	0.11	mg/Kg	50	10/10/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0089	0.0019	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.57	0.11	mg/Kg	50	10/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.57	0.11	mg/Kg	50	10/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.57	0.11	mg/Kg	50	10/10/25	PS	SW8260D
1,2-dibromoethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
1,2-dichloroethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
1,4-dioxane	ND	0.13	0.071	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.054	0.0089	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.045	0.0089	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.045	0.0089	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.089	0.0089	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0089	0.0045	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0089	0.0036	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
isopropylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
methyl acetate	ND	0.089	0.089	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.018	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.045	0.0089	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
n-propylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
o-xylene	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
sec-butylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
styrene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.089	0.036	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.57	0.057	mg/Kg	50	10/10/25	PS	SW8260D
tetrachloroethylene	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0089	0.0018	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0089	0.00089	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0089	0.0089	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	86			%	1	10/09/25	PS	70 - 130 %

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	112				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99				%	1	10/09/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	99				%	50	10/10/25	PS	70 - 130 %	
% Bromofluorobenzene	100				%	50	10/10/25	PS	70 - 130 %	
% Dibromofluoromethane	94				%	50	10/10/25	PS	70 - 130 %	
% Toluene-d8	100				%	50	10/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.31	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.44	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.09	0.09	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.31	0.12	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.7	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.31	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.31	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.7	0.31	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.44	0.079	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.53	0.21	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.7	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.3	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.44	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.31	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.7	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.3	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.31	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.44	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	0.13	J	0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.44	5.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.49		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(a)pyrene	0.45		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	0.65		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.29	J	0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.19	J	0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND		0.88	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.44	0.44	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.31	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.31	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.44	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.31	0.22	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.44	0.22	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.46		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.22	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.88	0.44	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.31	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.93		0.31	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.31	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.31	0.31	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.3	J	0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.31	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.44	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.22	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.44	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.44	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.45		0.31	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.31	0.079	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.82		0.31	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	70				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	57				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	53				%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	55				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	60				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	57				%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	58				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	59				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	67				%	1	10/14/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.964	0.278	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.964	0.283	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.964	0.347	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.964	0.146	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		1.20	0.448	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		6.02	1.06	ug/kg	1	10/10/25		EPA 1633A	C
7:3FTCA	ND		6.02	0.869	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.964	0.260	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.964	0.182	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.964	0.219	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.241	0.0807	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.241	0.0723	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		2.41	0.834	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.482	0.0651	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.241	0.0844	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.241	0.0819	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		2.41	0.850	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.241	0.0554	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.241	0.0663	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.241	0.0386	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.241	0.0614	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.327		0.241	0.0627	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.241	0.0759	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.185	J	0.241	0.110	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.144	J	0.241	0.0482	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.241	0.00844	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.123	J	0.241	0.0554	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.313	J	0.964	0.198	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.241	0.0639	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.468		0.241	0.0169	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.16		0.241	0.0711	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.398		0.241	0.0337	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.241	0.0446	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.168	J	0.482	0.101	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.241	0.112	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.171	J	0.241	0.0651	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.418		0.241	0.0458	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.482	0.0940	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.482	0.0988	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.482	0.142	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	88.7				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	118.				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	98.1				%	1	10/10/25		20 - 130 %	C
% M3PFBS	100.				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	91.8				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	92.0				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	89.8				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	92.2				%	1	10/10/25		35 - 130 %	C
% M6PFDA	102.				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	98.6				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8FOSA	92.2			%	1	10/10/25		40 - 130 %	C
% M8PFOA	96.4			%	1	10/10/25		40 - 130 %	C
% M8PFOS	100.			%	1	10/10/25		40 - 130 %	C
% M9PFNA	95.2			%	1	10/10/25		40 - 130 %	C
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	90.3			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	121.			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	133.			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	74.3			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	65.7			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	60.2			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	66.5			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	109.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	92.8			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 26, 2025

Reviewed and Released by: Sarah Bell, Project Manager

Ver 2

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	12:15
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41624

Project ID: 22003-0092
Client ID: 2SB-12 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.44	0.44	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	83				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.86		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	271				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	0.30	J	0.60	0.301	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	11600		36	7.2	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	14.2		0.72	0.72	mg/Kg	1	10/08/25	TH	SW6010D	
barium	352	*	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.86		0.29	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

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Phoenix I.D.: CU41624

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	1.15		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
calcium	8080		3.6	3.3	mg/Kg	1	10/08/25	TH	SW6010D
chromium	24.4		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	10.1		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
copper	405		0.7	0.36	mg/kg	1	10/08/25	TH	SW6010D
iron	20500		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D
lead	1480	*	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	4180		3.6	3.6	mg/Kg	1	10/08/25	TH	SW6010D
manganese	705	N	0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
mercury	1.74	N, *	0.08	0.05	mg/Kg	5	10/09/25	ZT	SW7471B
nickel	23.7		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1210	N	72	28	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	0.72		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
sodium	151		7	3.1	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	35.3		0.36	0.36	mg/Kg	1	10/08/25	TH	SW6010D
zinc	368	N	0.7	0.36	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	91				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	103				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.079	0.079	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	65				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	61				%	2	10/16/25	SC	30 - 150 %
% TCMX	72				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	70				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.01	0.01	mg/Kg	2	10/15/25	AW	SW8081B

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Phoenix I.D.: CU41624

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.01	0.01	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.01	0.01	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.04	0.04	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0016	0.0016	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.004	0.004	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0079	0.0079	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.04	0.04	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.16	0.16	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	80			%	2	10/15/25	AW	30 - 150 %
% TCMX	97			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	63			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0069	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.1	0.055	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.042	0.0069	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.035	0.0069	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.035	0.0069	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.069	0.0069	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0069	0.0035	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0069	0.0028	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.069	0.069	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.014	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.035	0.0069	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.069	0.028	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0069	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0069	0.00069	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0069	0.0069	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	87			%	1	10/09/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	108				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.39	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.08	0.08	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.63	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.63	0.27	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.39	0.07	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.47	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.63	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.39	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.27	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.63	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.39	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	0.13	J	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.39	4.5	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.62		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.56		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	0.82		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.35		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.25	J	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.78	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.39	0.39	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.27	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.39	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.27	0.2	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.39	0.2	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.6	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.2	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.78	0.39	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.27	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	1.3	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.27	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.27	0.27	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.37	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.27	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.39	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.2	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.39	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.39	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.69	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.27	0.07	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	1.1	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	78			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	63			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	53			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	60			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	67			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	57			%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	63			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	67			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	68			%	1	10/14/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.782	0.226	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.782	0.230	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.782	0.282	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.782	0.118	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	0.977	0.364	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	4.89	0.860	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.89	0.705	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.782	0.211	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.782	0.148	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.782	0.178	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.195	0.0655	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.195	0.0586	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.95	0.676	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.391	0.0528	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.195	0.0684	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.195	0.0665	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.95	0.689	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.195	0.0450	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.195	0.0538	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.195	0.0313	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.195	0.0498	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.195	0.0508	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.195	0.0616	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.195	0.0889	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0492	J	0.195	0.0391	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.195	0.00684	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0502	J	0.195	0.0450	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.782	0.160	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.195	0.0518	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.195	0.0137	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.320		0.195	0.0577	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.379		0.195	0.0274	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.195	0.0362	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.391	0.0821	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.195	0.0909	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.195	0.0528	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.195	0.0371	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.391	0.0762	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.391	0.0802	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.391	0.115	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	96.0				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	91.6				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	82.1				%	1	10/10/25		20 - 130 %	C
% M3PFBS	97.4				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	90.6				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	90.7				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	89.0				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	88.7				%	1	10/10/25		35 - 130 %	C
% M6PFDA	100.				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	106.				%	1	10/10/25		40 - 130 %	C
% M8FOSA	84.3				%	1	10/10/25		40 - 130 %	C
% M8PFOA	94.6				%	1	10/10/25		40 - 130 %	C
% M8PFOS	95.1				%	1	10/10/25		40 - 130 %	C
% M9PFNA	91.5				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	99.9			%	1	10/10/25		8 - 130 %	C
% MPFDoA	88.8			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	90.7			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	93.9			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	67.9			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	61.9			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	63.3			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	70.4			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	103.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	89.6			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	12:25
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41625

Project ID: 22003-0092
Client ID: 2SB-12 8-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.41	0.41	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.65		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	260				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	19300		35	7.0	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.5	3.5	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	8.37		0.70	0.70	mg/Kg	1	10/08/25	TH	SW6010D	
barium	89.1	*	0.7	0.35	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	1.12		0.28	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

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Phoenix I.D.: CU41625

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.59		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
calcium	5850		3.5	3.2	mg/Kg	1	10/08/25	TH	SW6010D
chromium	24.6		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	15.6		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
copper	52.9		0.7	0.35	mg/kg	1	10/08/25	TH	SW6010D
iron	40600		35	35	mg/Kg	10	10/08/25	TH	SW6010D
lead	21.8	*	0.7	0.35	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	7790		3.5	3.5	mg/Kg	1	10/08/25	TH	SW6010D
manganese	423	N	0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.13	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	33.7		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
potassium	2400	N	70	27	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
sodium	71		7	3.0	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	29.4		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
zinc	135	N	0.7	0.35	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	85				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	92				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.072	0.072	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	55				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	48				%	2	10/15/25	SC	30 - 150 %
% TCMX	62				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	59				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	57			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	56			%	2	10/15/25	AW	30 - 150 %
% TCMX	100			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	47			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0054	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.081	0.043	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.032	0.0054	mg/Kg	1	10/09/25	PS	SW8260D

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Phoenix I.D.: CU41625

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.027	0.0054	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.027	0.0054	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.054	0.0054	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0054	0.0027	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0054	0.0022	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.054	0.054	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.027	0.0054	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.054	0.022	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0054	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0054	0.00054	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0054	0.0054	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	97			%	1	10/09/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	110			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	100			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.087	0.087	mg/Kg	1	10/13/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	72			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	56			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	69			%	1	10/13/25	PS	30 - 130 %	
% 2-Fluorophenol	55			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	61			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	77			%	1	10/13/25	PS	30 - 130 %	
% Phenol-d5	55			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	65			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	89			%	1	10/13/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.776	0.224	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.776	0.228	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.776	0.279	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.776	0.117	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	0.970	0.361	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	4.85	0.854	ug/kg	1	10/10/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.85	0.699	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.776	0.210	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.776	0.146	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.776	0.176	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.194	0.0650	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.194	0.0582	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.94	0.671	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.388	0.0524	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.194	0.0679	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.194	0.0660	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.94	0.684	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.194	0.0446	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.194	0.0534	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.194	0.0310	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.194	0.0495	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.194	0.0504	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.194	0.0611	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.194	0.0883	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.194	0.0388	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.194	0.00679	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.194	0.0446	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.776	0.159	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.194	0.0514	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.194	0.0136	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.0841	J	0.194	0.0572	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND		0.194	0.0272	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.194	0.0359	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.388	0.0815	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.194	0.0902	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.194	0.0524	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.194	0.0369	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.388	0.0757	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.388	0.0795	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.388	0.114	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	98.6				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	90.0				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	70.8				%	1	10/10/25		20 - 130 %	C
% M3PFBS	103.				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	95.7				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	94.4				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	92.0				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	93.4				%	1	10/10/25		35 - 130 %	C
% M6PFDA	94.4				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	105.				%	1	10/10/25		40 - 130 %	C
% M8FOSA	80.7				%	1	10/10/25		40 - 130 %	C
% M8PFOA	94.3				%	1	10/10/25		40 - 130 %	C
% M8PFOS	94.8				%	1	10/10/25		40 - 130 %	C
% M9PFNA	91.2				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	78.8			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	75.8			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	78.5			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	69.3			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	69.6			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	62.9			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	72.7			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	112.			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	95.6			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	13:15
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41626

Project ID: 22003-0092
Client ID: 2SB-13 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/15/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.44	0.44	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	85				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.84		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	303				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.59	0.294	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	13000		35	7.0	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.5	3.5	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	7.87		0.70	0.70	mg/Kg	1	10/08/25	TH	SW6010D	
barium	525	*	0.7	0.35	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.57		0.28	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	1.18		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
calcium	21400		35	32	mg/Kg	10	10/08/25	TH	SW6010D
chromium	29.6		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	9.75		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
copper	81.1		0.7	0.35	mg/kg	1	10/08/25	TH	SW6010D
iron	24700		3.5	3.5	mg/Kg	1	10/08/25	TH	SW6010D
lead	2130	*	0.7	0.35	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	5940		3.5	3.5	mg/Kg	1	10/08/25	TH	SW6010D
manganese	633	N	0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
mercury	1.24	N, *	0.08	0.05	mg/Kg	5	10/09/25	ZT	SW7471B
nickel	24.2		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1550	N	70	27	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	0.49		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
sodium	157		7	3.0	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	40.8		0.35	0.35	mg/Kg	1	10/08/25	TH	SW6010D
zinc	524	N	7.0	3.5	mg/Kg	10	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.29	0.29	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.5	1.5	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.15	0.15	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.29	0.29	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.29	0.29	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	89				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	95				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.077	0.077	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	65				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	58				%	2	10/15/25	SC	30 - 150 %
% TCMX	74				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	69				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	0.035	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	0.056	0.0023	0.0023	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.01	0.01	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0038	0.0038	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.01	0.01	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0077	0.0077	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.038	0.038	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	66			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	82			%	2	10/15/25	AW	30 - 150 %
% TCMX	72			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	92			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.42	0.085	mg/Kg	50	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0076	0.0017	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.42	0.085	mg/Kg	50	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.42	0.085	mg/Kg	50	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.42	0.085	mg/Kg	50	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.11	0.061	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.046	0.0076	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.038	0.0076	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.038	0.0076	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.076	0.0076	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0076	0.0038	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0076	0.0031	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
methyl acetate	ND	0.076	0.076	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.015	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.038	0.0076	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
o-xylene	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
styrene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.076	0.031	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.42	0.042	mg/Kg	50	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0076	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0076	0.00076	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0076	0.0076	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	87			%	1	10/09/25	PS	70 - 130 %

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	95				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	98				%	1	10/09/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	101				%	50	10/09/25	PS	70 - 130 %	
% Bromofluorobenzene	101				%	50	10/09/25	PS	70 - 130 %	
% Dibromofluoromethane	98				%	50	10/09/25	PS	70 - 130 %	
% Toluene-d8	102				%	50	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.38	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.078	0.078	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.61	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.27	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.61	0.27	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.38	0.069	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.46	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.61	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.38	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.27	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.61	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	0.18	J	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.38	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	0.31		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	0.12	J	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.38	4.4	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	1.6		0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(a)pyrene	1.5	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	2	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.92	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.65	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.77	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.38	0.38	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.27	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.38	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.27	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.38	0.19	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	1.4	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	0.22	0.19	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.77	0.38	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.27	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	3	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.27	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.27	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.27	0.27	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.96	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.38	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.19	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.38	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.38	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	1.5	0.27	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.27	0.069	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	2.8	0.27	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	71			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	62			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	64			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	67			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	70			%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	66			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	76			%	1	10/14/25	MR	30 - 130 %	
% Terphenyl-d14	63			%	1	10/15/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.789	0.228	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.789	0.232	ug/kg	1	10/10/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.789	0.284	ug/kg	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	0.126	J	0.789	0.119	ug/kg	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		0.987	0.367	ug/kg	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		4.93	0.868	ug/kg	1	10/10/25		EPA 1633A	C
7:3FTCA	ND		4.93	0.711	ug/kg	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.789	0.213	ug/kg	1	10/10/25		EPA 1633A	C
ADONA	ND		0.789	0.149	ug/kg	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		0.789	0.180	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		0.197	0.0661	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		0.197	0.0592	ug/kg	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		1.97	0.683	ug/kg	1	10/10/25		EPA 1633A	C
NFDHA	ND		0.395	0.0533	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		0.197	0.0691	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		0.197	0.0671	ug/kg	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		1.97	0.696	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.197	0.0454	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.197	0.0543	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.197	0.0316	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.197	0.0503	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.232		0.197	0.0513	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.197	0.0622	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.112	J	0.197	0.0898	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.154	J	0.197	0.0395	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.197	0.00691	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.154	J	0.197	0.0454	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.356	J	0.789	0.162	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.197	0.0523	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.364		0.197	0.0138	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.68		0.197	0.0582	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.924		0.197	0.0276	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0365	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.195	J	0.395	0.0829	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.197	0.0918	ug/kg	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.109	J	0.197	0.0533	ug/kg	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.246		0.197	0.0375	ug/kg	1	10/10/25		EPA 1633A	C
PFEESA	ND		0.395	0.0770	ug/kg	1	10/10/25		EPA 1633A	C
PFMBA	ND		0.395	0.0809	ug/kg	1	10/10/25		EPA 1633A	C
PFMPA	ND		0.395	0.116	ug/kg	1	10/10/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	89.8				%	1	10/10/25		40 - 215 %	C
% M2-8:2FTS	103.				%	1	10/10/25		40 - 275 %	C
% M2PFTeDA	102.				%	1	10/10/25		20 - 130 %	C
% M3PFBS	101.				%	1	10/10/25		40 - 135 %	C
% M3PFHxS	91.8				%	1	10/10/25		40 - 130 %	C
% M4PFHpA	91.0				%	1	10/10/25		40 - 130 %	C
% M5PFHxA	89.4				%	1	10/10/25		40 - 130 %	C
% M5PFPeA	91.1				%	1	10/10/25		35 - 130 %	C
% M6PFDA	92.9				%	1	10/10/25		40 - 130 %	C
% M7PFUdA	94.9				%	1	10/10/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8FOSA	84.6			%	1	10/10/25		40 - 130 %	C
% M8PFOA	93.1			%	1	10/10/25		40 - 130 %	C
% M8PFOS	94.9			%	1	10/10/25		40 - 130 %	C
% M9PFNA	91.2			%	1	10/10/25		40 - 130 %	C
% MPFBA	100.			%	1	10/10/25		8 - 130 %	C
% MPFDoA	82.3			%	1	10/10/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	109.			%	1	10/10/25		40 - 135 %	C
% d5-N-EtFOSAA	122.			%	1	10/10/25		40 - 150 %	C
% d7-N-MeFOSE	66.6			%	1	10/10/25		20 - 130 %	C
% d9-N-EtFOSE	67.8			%	1	10/10/25		15 - 130 %	C
% d-N-EtFOSA	55.0			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	61.9			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	95.5			%	1	10/10/25		40 - 165 %	C
% M3HFPO-DA	91.9			%	1	10/10/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 26, 2025

Reviewed and Released by: Sarah Bell, Project Manager

Ver 2

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	14:20
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41627

Project ID: 22003-0092
Client ID: 2SB-13 0-5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.40	0.40	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.55		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	297				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	16900		37	7.3	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.7	3.7	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	8.27		0.73	0.73	mg/Kg	1	10/08/25	TH	SW6010D	
barium	73.1	*	0.7	0.37	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.90		0.29	0.15	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.56		0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
calcium	1880		3.7	3.4	mg/Kg	1	10/08/25	TH	SW6010D
chromium	23.8		0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	14.2		0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
copper	44.6		0.7	0.37	mg/kg	1	10/08/25	TH	SW6010D
iron	37200		3.7	3.7	mg/Kg	1	10/08/25	TH	SW6010D
lead	78.1	*	0.7	0.37	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	6020		3.7	3.7	mg/Kg	1	10/08/25	TH	SW6010D
manganese	633	N	0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.66	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	28.6		0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
potassium	2010	N	73	29	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.5	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
sodium	55		7	3.2	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	28.8		0.37	0.37	mg/Kg	1	10/08/25	TH	SW6010D
zinc	101	N	0.7	0.37	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	74				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	85				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	59				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	55				%	2	10/16/25	SC	30 - 150 %
% TCMX	65				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	59				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	0.0046		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

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Phoenix I.D.: CU41627

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	0.027	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	0.038	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	60			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	70			%	2	10/15/25	AW	30 - 150 %
% TCMX	58			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	67			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0063	0.0014	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.095	0.051	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.038	0.0063	mg/Kg	1	10/09/25	PS	SW8260D

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2-hexanone	ND	0.032	0.0063	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.032	0.0063	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.063	0.0063	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0063	0.0032	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0063	0.0025	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.063	0.063	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.032	0.0063	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.063	0.025	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0063	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0063	0.00063	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0063	0.0063	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	86			%	1	10/09/25	PS	70 - 130 %

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% Dibromofluoromethane	100				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99				%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.36	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.073	0.073	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.58	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	0.15	J	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.58	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.44	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.58	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.58	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	0.3		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	0.19	J	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.36	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	0.67		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	1.5		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	1.4		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	1.8		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.75		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.55		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Benzoic acid	ND	0.73	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	0.37	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	1.3	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	0.18	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	0.27	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.73	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	3.6	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	0.3	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.8	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	0.28	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	3.4	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	3.1	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	71			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	59			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	58			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	56			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	63			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	63			%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	58			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	62			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	83			%	1	10/14/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.777	0.224	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.777	0.228	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.777	0.280	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.777	0.117	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND	0.971	0.361	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND	4.85	0.854	ug/kg	1	10/13/25		EPA 1633A	C

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7:3FTCA	ND		4.85	0.700	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.777	0.210	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.777	0.146	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.777	0.177	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.194	0.0650	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.194	0.0582	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.94	0.672	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.388	0.0524	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.194	0.0680	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.194	0.0660	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.94	0.684	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.194	0.0446	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.194	0.0534	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.194	0.0311	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.194	0.0495	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.194	0.0505	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.194	0.0612	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.194	0.0883	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0519	J	0.194	0.0388	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.194	0.00680	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0616	J	0.194	0.0446	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.777	0.159	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.194	0.0514	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.194	0.0136	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.327		0.194	0.0573	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.436		0.194	0.0272	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.194	0.0359	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.388	0.0815	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.194	0.0903	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.194	0.0524	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.194	0.0369	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.388	0.0757	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.388	0.0796	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.388	0.114	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	86.2				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	86.3				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	67.6				%	1	10/13/25		20 - 130 %	C
% M3PFBS	91.1				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	87.0				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	87.5				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	84.1				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	88.8				%	1	10/13/25		35 - 130 %	C
% M6PFDA	87.3				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	90.3				%	1	10/13/25		40 - 130 %	C
% M8FOSA	77.5				%	1	10/13/25		40 - 130 %	C
% M8PFOA	85.7				%	1	10/13/25		40 - 130 %	C
% M8PFOS	86.6				%	1	10/13/25		40 - 130 %	C
% M9PFNA	89.3				%	1	10/13/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	98.2			%	1	10/13/25		8 - 130 %	C
% MPFDoA	79.0			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	84.8			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	83.1			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	56.1			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	51.8			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	54.6			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	65.5			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	86.7			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	82.5			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	14:35
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41628

Project ID: 22003-0092
Client ID: 2SB-13 8-10

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.43	0.43	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.85		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	302				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	13300		39	7.7	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.9	3.9	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	4.28		0.77	0.77	mg/Kg	1	10/08/25	TH	SW6010D	
barium	53.3	*	0.8	0.39	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.65		0.31	0.15	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.44		0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
calcium	56700		39	36	mg/Kg	10	10/08/25	TH	SW6010D
chromium	17.1		0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	9.83		0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
copper	30.0		0.8	0.39	mg/kg	1	10/08/25	TH	SW6010D
iron	27100		3.9	3.9	mg/Kg	1	10/08/25	TH	SW6010D
lead	11.9	*	0.8	0.39	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	24300		3.9	3.9	mg/Kg	1	10/08/25	TH	SW6010D
manganese	488	N	0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.03	J, N,	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	22.8		0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
potassium	2010	N	77	30	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.5	1.3	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
sodium	132		8	3.3	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	19.2		0.39	0.39	mg/Kg	1	10/08/25	TH	SW6010D
zinc	78.0	N	0.8	0.39	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	76				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	84				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	63				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	60				%	2	10/16/25	SC	30 - 150 %
% TCMX	69				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	68				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	59			%	2	10/15/25	AW	30 - 150 %
% TCMX	60			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	62			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0058	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.087	0.046	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0058	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.029	0.0058	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.029	0.0058	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.058	0.0058	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0058	0.0029	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0058	0.0023	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.058	0.058	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.029	0.0058	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.058	0.023	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0058	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0058	0.00058	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0058	0.0058	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	98			%	1	10/09/25	PS	70 - 130 %

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Phoenix I.D.: CU41628

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	94			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	100			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.14	0.14	mg/Kg	1	10/13/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.58	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.58	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.58	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.58	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	71			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	78			%	1	10/13/25	PS	30 - 130 %	
% 2-Fluorophenol	54			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	59			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	77			%	1	10/13/25	PS	30 - 130 %	
% Phenol-d5	54			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	63			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	118			%	1	10/13/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.669	0.193	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.669	0.196	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.669	0.241	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.669	0.101	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND	0.836	0.311	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND	4.18	0.736	ug/kg	1	10/13/25		EPA 1633A	C

Ver 2

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND	4.18	0.603	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.669	0.180	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND	0.669	0.126	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND	0.669	0.152	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND	0.167	0.0560	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND	0.167	0.0502	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND	1.67	0.578	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND	0.334	0.0451	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND	0.167	0.0585	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND	0.167	0.0568	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND	1.67	0.589	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.167	0.0384	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.167	0.0460	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.167	0.0267	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.167	0.0426	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.167	0.0435	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.167	0.0527	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.167	0.0761	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.167	0.0334	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.167	0.00585	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.167	0.0384	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.669	0.137	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.167	0.0443	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.167	0.0117	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.167	0.0493	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.167	0.0234	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.167	0.0309	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.334	0.0702	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.167	0.0777	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.167	0.0451	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.167	0.0318	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND	0.334	0.0652	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND	0.334	0.0685	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND	0.334	0.0986	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	76.2			%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	77.1			%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	59.4			%	1	10/13/25		20 - 130 %	C
% M3PFBS	79.3			%	1	10/13/25		40 - 135 %	C
% M3PFHxS	77.9			%	1	10/13/25		40 - 130 %	C
% M4PFHpA	80.0			%	1	10/13/25		40 - 130 %	C
% M5PFHxA	77.5			%	1	10/13/25		40 - 130 %	C
% M5PFPeA	83.1			%	1	10/13/25		35 - 130 %	C
% M6PFDA	78.7			%	1	10/13/25		40 - 130 %	C
% M7PFUdA	81.4			%	1	10/13/25		40 - 130 %	C
% M8FOSA	73.0			%	1	10/13/25		40 - 130 %	C
% M8PFOA	78.2			%	1	10/13/25		40 - 130 %	C
% M8PFOS	78.1			%	1	10/13/25		40 - 130 %	C
% M9PFNA	80.0			%	1	10/13/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	98.3			%	1	10/13/25		8 - 130 %	C
% MPFDoA	67.6			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	55.2			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	56.2			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	63.1			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	56.4			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	49.7			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	60.1			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	76.2			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	81.5			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	14:30
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41629

Project ID: 22003-0092
Client ID: 2SB-14 SURF

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.41	0.41	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.38		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	298				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	12700		34	6.9	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.4	3.4	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	5.66		0.69	0.69	mg/Kg	1	10/08/25	TH	SW6010D	
barium	178	*	0.7	0.34	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.57		0.27	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-14 SURF

Phoenix I.D.: CU41629

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.64		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
calcium	5040		3.4	3.2	mg/Kg	1	10/08/25	TH	SW6010D
chromium	16.6		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	8.49		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
copper	43.8		0.7	0.34	mg/kg	1	10/08/25	TH	SW6010D
iron	21600		3.4	3.4	mg/Kg	1	10/08/25	TH	SW6010D
lead	670	*	0.7	0.34	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	4140		3.4	3.4	mg/Kg	1	10/08/25	TH	SW6010D
manganese	624	N	0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
mercury	1.18	N, *	0.07	0.04	mg/Kg	5	10/09/25	ZT	SW7471B
nickel	21.1		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1460	N	69	27	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
sodium	74		7	3.0	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	27.5		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
zinc	226	N	0.7	0.34	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	67				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	80				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1221	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1232	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1242	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1248	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1254	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1260	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1262	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
PCB-1268	ND		0.073	0.073	mg/Kg	2	10/15/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	51				%	2	10/15/25	SC	30 - 150 %
% DCBP (Confirmation)	46				%	2	10/15/25	SC	30 - 150 %
% TCMX	57				%	2	10/15/25	SC	30 - 150 %
% TCMX (Confirmation)	56				%	2	10/15/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	0.0031	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	0.0086	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0073	0.0073	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	57			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	68			%	2	10/15/25	AW	30 - 150 %
% TCMX	52			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.42	0.084	mg/Kg	50	10/10/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0074	0.0016	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.42	0.084	mg/Kg	50	10/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.42	0.084	mg/Kg	50	10/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.42	0.084	mg/Kg	50	10/10/25	PS	SW8260D
1,2-dibromoethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
1,2-dichloroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
1,4-dioxane	ND	0.11	0.059	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.044	0.0074	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.037	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.037	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.074	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0074	0.0037	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0074	0.0029	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
isopropylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
methyl acetate	ND	0.074	0.074	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.015	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.037	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
n-propylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
o-xylene	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
sec-butylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
styrene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.074	0.029	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.42	0.042	mg/Kg	50	10/10/25	PS	SW8260D
tetrachloroethylene	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0074	0.0015	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0074	0.00074	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0074	0.0074	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	84			%	1	10/09/25	PS	70 - 130 %

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	96				%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	97				%	1	10/09/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	99				%	50	10/10/25	PS	70 - 130 %	
% Bromofluorobenzene	98				%	50	10/10/25	PS	70 - 130 %	
% Dibromofluoromethane	92				%	50	10/10/25	PS	70 - 130 %	
% Toluene-d8	101				%	50	10/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.072	0.072	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.58	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.58	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.58	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.58	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	0.12	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.57		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(a)pyrene	0.57	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	0.81	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.35	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.25	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.58	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	1.2	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.36	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.57	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	1	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	73			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	63			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorophenol	61			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	67			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	66			%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	64			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	72			%	1	10/14/25	MR	30 - 130 %	
% Terphenyl-d14	66			%	1	10/15/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.788	0.228	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.788	0.231	ug/kg	1	10/13/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.788	0.284	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.788	0.119	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.985	0.366	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.92	0.867	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND		4.92	0.710	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.788	0.213	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.788	0.149	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.788	0.179	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.197	0.0660	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.197	0.0591	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.97	0.682	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.394	0.0532	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.197	0.0689	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.197	0.0670	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.97	0.694	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.197	0.0453	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.197	0.0542	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.197	0.0315	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.197	0.0502	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.344		0.197	0.0512	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.197	0.0620	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.167	J	0.197	0.0896	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.130	J	0.197	0.0394	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.197	0.00689	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.113	J	0.197	0.0453	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.242	J	0.788	0.162	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.197	0.0522	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.357		0.197	0.0138	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.45		0.197	0.0581	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.588		0.197	0.0276	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0364	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.140	J	0.394	0.0827	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.197	0.0916	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.123	J	0.197	0.0532	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.351		0.197	0.0374	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.394	0.0768	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.394	0.0808	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.394	0.116	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	85.1				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	114.				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	90.1				%	1	10/13/25		20 - 130 %	C
% M3PFBS	85.5				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	87.7				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	90.9				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	86.3				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	92.9				%	1	10/13/25		35 - 130 %	C
% M6PFDA	88.8				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	94.4				%	1	10/13/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8FOSA	88.9			%	1	10/13/25		40 - 130 %	C
% M8PFOA	88.9			%	1	10/13/25		40 - 130 %	C
% M8PFOS	85.1			%	1	10/13/25		40 - 130 %	C
% M9PFNA	91.2			%	1	10/13/25		40 - 130 %	C
% MPFBA	99.3			%	1	10/13/25		8 - 130 %	C
% MPFDoA	89.7			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	122.			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	129.			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	69.6			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	62.6			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	61.8			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	71.4			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	92.5			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	85.6			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 26, 2025

Reviewed and Released by: Sarah Bell, Project Manager

Ver 2

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	15:05
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41630

Project ID: 22003-0092
Client ID: 2SB-14 0-5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.39	0.39	mg/Kg	1	10/09/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	94				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	7.88		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	286				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.53	0.266	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	15500		31	6.3	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.1	3.1	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	4.28		0.63	0.63	mg/Kg	1	10/08/25	TH	SW6010D	
barium	78.1	*	0.6	0.31	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.68		0.25	0.13	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.41		0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
calcium	5530		3.1	2.9	mg/Kg	1	10/08/25	TH	SW6010D
chromium	17.5		0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	10.1		0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
copper	30.9		0.6	0.31	mg/kg	1	10/08/25	TH	SW6010D
iron	27300		3.1	3.1	mg/Kg	1	10/08/25	TH	SW6010D
lead	70.9	*	0.6	0.31	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	4770		3.1	3.1	mg/Kg	1	10/08/25	TH	SW6010D
manganese	665	N	0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
mercury	0.31	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	21.3		0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1190	N	63	24	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.3	1.1	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
sodium	44		6	2.7	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	21.1		0.31	0.31	mg/Kg	1	10/08/25	TH	SW6010D
zinc	81.8	N	0.6	0.31	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	71				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	78				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	60				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
% TCMX	60				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B

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Phoenix I.D.: CU41630

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0069	0.0069	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	58			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	53			%	2	10/15/25	AW	30 - 150 %
% TCMX	54			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0059	0.0013	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.088	0.047	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0059	mg/Kg	1	10/09/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.029	0.0059	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.029	0.0059	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.059	0.0059	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0059	0.0029	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0059	0.0023	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.059	0.059	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.029	0.0059	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.059	0.023	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0059	0.0012	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0059	0.00059	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0059	0.0059	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	105			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	90			%	1	10/09/25	PS	70 - 130 %

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% Dibromofluoromethane	98			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	99			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.24	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.085	0.085	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.56	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.24	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.24	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.56	0.24	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.42	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.56	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.24	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.56	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.35	4	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Benzoic acid	ND	0.69	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.24	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.24	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.35	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.24	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.35	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.17	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.69	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.24	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.24	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.24	0.24	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.35	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.17	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.35	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.24	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	67			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	63			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	72			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	71			%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	64			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	94			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	75			%	1	10/15/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.693	0.200	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.693	0.204	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.693	0.250	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.693	0.105	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND	0.866	0.322	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND	4.33	0.762	ug/kg	1	10/13/25		EPA 1633A	C

Ver 2

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.33	0.625	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.693	0.187	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.693	0.131	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.693	0.158	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.173	0.0580	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.173	0.0520	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.73	0.599	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.346	0.0468	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.173	0.0606	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.173	0.0589	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.73	0.611	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.173	0.0398	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.173	0.0476	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.173	0.0277	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.173	0.0442	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0576	J	0.173	0.0450	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.173	0.0546	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.173	0.0788	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0605	J	0.173	0.0346	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.173	0.00606	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0600	J	0.173	0.0398	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.693	0.142	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.173	0.0459	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0889	J	0.173	0.0121	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.295		0.173	0.0511	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.319		0.173	0.0242	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.173	0.0320	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0734	J	0.346	0.0728	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.173	0.0806	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.173	0.0468	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0502	J	0.173	0.0329	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.346	0.0676	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.346	0.0710	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.346	0.102	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	89.0				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	89.8				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	83.7				%	1	10/13/25		20 - 130 %	C
% M3PFBS	89.2				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	86.0				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	79.9				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	74.4				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	79.2				%	1	10/13/25		35 - 130 %	C
% M6PFDA	84.3				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	91.8				%	1	10/13/25		40 - 130 %	C
% M8FOSA	70.8				%	1	10/13/25		40 - 130 %	C
% M8PFOA	81.9				%	1	10/13/25		40 - 130 %	C
% M8PFOS	88.8				%	1	10/13/25		40 - 130 %	C
% M9PFNA	85.5				%	1	10/13/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-14 0-5

Phoenix I.D.: CU41630

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	83.7			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	78.0			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	78.0			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	60.0			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	54.8			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	50.9			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	57.7			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	93.6			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	69.4			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	15:15
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41631

Project ID: 22003-0092
Client ID: 2SB-14 10-12.5

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed						10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed						10/09/25	X/D	SW3546	
Soil Extraction for PCB	Completed						10/14/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed						10/14/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed						10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed						10/10/25	JLI		
Volatile Library Search Top 15	Completed						10/10/25	JLI		
SVOA Library Search Top 15	Completed						10/16/25	MR		
Miscellaneous										
Chromium, Hex. (SW3060A digestion	ND		0.41	0.41	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed						10/08/25	AK/GW	SW7473	
Percent Solid	91				%		10/04/25	CV	SW846-%Solid	
pH at 25C - Soil	8.15		1.00	1.00	pH Units	1	10/03/25 23:21	KG	SW846 9045D	
Redox Potential	282				mV	1	10/03/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed						10/14/25	H/Z	SW3546	
Total Cyanide	ND		0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed						10/04/25	P/AG	SW3050B	
Metals, Total										
aluminum	14200		34	6.9	mg/Kg	10	10/08/25	TH	SW6010D	
antimony	ND		3.4	3.4	mg/Kg	1	10/08/25	TH	SW6010D	
arsenic	4.05		0.69	0.69	mg/Kg	1	10/08/25	TH	SW6010D	
barium	63.7	*	0.7	0.34	mg/Kg	1	10/08/25	TH	SW6010D	
beryllium	0.61		0.27	0.14	mg/Kg	1	10/08/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.60		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
calcium	1730		3.4	3.2	mg/Kg	1	10/08/25	TH	SW6010D
chromium	16.9		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
cobalt	12.0		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
copper	34.6		0.7	0.34	mg/kg	1	10/08/25	TH	SW6010D
iron	33000		3.4	3.4	mg/Kg	1	10/08/25	TH	SW6010D
lead	12.3	*	0.7	0.34	mg/Kg	1	10/08/25	TH	SW6010D
magnesium	6340		3.4	3.4	mg/Kg	1	10/08/25	TH	SW6010D
manganese	1140	N	0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
mercury	ND	N, *	0.03	0.02	mg/Kg	2	10/09/25	ZT	SW7471B
nickel	28.3		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
potassium	1370	N	69	27	mg/Kg	10	10/08/25	TH	SW6010D
selenium	ND	N	1.4	1.2	mg/Kg	1	10/08/25	TH	SW6010D
silver	ND		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
sodium	54		7	3.0	mg/Kg	1	10/08/25	TH	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	TH	SW6010D
vanadium	19.3		0.34	0.34	mg/Kg	1	10/08/25	TH	SW6010D
zinc	90.8	N	0.7	0.34	mg/Kg	1	10/08/25	TH	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/10/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/10/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/10/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	80				%	10	10/10/25	JRB	30 - 150 %
% DCAA (Confirmation)	91				%	10	10/10/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	47				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	47				%	2	10/16/25	SC	30 - 150 %
% TCMX	55				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	53				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B

Ver 2

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Client ID: 2SB-14 10-12.5

Phoenix I.D.: CU41631

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
4,4' -DDT	ND	0.0022	0.0022	mg/Kg	2	10/15/25	AW	SW8081B
a-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
b-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
d-BHC	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan I	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan II	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endosulfan sulfate	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin aldehyde	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Endrin ketone	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/15/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Heptachlor epoxide	ND	0.0072	0.0072	mg/Kg	2	10/15/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/15/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/15/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	47			%	2	10/15/25	AW	30 - 150 %
% DCBP (Confirmation)	50			%	2	10/15/25	AW	30 - 150 %
% TCMX	59			%	2	10/15/25	AW	30 - 150 %
% TCMX (Confirmation)	55			%	2	10/15/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0051	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.076	0.04	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.03	0.0051	mg/Kg	1	10/09/25	PS	SW8260D

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Phoenix I.D.: CU41631

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.025	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.025	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.051	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
acrolein	ND	0.0051	0.0025	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.0051	0.002	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.051	0.051	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.01	0.001	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.025	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.051	0.02	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.0051	0.001	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.0051	0.00051	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.0051	0.0051	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	94			%	1	10/09/25	PS	70 - 130 %

Ver 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	96			%	1	10/09/25	PS	70 - 130 %	
% Toluene-d8	101			%	1	10/09/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.11	0.11	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Phoenix I.D.: CU41631

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.71	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.71	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	75			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	63			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	69			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	62			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	68			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	73			%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	62			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	106			%	1	10/14/25	PS	30 - 130 %	
% Terphenyl-d14	73			%	1	10/15/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.718	0.207	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.718	0.211	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.718	0.259	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.718	0.109	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND	0.898	0.334	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND	4.49	0.790	ug/kg	1	10/13/25		EPA 1633A	C

Ver 2

Project ID: 22003-0092
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Phoenix I.D.: CU41631

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND	4.49	0.648	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND	0.718	0.194	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND	0.718	0.136	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND	0.718	0.163	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND	0.180	0.0602	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND	0.180	0.0539	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND	1.80	0.621	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND	0.359	0.0485	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND	0.180	0.0629	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND	0.180	0.0611	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND	1.80	0.633	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.180	0.0413	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.180	0.0494	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.180	0.0287	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.180	0.0458	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.180	0.0467	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.180	0.0566	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.180	0.0817	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.180	0.0359	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.180	0.00629	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.180	0.0413	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.718	0.147	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.180	0.0476	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.180	0.0126	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.180	0.0530	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.180	0.0251	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.180	0.0332	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.359	0.0754	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.180	0.0835	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.180	0.0485	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.180	0.0341	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND	0.359	0.0700	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND	0.359	0.0736	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND	0.359	0.106	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	88.5			%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	90.0			%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	76.2			%	1	10/13/25		20 - 130 %	C
% M3PFBS	87.9			%	1	10/13/25		40 - 135 %	C
% M3PFHxS	84.7			%	1	10/13/25		40 - 130 %	C
% M4PFHpA	89.3			%	1	10/13/25		40 - 130 %	C
% M5PFHxA	85.4			%	1	10/13/25		40 - 130 %	C
% M5PFPeA	90.3			%	1	10/13/25		35 - 130 %	C
% M6PFDA	86.2			%	1	10/13/25		40 - 130 %	C
% M7PFUdA	93.5			%	1	10/13/25		40 - 130 %	C
% M8FOSA	81.1			%	1	10/13/25		40 - 130 %	C
% M8PFOA	86.5			%	1	10/13/25		40 - 130 %	C
% M8PFOS	86.4			%	1	10/13/25		40 - 130 %	C
% M9PFNA	89.8			%	1	10/13/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: 2SB-14 10-12.5

Phoenix I.D.: CU41631

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	100.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	78.2			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	80.7			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	75.9			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	68.9			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	62.0			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	52.1			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	61.0			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	91.4			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	85.0			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

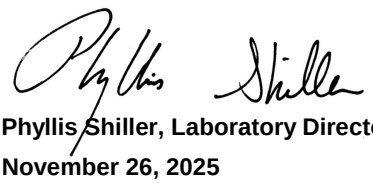
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41633

Project ID: 22003-0092
Client ID: TB-20251002 LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatile Library Search Top 10	Completed					10/10/25	JLI	
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.005	0.0011	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
1,4-dioxane	ND	0.075	0.04	mg/Kg	1	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	0.03	0.005	mg/Kg	1	10/09/25	PS	SW8260D
2-hexanone	ND	0.025	0.005	mg/Kg	1	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.025	0.005	mg/Kg	1	10/09/25	PS	SW8260D
acetone	ND	0.05	0.005	mg/Kg	1	10/09/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB-20251002 LL

Phoenix I.D.: CU41633

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
acrolein	ND	0.005	0.0025	mg/Kg	1	10/09/25	PS	SW8260D
acrylonitrile	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
benzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
bromochloromethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
Bromoform	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
bromomethane	ND	0.005	0.002	mg/Kg	1	10/09/25	PS	SW8260D
carbon disulfide	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
chlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
chloroethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
chloroform	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
chloromethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
cyclohexane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dibromomethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
ethyl benzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
methyl acetate	ND	0.05	0.05	mg/Kg	1	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.01	0.001	mg/Kg	1	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
methylene chloride	ND	0.025	0.005	mg/Kg	1	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
o-xylene	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
styrene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	0.05	0.02	mg/Kg	1	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
toluene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
trichloroethylene	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.005	0.001	mg/Kg	1	10/09/25	PS	SW8260D
vinyl chloride	ND	0.005	0.0005	mg/Kg	1	10/09/25	PS	SW8260D
xylenes, total	ND	0.005	0.005	mg/Kg	1	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	101			%	1	10/09/25	PS	70 - 130 %
% Dibromofluoromethane	100			%	1	10/09/25	PS	70 - 130 %
% Toluene-d8	100			%	1	10/09/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251002 LL

Phoenix I.D.: CU41633

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Sample received was a solid, bulk, or caulk matrix; dry weight is assumed.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	HB	10/02/25	
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41634

Project ID: 22003-0092
Client ID: FB-20251002

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
PFAS (40) by EPA 1633, Water										
11Cl-PF3OUdS	ND		7.65	1.20	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		7.65	1.10	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		7.65	2.04	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		7.65	2.08	ng/L	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		9.56	2.47	ng/L	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		47.8	9.66	ng/L	1	10/10/25		EPA 1633A	C
7:3FTCA	ND		47.8	10.5	ng/L	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		7.65	1.43	ng/L	1	10/10/25		EPA 1633A	C
ADONA	ND		7.65	2.84	ng/L	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		7.65	3.78	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSA	ND		1.91	0.172	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		1.91	0.707	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		19.1	4.90	ng/L	1	10/10/25		EPA 1633A	C
NFDHA	ND		3.82	1.43	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		1.91	0.220	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		1.91	0.746	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		19.1	5.68	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		1.91	0.402	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		1.91	0.373	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	0.729	J	1.91	0.679	ng/L	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		1.91	0.698	ng/L	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		1.91	0.688	ng/L	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		1.91	0.468	ng/L	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		1.91	0.382	ng/L	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		1.91	0.507	ng/L	1	10/10/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: FB-20251002

Phoenix I.D.: CU41634

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.91	0.115	ng/L	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.91	0.602	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.65	2.40	ng/L	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.91	0.526	ng/L	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.91	0.220	ng/L	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.91	0.507	ng/L	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.91	0.134	ng/L	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.91	0.593	ng/L	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.82	1.13	ng/L	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.91	0.354	ng/L	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.91	0.545	ng/L	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.91	0.430	ng/L	1	10/10/25		EPA 1633A	C
PFEESA	ND	3.82	1.29	ng/L	1	10/10/25		EPA 1633A	C
PFMBA	ND	3.82	1.15	ng/L	1	10/10/25		EPA 1633A	C
PFMPA	ND	3.82	1.22	ng/L	1	10/10/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	55.6			%	1	10/10/25		40 - 170 %	C
% M2-6:2FTS	89.4			%	1	10/10/25		40 - 200 %	C
% M2-8:2FTS	71.0			%	1	10/10/25		40 - 300 %	C
% M2PFTeDA	18.9			%	1	10/10/25		10 - 130 %	C
% M3PFBS	87.5			%	1	10/10/25		40 - 135 %	C
% M3PFHxS	80.2			%	1	10/10/25		40 - 130 %	C
% M4PFHpA	83.0			%	1	10/10/25		40 - 130 %	C
% M5PFHxA	93.5			%	1	10/10/25		40 - 130 %	C
% M5PFPeA	85.0			%	1	10/10/25		40 - 130 %	C
% M6PFDA	70.1			%	1	10/10/25		40 - 130 %	C
% M7PFUdA	61.5			%	1	10/10/25		30 - 130 %	C
% M8FOSA	65.0			%	1	10/10/25		40 - 130 %	C
% M8PFOA	83.2			%	1	10/10/25		40 - 130 %	C
% M8PFOS	74.2			%	1	10/10/25		40 - 130 %	C
% M9PFNA	78.7			%	1	10/10/25		40 - 130 %	C
% MPFBA	90.0			%	1	10/10/25		5 - 130 %	C
% MPFDoA	45.0			%	1	10/10/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	48.0			%	1	10/10/25		25 - 135 %	C
% d7-N-MeFOSE	67.1			%	1	10/10/25		10 - 130 %	C
% d9-N-EtFOSE	66.5			%	1	10/10/25		10 - 130 %	C
% d-N-EtFOSA	28.2			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	30.6			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	90.6			%	1	10/10/25		40 - 200 %	C
% M3HFPO-DA	73.0			%	1	10/10/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: FB-20251002

Phoenix I.D.: CU41634

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	HB	10/02/25	8:30
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41635

Project ID: 22003-0092
Client ID: EB-20251002

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed						10/09/25		EPA 1633A	C
Extraction for 1,4-Dioxane	Completed						10/07/25	A/A	SW8270ESIM	1
Semivolatiles, 8270 Water										
1,4-dioxane	ND		0.20	0.20	ug/l	1	10/09/25	AW	SW8270ESIM	1
QA/QC Surrogates										
% 1,4-dioxane-d8	92				%	1	10/09/25	AW	70 - 130 %	
PFAS (40) by EPA 1633, Water										
11Cl-PF3OUdS	ND		7.47	1.18	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		7.47	1.07	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		7.47	2.00	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		7.47	2.04	ng/L	1	10/10/25		EPA 1633A	C
3:3FTCA	ND		9.34	2.41	ng/L	1	10/10/25		EPA 1633A	C
5:3FTCA	ND		46.7	9.43	ng/L	1	10/10/25		EPA 1633A	C
7:3FTCA	ND		46.7	10.3	ng/L	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND		7.47	1.40	ng/L	1	10/10/25		EPA 1633A	C
ADONA	ND		7.47	2.77	ng/L	1	10/10/25		EPA 1633A	C
HFPO-DA	ND		7.47	3.69	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSA	0.176	J	1.87	0.168	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND		1.87	0.691	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSE	ND		18.7	4.79	ng/L	1	10/10/25		EPA 1633A	C
NFDHA	ND		3.73	1.40	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSA	ND		1.87	0.215	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND		1.87	0.728	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSE	ND		18.7	5.54	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		1.87	0.392	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		1.87	0.364	ng/L	1	10/10/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: EB-20251002

Phoenix I.D.: CU41635

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.87	0.663	ng/L	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.87	0.682	ng/L	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.87	0.672	ng/L	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.87	0.457	ng/L	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.87	0.373	ng/L	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.87	0.495	ng/L	1	10/10/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.87	0.112	ng/L	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.87	0.588	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.47	2.34	ng/L	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.87	0.513	ng/L	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.87	0.215	ng/L	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.87	0.495	ng/L	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.87	0.131	ng/L	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	0.579	ng/L	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.73	1.10	ng/L	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.87	0.345	ng/L	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.87	0.532	ng/L	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.87	0.420	ng/L	1	10/10/25		EPA 1633A	C
PFEESA	ND	3.73	1.26	ng/L	1	10/10/25		EPA 1633A	C
PFMBA	ND	3.73	1.12	ng/L	1	10/10/25		EPA 1633A	C
PFMPA	ND	3.73	1.19	ng/L	1	10/10/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	63.4			%	1	10/10/25		40 - 170 %	C
% M2-6:2FTS	81.7			%	1	10/10/25		40 - 200 %	C
% M2-8:2FTS	72.0			%	1	10/10/25		40 - 300 %	C
% M2PFTeDA	38.6			%	1	10/10/25		10 - 130 %	C
% M3PFBS	82.4			%	1	10/10/25		40 - 135 %	C
% M3PFHxS	78.6			%	1	10/10/25		40 - 130 %	C
% M4PFHpA	76.9			%	1	10/10/25		40 - 130 %	C
% M5PFHxA	83.4			%	1	10/10/25		40 - 130 %	C
% M5PFPeA	80.2			%	1	10/10/25		40 - 130 %	C
% M6PFDA	78.9			%	1	10/10/25		40 - 130 %	C
% M7PFUdA	73.4			%	1	10/10/25		30 - 130 %	C
% M8FOSA	64.8			%	1	10/10/25		40 - 130 %	C
% M8PFOA	77.5			%	1	10/10/25		40 - 130 %	C
% M8PFOS	76.8			%	1	10/10/25		40 - 130 %	C
% M9PFNA	80.2			%	1	10/10/25		40 - 130 %	C
% MPFBA	89.5			%	1	10/10/25		5 - 130 %	C
% MPFDoA	59.3			%	1	10/10/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	60.2			%	1	10/10/25		25 - 135 %	C
% d7-N-MeFOSE	67.6			%	1	10/10/25		10 - 130 %	C
% d9-N-EtFOSE	67.6			%	1	10/10/25		10 - 130 %	C
% d-N-EtFOSA	32.9			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	34.9			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	83.6			%	1	10/10/25		40 - 200 %	C
% M3HFPO-DA	74.7			%	1	10/10/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: EB-20251002

Phoenix I.D.: CU41635

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
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NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/02/25	
Location Code:	GALLAGHER	Received by:	KD1	10/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU41609
Phoenix ID: CU41636

Project ID: 22003-0092
Client ID: TB HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatile Library Search Top 10	Completed					10/10/25	JLI	
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,1-dichloroethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,1-dichloroethylene	ND	0.25	0.055	mg/Kg	50	10/09/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,2-dibromoethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,2-dichloroethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,2-dichloropropane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
1,4-dioxane	ND	3.8	2	mg/Kg	50	10/09/25	PS	SW8260D
2-butanone (MEK)	ND	1.5	0.25	mg/Kg	50	10/09/25	PS	SW8260D
2-hexanone	ND	1.3	0.25	mg/Kg	50	10/09/25	PS	SW8260D
4-methyl-2-pentanone	ND	1.3	0.25	mg/Kg	50	10/09/25	PS	SW8260D
acetone	ND	2.5	0.25	mg/Kg	50	10/09/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB HL

Phoenix I.D.: CU41636

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
acrolein	ND	0.25	0.13	mg/Kg	50	10/09/25	PS	SW8260D
acrylonitrile	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
benzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
bromochloromethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
bromodichloromethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
Bromoform	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
bromomethane	ND	0.25	0.1	mg/Kg	50	10/09/25	PS	SW8260D
carbon disulfide	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
carbon tetrachloride	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
chlorobenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
chloroethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
chloroform	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
chloromethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
cyclohexane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
dibromochloromethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
dibromomethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
dichlorodifluoromethane	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
ethyl benzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
hexachlorobutadiene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
isopropylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
methyl acetate	ND	2.5	2.5	mg/Kg	50	10/09/25	PS	SW8260D
methyl tert-butyl ether	ND	0.5	0.05	mg/Kg	50	10/09/25	PS	SW8260D
methylcyclohexane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
methylene chloride	ND	1.3	0.25	mg/Kg	50	10/09/25	PS	SW8260D
n-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
n-propylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
o-xylene	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
p- & m- xylenes	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
p-isopropyltoluene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
sec-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
styrene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
tert-butyl alcohol	ND	2.5	1	mg/Kg	50	10/09/25	PS	SW8260D
tert-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
tetrachloroethylene	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
toluene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
trichloroethylene	ND	0.25	0.025	mg/Kg	50	10/09/25	PS	SW8260D
trichlorofluoromethane	ND	0.25	0.05	mg/Kg	50	10/09/25	PS	SW8260D
vinyl chloride	ND	0.21	0.025	mg/Kg	50	10/09/25	PS	SW8260D
xylenes, total	ND	0.25	0.25	mg/Kg	50	10/09/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	50	10/09/25	PS	70 - 130 %
% Bromofluorobenzene	102			%	50	10/09/25	PS	70 - 130 %
% Dibromofluoromethane	102			%	50	10/09/25	PS	70 - 130 %
% Toluene-d8	99			%	50	10/09/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: TB HL

Phoenix I.D.: CU41636

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Sample received was a solid, bulk, or caulk matrix; dry weight is assumed.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Sarah Bell, Project Manager

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-07 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41609

Sample wt/vol: 4.21 (g/mL) g Lab File ID: 1009_13.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 13 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-07 10-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41610

Sample wt/vol: 6.3 (g/mL) g Lab File ID: 1009_14.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 12 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-08 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41611

Sample wt/vol: 4.29 (g/mL) g Lab File ID: 1009_15.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 14 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-08 8-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41612

Sample wt/vol: 6.42 (g/mL) g Lab File ID: 1009_16.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 12 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-08 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41613

Sample wt/vol: 6.99 (g/mL) g Lab File ID: 1009_17.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 14 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000115-11-7	1-Propene, 2-methyl-	1.274	4.4	JN

FORM I VOA-TIC

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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-09 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41614

Sample wt/vol: 4.84 (g/mL) g Lab File ID: 1009_18.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 24 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU41615 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water): Soil Lab Sample ID: CU41615 BLK

Sample wt/vol: 5 (g/mL) g Lab File ID: 1009_10.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec.: n.a. Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-09 10-12.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41615

Sample wt/vol: 6.05 (g/mL) g Lab File ID: 1009_20.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-09 12.5-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41616

Sample wt/vol: 5.26 (g/mL) g Lab File ID: 1009_21.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 11 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-10 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41617

Sample wt/vol: 4.69 (g/mL) g Lab File ID: 1009_22.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 12 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-10 5-7

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41618

Sample wt/vol: 5.35 (g/mL) g Lab File ID: 1009_23.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-10 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41619

Sample wt/vol: 5.58 (g/mL) g Lab File ID: 1009_24.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 5 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-11 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41620

Sample wt/vol: 4.17 (g/mL) g Lab File ID: 1009_25.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 19 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-11 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41621

Sample wt/vol: 5.76 (g/mL) g Lab File ID: 1009_26.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 12 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-11 13-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41622

Sample wt/vol: 5.67 (g/mL) g Lab File ID: 1009_27.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-12 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41623

Sample wt/vol: 3.78 (g/mL) g Lab File ID: 1009_28.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 26 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-12 4-6

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41624

Sample wt/vol: 4.34 (g/mL) g Lab File ID: 1009_29.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 17 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
001120-21-4	Undecane	6.886	33	JN

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-12 8-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41625

Sample wt/vol: 5.12 (g/mL) g Lab File ID: 1009_30.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU41626 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water) Soil Lab Sample ID: CU41626 BLK

Sample wt/vol: 5 (g/mL) g Lab File ID: 1009R24.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. n.a. Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-13 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41626

Sample wt/vol: 3.84 (g/mL) g Lab File ID: 1009R29.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 15 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-13 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41627

Sample wt/vol: 4.36 (g/mL) g Lab File ID: 1009R32.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
91-20-3	Naphthalene	9.132	2.9	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-13 8-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41628

Sample wt/vol: 4.77 (g/mL) g Lab File ID: 1009R33.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-14 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41629

Sample wt/vol: 3.74 (g/mL) g Lab File ID: 1009R34.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-14 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41630

Sample wt/vol: 4.53 (g/mL) g Lab File ID: 1009R35.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 6 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-14 10-12.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41631

Sample wt/vol: 5.41 (g/mL) g Lab File ID: 1009R36.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 9 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB-20251002 LL

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41633

Sample wt/vol: 5 (g/mL) g Lab File ID: 1009_12.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec.: 0 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB HL

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water) SOIL Lab Sample ID: CU41636

Sample wt/vol: 10 (g/mL) g Lab File ID: 1009_11.D

Level: (low/med) Meth Date Received: 10/03/25

% Moisture: not dec. 0 Date Analyzed: 10/09/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 50

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 100

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-07 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU41609

Matrix:(soil/water): SOIL | Lab Sample ID: CU41609

Sample wt/vol: 15.18 (g/mL) g | Lab File ID: 1014_17.D

Level: (low/med): Low | Date Received: 10/03/25

% Moisture: not dec. 13 | decanted:(Y/N) NA | Date Extracted: 10/14/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 10 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.584	2400	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.332	750	JNC
000610-48-0	Anthracene, 1-methyl-	7.989	430	JN
000057-10-3	n-Hexadecanoic acid	8.030	640	JN
1000309-12-5	Sulfurous acid, 2-propyl tetradecy	11.861	340	JN
000205-82-3	Benzo[j]fluoranthene	13.166	440	JN
000198-55-0	Perylene	13.648	870	JN
000629-94-7	Heneicosane	16.291	470	JN
000215-58-7	Benzo[b]triphenylene	16.891	320	JN
000083-47-6	.gamma.-Sitosterol	17.843	600	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-07 10-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41610

Sample wt/vol: 15.11 (g/mL) g Lab File ID: 1014_16.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 12 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.584	2500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.332	870	JNC
000112-88-9	1-Octadecene	7.419	630	JN
000057-10-3	n-Hexadecanoic acid	8.030	300	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-08 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water) SOIL Lab Sample ID: CU41611

Sample wt/vol: 15.1 (g/mL) g Lab File ID: 1014_18.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 14 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.584	2500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.332	840	JNC
002437-56-1	1-Tridecene	7.419	730	JN
002531-84-2	Phenanthrene, 2-methyl-	7.995	770	JN
000057-10-3	n-Hexadecanoic acid	8.030	1800	JN
000203-64-5	4H-Cyclopenta[def]phenanthrene	8.095	830	JN
000057-11-4	Octadecanoic acid	8.771	570	JN
	unknown hydrocarbon	10.287	4300	J
	unknown hydrocarbon	10.357	3500	J
000198-55-0	Perylene	13.177	860	JN
	Perylene Isomer	13.665	1400	JN
000198-55-0	Perylene	14.059	490	JN
000646-31-1	Tetracosane	16.309	1200	JN
007225-64-1	Heptadecane, 9-octyl-	17.719	460	JN
000083-47-6	.gamma.-Sitosterol	17.843	1400	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-08 8-10

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU4160

Matrix:(soil/water): SOIL | Lab Sample ID: CU41612

Sample wt/vol: 15.47 (g/mL) g | Lab File ID: 1014_17.D

Level: (low/med): Low | Date Received: 10/03/25

% Moisture: not dec. 12 | decanted:(Y/N) NA | Date Extracted: 10/14/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	1900	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1200	JNC
1000130-97-9	E-15-Heptadecenal	6.596	650	JN
001599-67-3	1-Docosene	8.006	730	JN

FORM I SEMIVOA-TIC

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C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-08 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41613

Sample wt/vol: 15.22 (g/mL) g Lab File ID: 1014_18.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 14 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	2100	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1300	JNC
000112-88-9	1-Octadecene	6.596	660	JN
001599-67-3	1-Docosene	8.006	710	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-09 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41614

Sample wt/vol: 15.19 (g/mL) g Lab File ID: 1014_24.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 24 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	2500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1600	JNC
000112-88-9	1-Octadecene	6.596	800	JN
000057-10-3	n-Hexadecanoic acid	7.213	1300	JN
018435-45-5	1-Nonadecene	8.012	640	JN
000192-97-2	Benzo[e]pyrene	11.255	570	JN
000630-03-5	Nonacosane	13.323	1100	JN
001058-61-3	Stigmast-4-en-3-one	16.925	530	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-09 10-12.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41615

Sample wt/vol: 15.36 (g/mL) g Lab File ID: 1014_14.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1100	JNC
1000130-97-9	E-15-Heptadecenal	6.596	580	JN
001599-67-3	1-Docosene	8.006	670	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-09 12.5-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41616

Sample wt/vol: 15.1 (g/mL) g Lab File ID: 1014_19.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 11 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1200	JNC
000112-88-9	1-Octadecene	6.596	630	JN
018435-45-5	1-Nonadecene	8.006	700	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-10 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41617

Sample wt/vol: 15.21 (g/mL) g Lab File ID: 1014_25.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 12 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	2000	JNA
000486-25-9	9H-Fluoren-9-one	6.496	560	JN
002531-84-2	Phenanthrene, 2-methyl-	7.107	540	JN
000832-69-9	Phenanthrene, 1-methyl-	7.131	720	JN
000203-64-5	4H-Cyclopenta[def]phenanthrene	7.195	830	JN
000613-12-7	Anthracene, 2-methyl-	7.219	910	JN
035465-71-5	2-Phenylnaphthalene	7.377	600	JN
000084-65-1	9,10-Anthracenedione	7.389	640	JN
005737-13-3	Cyclopenta(def)phenanthrenone	7.659	720	JN
000207-08-9	Benzo[k]fluoranthene	10.944	800	JN
000192-97-2	Benzo[e]pyrene	11.285	2400	JN
000215-58-7	Benzo[b]triphenylene	13.876	1000	JN
005385-75-1	Dibenz(a,e)aceanthrylene	17.442	1000	JN
000192-65-4	1,2:4,5-Dibenzopyrene	17.530	650	JN
000191-07-1	Coronene	17.965	730	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-10 5-7

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41618

Sample wt/vol: 15.34 (g/mL) g Lab File ID: 1014_20.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/14/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/14/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	1800	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1300	JNC
1000130-97-9	E-15-Heptadecenal	6.596	640	JN
001599-67-3	1-Docosene	8.006	680	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-10 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41619

Sample wt/vol: 15.01 (g/mL) g Lab File ID: 1014_21.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	1600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1200	JNC
007206-19-1	3-Octadecene, (E)-	6.596	670	JN
001599-67-3	1-Docosene	8.006	700	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-11 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41620

Sample wt/vol: 15.29 (g/mL) g Lab File ID: 1014_23.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 19 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	2100	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1300	JNC
000112-88-9	1-Octadecene	6.596	730	JN
000057-10-3	n-Hexadecanoic acid	7.213	980	JN
001599-67-3	1-Docosene	8.006	630	JN
	unknown hydrocarbon	9.334	330	J
	unknown hydrocarbon	9.393	520	J
056554-90-6	13-Octadecenal	10.985	360	JN
007390-81-0	Oxirane, hexadecyl-	12.718	350	JN
000630-04-6	Hentriacontane	13.323	1200	JN
	Oxirane, hexadecyl- Isomer	14.992	440	JN
000112-95-8	Eicosane	15.703	400	JN
000083-47-6	.gamma.-Sitosterol	15.856	480	JN
001058-61-3	Stigmast-4-en-3-one	16.925	840	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-11 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41621

Sample wt/vol: 15.12 (g/mL) g Lab File ID: 1014_22.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 12 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.866	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.509	1300	JNC
1000130-97-9	E-15-Heptadecenal	6.596	670	JN
001599-67-3	1-Docosene	8.006	740	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-11 13-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41622

Sample wt/vol: 15.07 (g/mL) g Lab File ID: 1015_10.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.854	6700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	790	JNC
000112-88-9	1-Octadecene	6.578	420	JN
018435-45-5	1-Nonadecene	7.994	450	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-12 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water) SOIL Lab Sample ID: CU41623

Sample wt/vol: 15.37 (g/mL) g Lab File ID: 1015_11.D

Level: (low/med) Low Date Received: 10/03/25

% Moisture: not dec. 26 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.854	5600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	930	JNC
	unknown hydrocarbon	6.443	910	J
000057-10-3	n-Hexadecanoic acid	7.201	1200	JN
	unknown hydrocarbon	7.830	430	J
000297-03-0	Cyclotetracosane	10.133	860	JN
	Cyclotetracosane Isomer	11.531	1500	JN
014811-95-1	1,19-Eicosadiene	12.683	430	JN
000630-03-5	Nonacosane	13.300	2400	JN
000059-02-9	Vitamin E	13.553	1900	JN
	unknown hydrocarbon	15.433	2100	J
	unknown hydrocarbon	15.703	8700	J
	unknown hydrocarbon	16.285	3000	J
001058-61-3	Stigmast-4-en-3-one	16.919	2100	JNA
	unknown hydrocarbon	17.489	1500	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-12 4-6

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41624

Sample wt/vol: 15.42 (g/mL) g Lab File ID: 1015_12.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 17 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.848	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	1300	JNC
000629-73-2	1-Hexadecene	6.578	400	JN
000057-10-3	n-Hexadecanoic acid	7.195	480	JN
001599-67-3	1-Docosene	7.994	360	JN
000192-97-2	Benzo[e]pyrene	11.232	410	JN
000629-92-5	Nonadecane	13.276	410	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-12 8-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41625

Sample wt/vol: 15.35 (g/mL) g Lab File ID: 1015_13.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.854	3500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	680	JNC
000112-88-9	1-Octadecene	6.578	360	JN
001599-67-3	1-Docosene	7.994	370	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-13 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41626

Sample wt/vol: 15.35 (g/mL) g Lab File ID: 1015_07.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 15 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.854	4300	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	840	JNC
000112-88-9	1-Octadecene	6.578	370	JN
000832-69-9	Phenanthrene, 1-methyl-	7.107	310	JN
	unknown hydrocarbon	7.172	440	J
000057-10-3	n-Hexadecanoic acid	7.195	760	JN
005737-13-3	Cyclopenta(def)phenanthrenone	7.630	310	JN
	unknown hydrocarbon	7.824	330	J
000192-97-2	Benzo[e]pyrene	11.220	980	JN
000630-03-5	Nonacosane	13.271	770	JN
000189-64-0	3,4:8,9-Dibenzopyrene	17.483	500	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-13 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41627

Sample wt/vol: 15.13 (g/mL) g Lab File ID: 1015_14.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.848	2900	JNA
1000130-97-9	E-15-Heptadecenal	6.584	300	JN
002531-84-2	Phenanthrene, 2-methyl-	7.089	330	JN
000832-69-9	Phenanthrene, 1-methyl-	7.113	450	JN
	unknown hydrocarbon	7.183	510	J
	unknown hydrocarbon	7.201	500	J
001576-67-6	Phenanthrene, 3,6-dimethyl-	7.577	320	JN
000238-84-6	11H-Benzo[a]fluorene	8.194	380	JN
000192-97-2	Benzo[e]pyrene	10.908	320	JN
000207-08-9	Benzo[k]fluoranthene	11.243	960	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-13 8-10

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41628

Sample wt/vol: 15.28 (g/mL) g Lab File ID: 1015_15.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.854	2800	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	820	JNC
018435-45-5	1-Nonadecene	6.578	410	JN
001599-67-3	1-Docosene	7.994	430	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-14 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41629

Sample wt/vol: 15.26 (g/mL) g Lab File ID: 1015_16.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.854	5300	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	1300	JNC
1000333-19-5	cis-9-Hexadecenoic acid	7.166	640	JN
000057-10-3	n-Hexadecanoic acid	7.207	860	JN
001599-67-3	1-Docosene	10.150	560	JN
067860-04-2	Oxirane, heptadecyl-	10.961	640	JN
000192-97-2	Benzo[e]pyrene	11.237	540	JN
014811-95-1	1,19-Eicosadiene	12.695	1100	JN
000593-45-3	Octadecane	13.306	3200	JN
1000351-79-2	1-Octacosanol	13.517	590	JN
000638-66-4	Octadecanal	14.963	400	JN
	unknown hydrocarbon	15.668	1000	J
001058-61-3	Stigmast-4-en-3-one	16.919	1300	JNA
	unknown hydrocarbon	17.419	510	J
075207-55-5	2-Tritriacontanone	17.495	410	JNA

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-14 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4160

Matrix:(soil/water): SOIL Lab Sample ID: CU41630

Sample wt/vol: 15.31 (g/mL) g Lab File ID: 1015_17.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.860	12000	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	650	JNC
1000130-97-9	E-15-Heptadecenal	6.584	310	JN
001599-67-3	1-Docosene	7.994	340	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-14 10-12.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU41609

Matrix:(soil/water): SOIL Lab Sample ID: CU41631

Sample wt/vol: 15.43 (g/mL) g Lab File ID: 1015_18.D

Level: (low/med): Low Date Received: 10/03/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.860	8400	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	5.491	590	JNC
000112-88-9	1-Octadecene	6.584	300	JN
001599-67-3	1-Docosene	7.994	340	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 807404 (mg/kg), QC Sample No: CU41401 (CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.40	<0.39	NC	98.7						90 - 110	30	
Chromium, Hexavalent (Ins)						100			86.4			90 - 110	30	
Chromium, Hexavalent (Sol)						95.5			41.9			90 - 110	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.														
QA/QC Batch 806676 (mg/kg), QC Sample No: CU41615 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.38	<0.38	NC	98.4						90 - 110	30	
Chromium, Hexavalent (Ins)						91.7			90.1			90 - 110	30	
Chromium, Hexavalent (Sol)						97.6			92.8			90 - 110	30	
QA/QC Batch 807648 (mg/kg), QC Sample No: CU42463 (CU41631)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.41	<0.41	NC	101						90 - 110	30	
Chromium, Hexavalent (Ins)						99.0			101			90 - 110	30	
Chromium, Hexavalent (Sol)						91.3			83.0			90 - 110	30	m
QA/QC Batch 807144 (mg/kg), QC Sample No: CU41611 (CU41611, CU41612, CU41613, CU41614, CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)														
Mercury - Soil	BRL	0.02	1.95 N, *	3.03	43.4	111	112	0.9				75 - 125	30	r
Comment:														
This batch conists of a blank, duplicate, LCS, LCSD														
QA/QC Batch 807143 (mg/kg), QC Sample No: CU41615 (CU41609, CU41610, CU41615)														
Mercury - Soil	BRL	0.03	0.04	0.05	NC	102	111	8.5	107	110	2.8	75 - 125	30	
QA/QC Batch 806559 (mg/kg), QC Sample No: CU41615 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615, CU41616)														
ICP Metals - Soil														
Aluminum	BRL	5.0	14600	15000	2.70	97.8	101	3.2	NC	NC	NC	80 - 120	30	
Antimony	BRL	3.3	BRL N	<3.6	NC	87.6	92.1	5.0	71.9	73.7	2.5	70 - 130	30	m
Arsenic	BRL	0.67	5.32	5.42	1.90	94.5	99.2	4.9	87.4	89.6	2.5	80 - 120	30	
Barium	BRL	0.33	55.8	55.6	0.40	93.0	103	10.2	114	114	0.0	80 - 120	30	
Beryllium	BRL	0.27	0.79	0.79	NC	95.2	103	7.9	94.7	96.7	2.1	80 - 120	30	
Cadmium	BRL	0.33	0.60	0.56	NC	87.8	99.3	12.3	94.5	96.3	1.9	80 - 120	30	
Calcium	BRL	5.0	2080	1970	5.40	96.2	102	5.9	NC	NC	NC	80 - 120	30	
Chromium	BRL	0.33	21.3	22.5	5.50	95.6	101	5.5	97.6	97.8	0.2	80 - 120	30	
Cobalt	BRL	0.33	13.4	13.7	2.20	98.5	104	5.4	94.2	95.7	1.6	80 - 120	30	
Copper	BRL	0.67	41.3	36.6	12.1	93.9	99.1	5.4	91.9	93.7	1.9	80 - 120	30	
Iron	BRL	5.0	33000	34200	3.60	101	103	2.0	NC	NC	NC	80 - 120	30	
Lead	BRL	0.33	18.3	21.9	17.9	92.4	98.7	6.6	93.5	118	23.2	80 - 120	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Magnesium	BRL	5.0	5500	5780	5.00	98.3	98.5	0.2	NC	NC	NC	80 - 120	30	
Manganese	BRL	0.33	852 *	583	37.5	94.0	101	7.2	NC	NC	NC	80 - 120	30	r
Nickel	BRL	0.33	30.5	30.4	0.30	95.2	102	6.9	92.8	93.4	0.6	80 - 120	30	
Potassium	BRL	5.0	1630 N	1740	6.50	94.0	97.6	3.8	>130	>130	NC	80 - 120	30	m
Selenium	BRL	1.3	<1.3	<1.4	NC	85.1	90.7	6.4	76.6	78.3	2.2	80 - 120	30	
Silver	BRL	0.33	<0.33	<0.36	NC	101	105	3.9	92.5	94.5	2.1	70 - 130	30	
Sodium	BRL	5.0	118	126	6.60	93.8	101	7.4	114	110	3.6	80 - 120	30	
Thallium	BRL	3.0	<1.3	<3.3	NC	85.8	97.2	12.5	92.0	93.9	2.0	80 - 120	30	
Vanadium	BRL	0.33	23.4	25.2	7.40	94.6	99.7	5.2	101	101	0.0	80 - 120	30	
Zinc	BRL	0.67	105	99.4	5.50	91.5	96.0	4.8	88.9	86.8	2.4	80 - 120	30	

QA/QC Batch 806560 (mg/kg), QC Sample No: CU41617 (CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)

ICP Metals - Soil

Aluminum	BRL	5.0	14400	14700	2.10	106	109	2.8	NC			80 - 120	30	
Antimony	BRL	3.3	<3.8	<3.7	NC	91.0	94.2	3.5	79.7			70 - 130	30	
Arsenic	BRL	0.67	9.01	8.93	0.90	98.4	99.3	0.9	84.6			80 - 120	30	
Barium	BRL	0.33	595 *	422	34.0	102	103	1.0	NC			80 - 120	30	r
Beryllium	BRL	0.27	0.58	0.59	NC	104	103	1.0	93.5			80 - 120	30	
Cadmium	BRL	0.33	1.17	1.08	NC	90.3	94.3	4.3	85.7			80 - 120	30	
Calcium	BRL	5.0	21200	19200	9.90	104	104	0.0	NC			80 - 120	30	
Chromium	BRL	0.33	20.5	20.6	0.50	101	102	1.0	91.5			80 - 120	30	
Cobalt	BRL	0.33	9.23	9.09	1.50	103	104	1.0	89.4			80 - 120	30	
Copper	BRL	0.75	43.1	43.3	0.50	106	107	0.9	93.7			80 - 120	30	
Iron	BRL	5.0	24100	24200	0.40	103	105	1.9	NC			80 - 120	30	
Lead	BRL	0.33	3170 *	2110	40.2	93.2	93.5	0.3	NC			80 - 120	30	r
Magnesium	BRL	5.0	6070	5730	5.80	96.4	99.0	2.7	NC			80 - 120	30	
Manganese	BRL	0.33	567 N	561	1.10	108	111	2.7	38.3			80 - 120	30	m
Nickel	BRL	0.33	20.2	20.5	1.50	101	101	0.0	88.5			80 - 120	30	
Potassium	BRL	5.0	1520 N	1570	3.20	99.6	101	1.4	>130			80 - 120	30	m
Selenium	BRL	1.3	BRL N	<1.5	NC	89.5	89.0	0.6	74.2			80 - 120	30	m
Silver	BRL	0.33	<0.38	<0.37	NC	103	104	1.0	93.1			70 - 130	30	
Sodium	BRL	5.0	176	135	26.4	117	115	1.7	84.6			80 - 120	30	
Thallium	BRL	3.0	<1.5	<3.4	NC	91.3	97.3	6.4	89.0			80 - 120	30	
Vanadium	BRL	0.33	24.3	24.8	2.00	101	102	1.0	94.4			80 - 120	30	
Zinc	BRL	0.67	529 N	493	7.00	94.6	94.8	0.2	2.40			80 - 120	30	m

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 807406 (mg/Kg), QC Sample No: CU41615 (CU41613, CU41614, CU41615, CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.55	<0.55	NC	101	102	1.0	99.0			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 807407 (mg/Kg), QC Sample No: CU42449 (CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.53	<0.53	NC	97.9	97.8	0.1	96.5			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 807151 (mg/Kg), QC Sample No: CU44286 (CU41609, CU41610, CU41611, CU41612)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.52	<0.52	NC	113	99.3	12.9	103			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 806581 (PH), QC Sample No: CU41177 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615, CU41616)													
pH			9.23	9.19	0.40	100						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 806582 (PH), QC Sample No: CU41617 (CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)													
pH			8.21	8.20	0.10	100						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													
QA/QC Batch 806583 (mV), QC Sample No: CU41617 (CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)													
Redox Potential			295	297	NC							75 - 125	30
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													

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NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 809499 (mg/Kg), QC Sample No: CU41609 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615, CU41616)											
PFOA & PFOS - Soil											
11Cl-PF3OUdS	ND	0.0008	105.	105.		116.	125.	6	45 - 160	20	
3:3FTCA	ND	0.001	80.1	77.8		74.7	74.2	2	45 - 130	20	
4:2FTS	ND	0.0008	109.	96.0		105.	127.	18	60 - 150	20	
5:3FTCA	ND	0.005	108.	114.		102.	100.	2	60 - 130	20	
6:2FTS	ND	0.0008	102.	101.		112.	123.	9	55 - 200	20	
7:3FTCA	ND	0.005	109.	113.		100.	99.3	2	60 - 150	20	
8:2FTS	ND	0.0008	105.	107.		113.	133.	15	70 - 150	20	
9Cl-PF3ONS	ND	0.0008	125.	129.		135.	145.	6	70 - 150	20	
ADONA	ND	0.0008	106.	100.		126.	131.	2	70 - 160	20	
FOSA	ND	0.0002	110.	106.		120.	131.	8	70 - 140	20	
HFPO-DA	ND	0.0008	111.	115.		133.	143.	7	70 - 145	20	
NEtFOSA	ND	0.0002	114.	109.		127.	148.	14	70 - 140	20	m
NEtFOSAA	ND	0.0002	96.7	94.1		110.	118.	6	65 - 165	20	
NEtFOSE	ND	0.002	104.	107.		116.	125.	6	70 - 135	20	
NFDHA	ND	0.0004	94.0	91.0		116.	114.	2	60 - 155	20	
NMeFOSA	ND	0.0002	106.	105.		116.	141.	18	70 - 155	20	
NMeFOSAA	ND	0.0002	99.7	103.		110.	126.	13	65 - 155	20	
NMeFOSE	ND	0.002	101.	104.		114.	126.	9	70 - 140	20	
PFBA	ND	0.0008	107.	114.		119.	130.	8	70 - 140	20	
PFBS	ND	0.0002	104.	106.		116.	125.	6	65 - 145	20	
PFDA	ND	0.0002	100.	103.		109.	124.	12	70 - 155	20	
PFDoA	ND	0.0002	104.	104.		111.	127.	12	70 - 150	20	
PFDoDS	ND	0.0002	94.2	87.0		108.	109.	0	25 - 160	20	
PFDS	ND	0.0002	101.	103.		113.	123.	7	40 - 155	20	
PFEESA	ND	0.0004	97.3	96.9		108.	119.	8	70 - 140	20	
PFHpA	ND	0.0002	94.3	97.8		105.	115.	8	65 - 145	20	
PFHpS	ND	0.0002	108.	111.		114.	122.	7	65 - 155	20	
PFHxA	ND	0.0002	94.9	95.0		103.	112.	8	65 - 140	20	
PFHxS	ND	0.0002	98.5	98.8		110.	125.	12	60 - 150	20	
PFMBA	ND	0.0004	118.	124.		130.	140.	6	60 - 150	20	
PFMPA	ND	0.0004	90.1	94.0		99.9	108.	7	30 - 140	20	
PFNA	ND	0.0002	99.4	101.		108.	124.	12	70 - 155	20	
PFNS	ND	0.0002	104.	106.		114.	125.	8	55 - 140	20	
PFOA	ND	0.0002	103.	106.		113.	126.	10	70 - 150	20	
PFOS	ND	0.0002	99.6	98.4		111.	120.	7	65 - 160	20	
PFPeA	ND	0.0004	92.4	91.1		101.	112.	9	60 - 150	20	
PFPeS	ND	0.0002	94.0	94.7		104.	118.	11	55 - 160	20	
PFTA	ND	0.0002	124.	132.		139.	153.	9	65 - 150	20	m
PFTrDA	ND	0.0002	99.3	97.0		107.	117.	7	65 - 150	20	
PFUnA	ND	0.0002	98.3	98.7		110.	121.	8	70 - 155	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% d3-N-MeFOSAA	93.0		94.0	90.4		79.9	50.1		40 - 135	20
% M2-4:2 FTS	95.4		100.	108.		96.6	60.0		40 - 165	20
% M2-6:2 FTS	88.5		103.	93.0		95.4	64.5		40 - 215	20
% M2-8:2 FTS	92.4		99.9	99.5		99.4	62.2		40 - 275	20
% M2PFTEDA	58.4		66.0	53.9		63.5	42.5		20 - 130	20
% M3HFPO-DA	80.9		89.6	89.7		76.4	55.2		40 - 130	20
% M3PFBS	90.8		107.	101.		97.2	66.6		40 - 135	20
% M3PFHxS	87.1		102.	93.1		95.8	63.7		40 - 130	20
% M4PFHpA	82.2		94.1	87.1		87.9	60.7		40 - 130	20
% M5PFHxA	98.6		108.	105.		99.4	69.0		40 - 130	20
% M5PFPEA	85.2		95.6	90.6		88.0	61.4		35 - 130	20
% M6PFDA	87.8		97.1	88.9		91.6	64.1		40 - 130	20
% M7PFUDA	90.2		99.1	93.7		96.9	66.8		40 - 130	20
% M8FOSA	94.8		98.1	96.4		88.7	61.3		40 - 130	20
% M8PFOA	85.3		95.2	90.0		91.6	62.5		40 - 130	20
% M8PFOS	88.8		99.3	90.7		92.4	65.4		40 - 130	20
% M9PFNA	91.5		101.	93.9		95.9	64.7		40 - 130	20
% MPFBA	85.7		87.5	85.4		88.3	88.0		8 - 130	20
% MPFDOA	79.3		87.0	80.2		84.8	56.9		40 - 130	20

Comment:

Sample CU41609 was not used for MS, batch results provided., LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809500 (mg/Kg), QC Sample No: CU41617 (CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)

PFOA & PFOS - Soil

11Cl-PF3OUdS	ND	0.0008	95.3	101.					45 - 160	20
3:3FTCA	ND	0.001	103.	106.					45 - 130	20
4:2FTS	ND	0.0008	105.	99.2					60 - 150	20
5:3FTCA	ND	0.005	100.	98.8					60 - 130	20
6:2FTS	ND	0.0008	107.	103.					55 - 200	20
7:3FTCA	ND	0.005	99.0	99.5					60 - 150	20
8:2FTS	ND	0.0008	102.	106.					70 - 150	20
9Cl-PF3ONS	ND	0.0008	106.	106.					70 - 150	20
ADONA	ND	0.0008	106.	106.					70 - 160	20
FOSA	ND	0.0002	107.	107.					70 - 140	20
HFPO-DA	ND	0.0008	99.8	97.8					70 - 145	20
NEtFOSA	ND	0.0002	107.	119.					70 - 140	20
NEtFOSAA	ND	0.0002	99.6	105.					65 - 165	20
NEtFOSE	ND	0.002	102.	102.					70 - 135	20
NFDHA	ND	0.0004	135.	102.					60 - 155	20
NMeFOSA	ND	0.0002	108.	118.					70 - 155	20
NMeFOSAA	ND	0.0002	99.2	97.1					65 - 155	20
NMeFOSE	ND	0.002	101.	101.					70 - 140	20
PFBA	ND	0.0008	102.	102.					70 - 140	20
PFBS	ND	0.0002	108.	94.5					65 - 145	20
PFDA	ND	0.0002	103.	102.					70 - 155	20
PFDoA	ND	0.0002	105.	101.					70 - 150	20
PFDoDS	ND	0.0002	78.2	84.5					25 - 160	20
PFDS	ND	0.0002	93.5	101.					40 - 155	20
PFEESA	ND	0.0004	109.	107.					70 - 140	20
PFHpA	ND	0.0002	102.	102.					65 - 145	20
PFHpS	ND	0.0002	101.	106.					65 - 155	20

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PFHxA	ND	0.0002	96.8	98.7					65 - 140	20
PFHxS	ND	0.0002	103.	103.					60 - 150	20
PFMBA	ND	0.0004	104.	106.					60 - 150	20
PFMPA	ND	0.0004	94.5	95.3					30 - 140	20
PFNA	ND	0.0002	99.3	100.					70 - 155	20
PFNS	ND	0.0002	90.2	97.0					55 - 140	20
PFOA	ND	0.0002	101.	101.					70 - 150	20
PFOS	ND	0.0002	94.2	98.0					65 - 160	20
PFPeA	ND	0.0004	105.	106.					60 - 150	20
PFPeS	ND	0.0002	104.	105.					55 - 160	20
PFTA	ND	0.0002	93.0	90.3					65 - 150	20
PFTrDA	ND	0.0002	114.	114.					65 - 150	20
PFUnA	ND	0.0002	103.	103.					70 - 155	20
% d3-N-MeFOSAA	79.5		90.9	92.6					40 - 135	20
% M2-4:2 FTS	95.8		104.	103.					40 - 165	20
% M2-6:2 FTS	92.3		101.	95.8					40 - 215	20
% M2-8:2 FTS	86.2		98.2	92.5					40 - 275	20
% M2PFTEDA	64.0		75.6	82.1					20 - 130	20
% M3HFPO-DA	84.5		95.4	94.3					40 - 130	20
% M3PFBS	87.0		99.5	99.7					40 - 135	20
% M3PFHxS	82.4		95.4	91.1					40 - 130	20
% M4PFHpA	83.3		93.3	94.3					40 - 130	20
% M5PFHxA	81.9		92.9	92.9					40 - 130	20
% M5PFPEA	83.5		94.2	93.5					35 - 130	20
% M6PFDA	84.7		94.0	93.4					40 - 130	20
% M7PFUDA	92.0		102.	103.					40 - 130	20
% M8FOSA	77.8		92.1	90.3					40 - 130	20
% M8PFOA	84.1		98.4	94.7					40 - 130	20
% M8PFOS	83.8		102.	96.9					40 - 130	20
% M9PFNA	82.4		91.3	95.5					40 - 130	20
% MPFBA	100.		100.	100.					8 - 130	20
% MPFDOA	72.6		80.0	84.8					40 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809498 (ng/L), QC Sample No: CU41634 (CU41634, CU41635)

PFOA & PFOS

11Cl-PF3OUdS	ND	8.00	111.	101.					55 - 160	20
3:3FTCA	ND	10.0	104.	95.8					65 - 130	20
4:2FTS	ND	8.00	114.	104.					70 - 145	20
5:3FTCA	ND	50.0	120.	112.					70 - 135	20
6:2FTS	ND	8.00	111.	106.					65 - 155	20
7:3FTCA	ND	50.0	101.	97.7					50 - 145	20
8:2FTS	ND	8.00	118.	106.					60 - 150	20
9Cl-PF3ONS	ND	8.00	130.	120.					70 - 155	20
ADONA	ND	8.00	129.	113.					65 - 145	20
FOSA	ND	2.00	122.	118.					70 - 145	20
HFPO-DA	ND	8.00	129.	116.					70 - 140	20
NEtFOSA	ND	2.00	121.	130.					65 - 145	20
NEtFOSAA	ND	2.00	102.	99.4					70 - 145	20
NEtFOSE	ND	20.0	111.	110.					70 - 135	20
NFDHA	ND	4.00	108.	103.					50 - 150	20

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
NMeFOSA	ND	2.00	110.	121.					60 - 150	20
NMeFOSAA	ND	2.00	108.	104.					50 - 140	20
NMeFOSE	ND	20.0	114.	111.					70 - 145	20
PFBA	ND	8.00	119.	113.					70 - 140	20
PFBS	ND	2.00	114.	114.					60 - 145	20
PFDA	ND	2.00	107.	99.6					70 - 140	20
PFDoA	ND	2.00	111.	105.					70 - 140	20
PFDoDS	ND	2.00	73.9	64.6					50 - 145	20
PFDS	ND	2.00	109.	100.					60 - 145	20
PFEESA	ND	4.00	107.	101.					70 - 140	20
PFHpA	ND	2.00	104.	98.6					70 - 145	20
PFHpS	ND	2.00	119.	117.					70 - 150	20
PFHxA	ND	2.00	109.	102.					70 - 145	20
PFHxS	ND	2.00	107.	103.					65 - 145	20
PFMBA	ND	4.00	129.	121.					60 - 150	20
PFMPA	ND	4.00	104.	99.0					55 - 140	20
PFNA	ND	2.00	108.	104.					70 - 150	20
PFNS	ND	2.00	115.	108.					65 - 145	20
PFOA	ND	2.00	116.	107.					70 - 150	20
PFOS	ND	2.00	109.	100.					55 - 150	20
PFPeA	ND	4.00	104.	98.0					65 - 135	20
PFPeS	ND	2.00	106.	103.					65 - 140	20
PFTA	ND	2.00	138.	132.					60 - 140	20
PFTrDA	ND	2.00	102.	89.9					65 - 140	20
PFUnA	ND	2.00	110.	104.					70 - 145	20
% d3-N-MeFOSAA	80.9		90.6	83.7					40 - 170	20
% d5-N-EtFOSAA	79.8		84.3	78.1					25 - 135	20
% M2-4:2 FTS	90.6		96.5	96.7					40 - 200	20
% M2-6:2 FTS	94.7		97.9	95.3					40 - 200	20
% M2-8:2 FTS	90.5		89.2	90.2					40 - 300	20
% M2PFTEDA	53.9		47.3	40.4					10 - 130	20
% M3HFPO-DA	77.2		77.1	79.0					40 - 130	20
% M3PFBS	90.3		96.4	89.3					40 - 135	20
% M3PFHxS	90.6		93.8	91.6					40 - 130	20
% M4PFHpA	86.5		91.3	86.8					40 - 130	20
% M5PFHxA	96.3		101.	96.2					40 - 130	20
% M5PFPEA	87.8		91.0	88.5					40 - 130	20
% M6PFDA	90.2		95.4	90.3					40 - 130	20
% M7PFUDA	90.0		96.8	91.8					30 - 130	20
% M8FOSA	74.6		81.3	78.0					40 - 130	20
% M8PFOA	87.9		92.1	88.9					40 - 130	20
% M8PFOS	88.2		93.8	94.4					40 - 130	20
% M9PFNA	90.2		97.2	90.6					40 - 130	20
% MPFBA	89.5		89.4	88.5					5 - 130	20
% MPFDOA	78.6		78.5	75.8					10 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 806867 (ug/l), QC Sample No: CU39153 (CU41635)

1,4dioxane - Water

1,4-dioxane (ISO)	ND	0.20	84	86	2.4				70 - 130	20
% 1,4-dioxane-d8 (ISO)	91	%	108	109	0.9				70 - 130	20

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 807328 (mg/Kg), QC Sample No: CU41615 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615, CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	0.13	78	77	1.3	69	52	28.1	40 - 140	30	
2,4,5-TP (Silvex)	ND	0.13	94	93	1.1	80	61	27.0	40 - 140	30	
2,4-D	ND	0.25	83	83	0.0	71	55	25.4	40 - 140	30	
2,4-DB	ND	2.5	81	80	1.2	69	48	35.9	40 - 140	30	r
Dalapon	ND	0.13	74	73	1.4	77	66	15.4	40 - 140	30	
Dicamba	ND	0.13	77	77	0.0	64	53	18.8	40 - 140	30	
Dichloroprop	ND	0.13	95	94	1.1	81	64	23.4	40 - 140	30	
Dinoseb	ND	0.13	96	93	3.2	83	67	21.3	40 - 140	30	
% DCAA (Surrogate Rec)	99	%	112	111	0.9	97	73	28.2	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	100	%	109	107	1.9	96	72	28.6	30 - 150	30	
QA/QC Batch 807534 (mg/Kg), QC Sample No: CU41626 (CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	0.13	83	90	8.1	63			40 - 140	30	
2,4,5-TP (Silvex)	ND	0.13	82	78	5.0	71			40 - 140	30	
2,4-D	ND	0.25	93	90	3.3	68			40 - 140	30	
2,4-DB	ND	2.5	84	82	2.4	66			40 - 140	30	
Dalapon	ND	0.13	83	76	8.8	48			40 - 140	30	
Dicamba	ND	0.13	79	75	5.2	54			40 - 140	30	
Dichloroprop	ND	0.13	103	94	9.1	97			40 - 140	30	
Dinoseb	ND	0.13	93	87	6.7	80			40 - 140	30	
% DCAA (Surrogate Rec)	76	%	103	99	4.0	84			30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	86	%	119	109	8.8	95			30 - 150	30	
Comment:											
There is no MSD to report for this batch.											
QA/QC Batch 808085 (mg/Kg), QC Sample No: CU41611 (CU41611, CU41612, CU41613, CU41614, CU41615)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	75	87	14.8	63	62	1.6	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	80	91	12.9	64	62	3.2	40 - 140	30	
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	86	%	89	103	14.6	72	69	4.3	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	84	%	86	99	14.1	68	66	3.0	30 - 150	30	
% TCMX (Surrogate Rec)	76	%	82	96	15.7	72	70	2.8	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	77	%	80	94	16.1	70	67	4.4	30 - 150	30	
QA/QC Batch 808268 (mg/Kg), QC Sample No: CU41625 (CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	78	81	3.8	57	67	16.1	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	83	82	1.2	59	69	15.6	40 - 140	30	
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	79	%	96	93	3.2	67	79	16.4	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	81	%	92	87	5.6	63	73	14.7	30 - 150	30	
% TCMX (Surrogate Rec)	76	%	93	90	3.3	67	77	13.9	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	75	%	91	84	8.0	62	72	14.9	30 - 150	30	
QA/QC Batch 808034 (mg/Kg), QC Sample No: CU48467 (CU41609, CU41610)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	76	84	10.0	86	68	23.4	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	81	89	9.4	90	66	30.8	40 - 140	30	r
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	93	%	90	102	12.5	105	68	42.8	30 - 150	30	r
% DCBP (Surrogate Rec) (Confirm	94	%	87	98	11.9	101	66	41.9	30 - 150	30	r
% TCMX (Surrogate Rec)	82	%	88	100	12.8	102	84	19.4	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	87	%	86	97	12.0	100	82	19.8	30 - 150	30	
QA/QC Batch 808086 (mg/Kg), QC Sample No: CU41611 (CU41611, CU41612, CU41613, CU41614, CU41615)											
Pesticides - Soil											
4,4' -DDD	ND	0.0017	78	68	13.7	63	63	0.0	40 - 140	30	
4,4' -DDE	ND	0.0017	78	69	12.2	75	72	4.1	40 - 140	30	
4,4' -DDT	ND	0.0017	78	70	10.8	106	101	4.8	40 - 140	30	
a-BHC	ND	0.001	73	67	8.6	58	56	3.5	40 - 140	30	
a-Chlordane	ND	0.0033	79	68	15.0	65	62	4.7	40 - 140	30	
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	0.001	73	65	11.6	58	55	5.3	40 - 140	30	
b-BHC	ND	0.001	89	80	10.7	74	70	5.6	40 - 140	30	
Chlordane	ND	0.033	88	77	13.3	67	60	11.0	40 - 140	30	
d-BHC	ND	0.0033	66	59	11.2	52	43	18.9	40 - 140	30	
Dieldrin	ND	0.001	75	67	11.3	61	59	3.3	40 - 140	30	
Endosulfan I	ND	0.0033	74	69	7.0	61	58	5.0	40 - 140	30	
Endosulfan II	ND	0.0033	83	75	10.1	65	64	1.6	40 - 140	30	
Endosulfan sulfate	ND	0.0033	79	70	12.1	64	62	3.2	40 - 140	30	
Endrin	ND	0.0033	84	75	11.3	67	64	4.6	40 - 140	30	
Endrin aldehyde	ND	0.0033	75	67	11.3	54	53	1.9	40 - 140	30	
Endrin ketone	ND	0.0033	82	73	11.6	68	67	1.5	40 - 140	30	
g-BHC	ND	0.001	79	71	10.7	65	65	0.0	40 - 140	30	
g-Chlordane	ND	0.0033	88	77	13.3	67	60	11.0	40 - 140	30	
Heptachlor	ND	0.0033	78	70	10.8	62	62	0.0	40 - 140	30	
Heptachlor epoxide	ND	0.0033	78	70	10.8	65	59	9.7	40 - 140	30	
Methoxychlor	ND	0.0033	79	70	12.1	70	69	1.4	40 - 140	30	
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	73	%	76	69	9.7	62	61	1.6	30 - 150	30	
% DCBP (Confirmation)	68	%	70	66	5.9	62	67	7.8	30 - 150	30	
% TCMX	67	%	70	64	9.0	59	56	5.2	30 - 150	30	
% TCMX (Confirmation)	64	%	66	62	6.3	56	56	0.0	30 - 150	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 808269 (mg/Kg), QC Sample No: CU41625 (CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)											
Pesticides - Soil											
4,4' -DDD	ND	0.0017	55	63	13.6	69	57	19.0	40 - 140	30	
4,4' -DDE	ND	0.0017	59	64	8.1	72	64	11.8	40 - 140	30	
4,4' -DDT	ND	0.0017	62	69	10.7	78	62	22.9	40 - 140	30	
a-BHC	ND	0.001	54	58	7.1	59	54	8.8	40 - 140	30	
a-Chlordane	ND	0.0033	64	70	9.0	78	72	8.0	40 - 140	30	
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	0.001	66	70	5.9	78	72	8.0	40 - 140	30	
b-BHC	ND	0.001	68	71	4.3	79	68	15.0	40 - 140	30	
Chlordane	ND	0.033	70	82	15.8	86	75	13.7	40 - 140	30	
d-BHC	ND	0.0033	48	52	8.0	44	37	17.3	40 - 140	30	
Dieldrin	ND	0.001	64	70	9.0	79	70	12.1	40 - 140	30	
Endosulfan I	ND	0.0033	70	73	4.2	77	57	29.9	40 - 140	30	
Endosulfan II	ND	0.0033	63	71	11.9	73	58	22.9	40 - 140	30	
Endosulfan sulfate	ND	0.0033	62	69	10.7	70	56	22.2	40 - 140	30	
Endrin	ND	0.0033	62	68	9.2	79	65	19.4	40 - 140	30	
Endrin aldehyde	ND	0.0033	65	73	11.6	67	49	31.0	40 - 140	30	r
Endrin ketone	ND	0.0033	68	73	7.1	83	71	15.6	40 - 140	30	
g-BHC	ND	0.001	69	74	7.0	77	69	11.0	40 - 140	30	
g-Chlordane	ND	0.0033	70	82	15.8	86	75	13.7	40 - 140	30	
Heptachlor	ND	0.0033	64	68	6.1	71	65	8.8	40 - 140	30	
Heptachlor epoxide	ND	0.0033	65	67	3.0	76	69	9.7	40 - 140	30	
Methoxychlor	ND	0.0033	54	61	12.2	63	55	13.6	40 - 140	30	
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	62	%	57	60	5.1	67	57	16.1	30 - 150	30	
% DCBP (Confirmation)	61	%	53	58	9.0	66	57	14.6	30 - 150	30	
% TCMX	59	%	58	60	3.4	65	59	9.7	30 - 150	30	
% TCMX (Confirmation)	62	%	61	60	1.7	64	60	6.5	30 - 150	30	
QA/QC Batch 808035 (mg/Kg), QC Sample No: CU48467 (CU41609, CU41610)											
Pesticides - Soil											
4,4' -DDD	ND	0.0017	72	67	7.2	71	80	11.9	40 - 140	30	
4,4' -DDE	ND	0.0017	71	67	5.8	71	77	8.1	40 - 140	30	
4,4' -DDT	ND	0.0017	73	69	5.6	74	79	6.5	40 - 140	30	
a-BHC	ND	0.001	64	63	1.6	66	75	12.8	40 - 140	30	
a-Chlordane	ND	0.0033	70	64	9.0	68	74	8.5	40 - 140	30	
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	0.001	66	64	3.1	69	75	8.3	40 - 140	30	
b-BHC	ND	0.001	78	75	3.9	80	87	8.4	40 - 140	30	
Chlordane	ND	0.033	70	71	1.4	69	75	8.3	40 - 140	30	
d-BHC	ND	0.0033	67	63	6.2	63	72	13.3	40 - 140	30	
Dieldrin	ND	0.001	69	65	6.0	70	77	9.5	40 - 140	30	
Endosulfan I	ND	0.0033	67	67	0.0	69	75	8.3	40 - 140	30	
Endosulfan II	ND	0.0033	71	67	5.8	72	79	9.3	40 - 140	30	
Endosulfan sulfate	ND	0.0033	76	72	5.4	68	80	16.2	40 - 140	30	
Endrin	ND	0.0033	69	66	4.4	73	81	10.4	40 - 140	30	
Endrin aldehyde	ND	0.0033	81	74	9.0	58	68	15.9	40 - 140	30	
Endrin ketone	ND	0.0033	77	74	4.0	77	85	9.9	40 - 140	30	
g-BHC	ND	0.001	75	72	4.1	78	87	10.9	40 - 140	30	
g-Chlordane	ND	0.0033	70	71	1.4	69	75	8.3	40 - 140	30	
Heptachlor	ND	0.0033	67	63	6.2	67	74	9.9	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Heptachlor epoxide	ND	0.0033	68	65	4.5	70	76	8.2	40 - 140	30	
Methoxychlor	ND	0.0033	75	70	6.9	73	79	7.9	40 - 140	30	
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	61	%	67	64	4.6	61	64	4.8	30 - 150	30	
% DCBP (Confirmation)	55	%	60	60	0.0	58	61	5.0	30 - 150	30	
% TCMX	71	%	69	66	4.4	73	78	6.6	30 - 150	30	
% TCMX (Confirmation)	64	%	68	68	0.0	74	79	6.5	30 - 150	30	
QA/QC Batch 808083 (mg/Kg), QC Sample No: CU40898 (CU41609, CU41610, CU41611)											
Semivolatiles - Soil											
1,1-Biphenyl	ND	0.23	56	54	3.6	52	45	14.4	30 - 130	30	
1,2,4,5-Tetrachlorobenzene	ND	0.23	54	53	1.9	54	50	7.7	30 - 130	30	
1,2,4-Trichlorobenzene	ND	0.23	52	52	0.0	50	46	8.3	30 - 130	30	
1,2-Dichlorobenzene	ND	0.18	51	51	0.0	52	47	10.1	30 - 130	30	
1,2-Diphenylhydrazine	ND	0.23	66	61	7.9	62	53	15.7	30 - 130	30	
1,3-Dichlorobenzene	ND	0.23	49	49	0.0	48	43	11.0	30 - 130	30	
1,4-Dichlorobenzene	ND	0.23	48	48	0.0	47	43	8.9	30 - 130	30	
2,2'-Oxybis(1-Chloropropane)	ND	0.23	56	56	0.0	61	53	14.0	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	67	62	7.8	65	58	11.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	67	63	6.2	64	57	11.6	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	73	69	5.6	71	65	8.8	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	72	68	5.7	76	72	5.4	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	73	68	7.1	77	73	5.3	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	92	88	4.4	92	86	6.7	30 - 130	30	
2,4-Dinitrotoluene	ND	0.13	80	75	6.5	76	70	8.2	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	76	72	5.4	74	65	12.9	30 - 130	30	
2-Chloronaphthalene	ND	0.23	58	58	0.0	55	48	13.6	30 - 130	30	
2-Chlorophenol	ND	0.23	72	68	5.7	85	78	8.6	30 - 130	30	
2-Methylnaphthalene	ND	0.23	66	64	3.1	66	62	6.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	70	65	7.4	81	78	3.8	30 - 130	30	
2-Nitroaniline	ND	0.33	102	101	1.0	88	83	5.8	30 - 130	30	
2-Nitrophenol	ND	0.23	79	79	0.0	85	76	11.2	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	80	72	10.5	94	89	5.5	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	80	80	0.0	33	37	11.4	30 - 130	30	
3-Nitroaniline	ND	0.33	86	83	3.6	72	69	4.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	93	88	5.5	91	82	10.4	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	65	62	4.7	59	53	10.7	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	79	71	10.7	83	77	7.5	30 - 130	30	
4-Chloroaniline	ND	0.23	75	73	2.7	67	68	1.5	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	61	57	6.8	58	51	12.8	30 - 130	30	
4-Nitroaniline	ND	0.23	80	76	5.1	78	72	8.0	30 - 130	30	
4-Nitrophenol	ND	0.23	110	107	2.8	108	109	0.9	30 - 130	30	
Acenaphthene	ND	0.23	62	59	5.0	55	49	11.5	30 - 130	30	
Acenaphthylene	ND	0.13	53	50	5.8	50	44	12.8	30 - 130	30	
Acetophenone	ND	0.23	69	66	4.4	80	73	9.2	30 - 130	30	
Aniline	ND	0.33	40	64	46.2	43	50	15.1	30 - 130	30	r
Anthracene	ND	0.23	63	59	6.6	56	50	11.3	30 - 130	30	
Atrazine	ND	0.13	60	58	3.4	53	50	5.8	30 - 130	30	
Benzaldehyde	ND	0.23	133	130	2.3	148	134	9.9	30 - 130	30	l,m
Benzidine	ND	0.33	<10	76	NC	<10	<10	NC	30 - 130	30	l,m
benzo(a)anthracene	ND	0.23	62	58	6.7	56	49	13.3	30 - 130	30	
Benzo(a)pyrene	ND	0.13	64	59	8.1	56	49	13.3	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	65	60	8.0	59	51	14.5	30 - 130	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzo(ghi)perylene	ND	0.23	64	59	8.1	54	46	16.0	30 - 130	30
Benzo(k)fluoranthene	ND	0.23	65	59	9.7	56	48	15.4	30 - 130	30
Benzoic Acid	ND	0.67	92	80	14.0	103	102	1.0	30 - 130	30
Benzyl Alcohol	ND	0.23	77	70	9.5	91	88	3.4	30 - 130	30
Benzyl butyl phthalate	ND	0.23	73	68	7.1	66	57	14.6	30 - 130	30
Bis(2-chloroethoxy)methane	ND	0.23	63	61	3.2	67	62	7.8	30 - 130	30
Bis(2-chloroethyl)ether	ND	0.13	66	64	3.1	72	65	10.2	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	0.23	73	68	7.1	66	56	16.4	30 - 130	30
Caprolactam	ND	0.23	72	65	10.2	75	73	2.7	30 - 130	30
Carbazole	ND	0.23	67	61	9.4	59	53	10.7	30 - 130	30
Chrysene	ND	0.23	60	56	6.9	54	47	13.9	30 - 130	30
Dibenz(a,h)anthracene	ND	0.13	64	59	8.1	56	48	15.4	30 - 130	30
Dibenzofuran	ND	0.23	61	58	5.0	58	50	14.8	30 - 130	30
Diethyl phthalate	ND	0.23	68	62	9.2	63	56	11.8	30 - 130	30
Dimethylphthalate	ND	0.23	65	60	8.0	62	56	10.2	30 - 130	30
Di-n-butylphthalate	ND	0.67	72	65	10.2	63	55	13.6	30 - 130	30
Di-n-octylphthalate	ND	0.23	77	72	6.7	70	61	13.7	30 - 130	30
Fluoranthene	ND	0.23	62	57	8.4	56	50	11.3	30 - 130	30
Fluorene	ND	0.23	63	58	8.3	59	51	14.5	30 - 130	30
Hexachlorobenzene	ND	0.13	68	65	4.5	60	54	10.5	30 - 130	30
Hexachlorobutadiene	ND	0.23	50	51	2.0	48	44	8.7	30 - 130	30
Hexachlorocyclopentadiene	ND	0.23	43	34	23.4	39	33	16.7	30 - 130	30
Hexachloroethane	ND	0.13	50	49	2.0	49	44	10.8	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	0.23	66	61	7.9	57	49	15.1	30 - 130	30
Isophorone	ND	0.13	61	58	5.0	62	59	5.0	30 - 130	30
Naphthalene	ND	0.23	54	54	0.0	53	49	7.8	30 - 130	30
Nitrobenzene	ND	0.13	74	73	1.4	85	79	7.3	30 - 130	30
N-Nitrosodimethylamine	ND	0.23	65	62	4.7	75	73	2.7	30 - 130	30
N-Nitrosodi-n-propylamine	ND	0.13	71	67	5.8	81	74	9.0	30 - 130	30
N-Nitrosodiphenylamine	ND	0.13	62	57	8.4	57	51	11.1	30 - 130	30
Pentachlorophenol	ND	0.23	81	77	5.1	77	71	8.1	30 - 130	30
Phenanthrene	ND	0.13	62	58	6.7	56	50	11.3	30 - 130	30
Phenol	ND	0.23	81	75	7.7	100	96	4.1	30 - 130	30
Pyrene	ND	0.23	63	58	8.3	56	49	13.3	30 - 130	30
% 2,4,6-Tribromophenol	75	%	78	73	6.6	73	65	11.6	30 - 130	30
% 2-Fluorobiphenyl	53	%	55	54	1.8	51	45	12.5	30 - 130	30
% 2-Fluorophenol	60	%	66	63	4.7	79	73	7.9	30 - 130	30
% Nitrobenzene-d5	58	%	62	60	3.3	71	65	8.8	30 - 130	30
% Phenol-d5	61	%	71	65	8.8	85	80	6.1	30 - 130	30
% Terphenyl-d14	58	%	62	57	8.4	55	48	13.6	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 808205 (mg/Kg), QC Sample No: CU41615 (CU41612, CU41613, CU41614, CU41615, CU41616, CU41617, CU41618, CU41619, CU41620, CU41621)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	68	61	10.9	61	71	15.2	30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	0.23	74	65	12.9	66	76	14.1	30 - 130	30
1,2,4-Trichlorobenzene	ND	0.23	72	65	10.2	65	75	14.3	30 - 130	30
1,2-Dichlorobenzene	ND	0.18	62	56	10.2	55	63	13.6	30 - 130	30
1,2-Diphenylhydrazine	ND	0.23	67	60	11.0	61	71	15.2	30 - 130	30
1,3-Dichlorobenzene	ND	0.23	61	55	10.3	54	61	12.2	30 - 130	30

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,4-Dichlorobenzene	ND	0.23	59	52	12.6	52	59	12.6	30 - 130	30	
2,2'-Oxybis(1-Chloropropane)	ND	0.23	52	48	8.0	47	53	12.0	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	77	69	11.0	64	77	18.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	78	69	12.2	69	81	16.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	85	76	11.2	71	84	16.8	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	88	79	10.8	75	88	16.0	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	87	79	9.6	61	66	7.9	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	93	84	10.2	83	90	8.1	30 - 130	30	
2,4-Dinitrotoluene	ND	0.13	87	78	10.9	78	90	14.3	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	87	76	13.5	79	92	15.2	30 - 130	30	
2-Chloronaphthalene	ND	0.23	72	64	11.8	64	74	14.5	30 - 130	30	
2-Chlorophenol	ND	0.23	74	68	8.5	64	74	14.5	30 - 130	30	
2-Methylnaphthalene	ND	0.23	82	74	10.3	74	88	17.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	78	72	8.0	65	72	10.2	30 - 130	30	
2-Nitroaniline	ND	0.33	128	116	9.8	109	130	17.6	30 - 130	30	
2-Nitrophenol	ND	0.23	97	90	7.5	86	101	16.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	74	70	5.6	60	69	14.0	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	103	92	11.3	62	79	24.1	30 - 130	30	
3-Nitroaniline	ND	0.33	95	86	9.9	84	96	13.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	88	76	14.6	78	91	15.4	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	75	68	9.8	69	81	16.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	86	77	11.0	76	88	14.6	30 - 130	30	
4-Chloroaniline	ND	0.23	86	80	7.2	75	84	11.3	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	70	63	10.5	63	75	17.4	30 - 130	30	
4-Nitroaniline	ND	0.23	86	78	9.8	78	90	14.3	30 - 130	30	
4-Nitrophenol	ND	0.23	92	84	9.1	83	96	14.5	30 - 130	30	
Acenaphthene	ND	0.23	67	58	14.4	59	69	15.6	30 - 130	30	
Acenaphthylene	ND	0.13	62	54	13.8	55	64	15.1	30 - 130	30	
Acetophenone	ND	0.23	69	64	7.5	61	70	13.7	30 - 130	30	
Aniline	ND	0.33	65	61	6.3	48	56	15.4	30 - 130	30	
Anthracene	ND	0.23	71	62	13.5	65	74	12.9	30 - 130	30	
Atrazine	ND	0.13	64	55	15.1	60	70	15.4	30 - 130	30	
Benzaldehyde	ND	0.23	92	87	5.6	87	100	13.9	30 - 130	30	
Benzidine	ND	0.33	73	64	13.1	11	12	8.7	30 - 130	30	m
benzo(a)anthracene	ND	0.23	74	64	14.5	67	77	13.9	30 - 130	30	
Benzo(a)pyrene	ND	0.13	71	62	13.5	65	76	15.6	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	69	62	10.7	65	74	12.9	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	74	64	14.5	67	76	12.6	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	69	60	14.0	63	73	14.7	30 - 130	30	
Benzoic Acid	ND	0.67	98	91	7.4	75	81	7.7	30 - 130	30	
Benzyl Alcohol	ND	0.23	67	61	9.4	56	65	14.9	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	80	69	14.8	73	84	14.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	72	65	10.2	64	73	13.1	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	63	77	20.0	55	64	15.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	80	69	14.8	73	85	15.2	30 - 130	30	
Caprolactam	ND	0.23	81	72	11.8	71	83	15.6	30 - 130	30	
Carbazole	ND	0.23	72	64	11.8	64	75	15.8	30 - 130	30	
Chrysene	ND	0.23	68	59	14.2	62	72	14.9	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	75	67	11.3	69	80	14.8	30 - 130	30	
Dibenzofuran	ND	0.23	71	63	11.9	64	75	15.8	30 - 130	30	
Diethyl phthalate	ND	0.23	74	67	9.9	67	78	15.2	30 - 130	30	
Dimethylphthalate	ND	0.23	75	68	9.8	68	79	15.0	30 - 130	30	
Di-n-butylphthalate	ND	0.67	76	66	14.1	69	80	14.8	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Di-n-octylphthalate	ND	0.23	84	75	11.3	78	88	12.0	30 - 130	30
Fluoranthene	ND	0.23	72	62	14.9	65	77	16.9	30 - 130	30
Fluorene	ND	0.23	70	63	10.5	64	75	15.8	30 - 130	30
Hexachlorobenzene	ND	0.13	75	66	12.8	70	78	10.8	30 - 130	30
Hexachlorobutadiene	ND	0.23	73	66	10.1	67	76	12.6	30 - 130	30
Hexachlorocyclopentadiene	ND	0.23	48	38	23.3	44	53	18.6	30 - 130	30
Hexachloroethane	ND	0.13	64	56	13.3	57	65	13.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	0.23	78	68	13.7	71	82	14.4	30 - 130	30
Isophorone	ND	0.13	66	61	7.9	60	69	14.0	30 - 130	30
Naphthalene	ND	0.23	68	61	10.9	61	70	13.7	30 - 130	30
Nitrobenzene	ND	0.13	70	65	7.4	62	72	14.9	30 - 130	30
N-Nitrosodimethylamine	ND	0.23	63	60	4.9	56	64	13.3	30 - 130	30
N-Nitrosodi-n-propylamine	ND	0.13	71	65	8.8	62	72	14.9	30 - 130	30
N-Nitrosodiphenylamine	ND	0.13	69	60	14.0	57	68	17.6	30 - 130	30
Pentachlorophenol	ND	0.23	80	72	10.5	66	78	16.7	30 - 130	30
Phenanthrene	ND	0.13	69	61	12.3	64	73	13.1	30 - 130	30
Phenol	ND	0.23	84	78	7.4	72	83	14.2	30 - 130	30
Pyrene	ND	0.23	70	62	12.1	65	76	15.6	30 - 130	30
% 2,4,6-Tribromophenol	97	%	86	78	9.8	70	80	13.3	30 - 130	30
% 2-Fluorobiphenyl	76	%	68	62	9.2	62	71	13.5	30 - 130	30
% 2-Fluorophenol	78	%	71	66	7.3	59	67	12.7	30 - 130	30
% Nitrobenzene-d5	80	%	71	65	8.8	62	71	13.5	30 - 130	30
% Phenol-d5	78	%	73	69	5.6	63	71	11.9	30 - 130	30
% Terphenyl-d14	81	%	70	62	12.1	64	75	15.8	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 808266 (mg/Kg), QC Sample No: CU41626 (CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	50	62	21.4	49	51	4.0	30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	0.23	53	66	21.8	53	55	3.7	30 - 130	30
1,2,4-Trichlorobenzene	ND	0.23	53	65	20.3	53	55	3.7	30 - 130	30
1,2-Dichlorobenzene	ND	0.18	43	56	26.3	46	48	4.3	30 - 130	30
1,2-Diphenylhydrazine	ND	0.23	49	61	21.8	47	50	6.2	30 - 130	30
1,3-Dichlorobenzene	ND	0.23	43	55	24.5	45	47	4.3	30 - 130	30
1,4-Dichlorobenzene	ND	0.23	42	54	25.0	43	45	4.5	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	0.23	36	46	24.4	39	42	7.4	30 - 130	30
2,3,4,6-tetrachlorophenol	ND	0.23	57	71	21.9	53	57	7.3	30 - 130	30
2,4,5-Trichlorophenol	ND	0.23	59	71	18.5	56	58	3.5	30 - 130	30
2,4,6-Trichlorophenol	ND	0.13	61	77	23.2	59	61	3.3	30 - 130	30
2,4-Dichlorophenol	ND	0.13	64	78	19.7	63	69	9.1	30 - 130	30
2,4-Dimethylphenol	ND	0.23	62	77	21.6	61	66	7.9	30 - 130	30
2,4-Dinitrophenol	ND	0.23	72	86	17.7	47	54	13.9	30 - 130	30
2,4-Dinitrotoluene	ND	0.13	68	81	17.4	64	67	4.6	30 - 130	30
2,6-Dinitrotoluene	ND	0.13	65	79	19.4	62	65	4.7	30 - 130	30
2-Chloronaphthalene	ND	0.23	52	64	20.7	51	52	1.9	30 - 130	30
2-Chlorophenol	ND	0.23	52	65	22.2	54	59	8.8	30 - 130	30
2-Methylnaphthalene	ND	0.23	61	75	20.6	62	69	10.7	30 - 130	30
2-Methylphenol (o-cresol)	ND	0.23	56	70	22.2	60	66	9.5	30 - 130	30
2-Nitroaniline	ND	0.33	93	113	19.4	78	81	3.8	30 - 130	30
2-Nitrophenol	ND	0.23	66	85	25.2	72	81	11.8	30 - 130	30

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
3&4-Methylphenol (m&p-cresol)	ND	0.23	55	66	18.2	54	60	10.5	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	74	90	19.5	32	40	22.2	30 - 130	30	
3-Nitroaniline	ND	0.33	70	85	19.4	57	61	6.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	69	82	17.2	54	59	8.8	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	59	71	18.5	53	56	5.5	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	63	79	22.5	62	68	9.2	30 - 130	30	
4-Chloroaniline	ND	0.23	55	67	19.7	48	52	8.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	53	65	20.3	50	52	3.9	30 - 130	30	
4-Nitroaniline	ND	0.23	63	80	23.8	62	65	4.7	30 - 130	30	
4-Nitrophenol	ND	0.23	69	82	17.2	70	73	4.2	30 - 130	30	
Acenaphthene	ND	0.23	48	60	22.2	49	58	16.8	30 - 130	30	
Acenaphthylene	ND	0.13	45	56	21.8	43	45	4.5	30 - 130	30	
Acetophenone	ND	0.23	49	61	21.8	51	56	9.3	30 - 130	30	
Aniline	ND	0.33	42	49	15.4	31	29	6.7	30 - 130	30	m
Anthracene	ND	0.23	54	65	18.5	47	69	37.9	30 - 130	30	r
Atrazine	ND	0.13	52	62	17.5	45	49	8.5	30 - 130	30	
Benzaldehyde	ND	0.23	68	86	23.4	69	76	9.7	30 - 130	30	
Benzidine	ND	0.33	45	37	19.5	<10	<10	NC	30 - 130	30	m
benzo(a)anthracene	ND	0.23	57	69	19.0	36	89	84.8	30 - 130	30	r
Benzo(a)pyrene	ND	0.13	55	66	18.2	35	76	73.9	30 - 130	30	r
Benzo(b)fluoranthene	ND	0.16	55	67	19.7	38	95	85.7	30 - 130	30	r
Benzo(ghi)perylene	ND	0.23	55	66	18.2	38	58	41.7	30 - 130	30	r
Benzo(k)fluoranthene	ND	0.23	54	64	16.9	39	60	42.4	30 - 130	30	r
Benzoic Acid	ND	0.67	72	87	18.9	35	45	25.0	30 - 130	30	
Benzyl Alcohol	ND	0.23	31	43	32.4	38	47	21.2	30 - 130	30	r
Benzyl butyl phthalate	ND	0.23	62	74	17.6	55	56	1.8	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	50	63	23.0	52	56	7.4	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	44	57	25.7	48	65	30.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	61	74	19.3	78	64	19.7	30 - 130	30	
Caprolactam	ND	0.23	61	73	17.9	59	63	6.6	30 - 130	30	
Carbazole	ND	0.23	55	65	16.7	53	66	21.8	30 - 130	30	
Chrysene	ND	0.23	52	63	19.1	31	68	74.7	30 - 130	30	r
Dibenz(a,h)anthracene	ND	0.13	57	68	17.6	44	50	12.8	30 - 130	30	
Dibenzofuran	ND	0.23	53	65	20.3	52	61	15.9	30 - 130	30	
Diethyl phthalate	ND	0.23	57	68	17.6	54	56	3.6	30 - 130	30	
Dimethylphthalate	ND	0.23	56	69	20.8	53	56	5.5	30 - 130	30	
Di-n-butylphthalate	ND	0.67	59	69	15.6	54	56	3.6	30 - 130	30	
Di-n-octylphthalate	ND	0.23	68	79	15.0	60	61	1.7	30 - 130	30	
Fluoranthene	ND	0.23	56	66	16.4	28	137	132.1	30 - 130	30	m,r
Fluorene	ND	0.23	53	65	20.3	52	64	20.7	30 - 130	30	
Hexachlorobenzene	ND	0.13	57	71	21.9	50	50	0.0	30 - 130	30	
Hexachlorobutadiene	ND	0.23	53	67	23.3	55	56	1.8	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	31	20	43.1	<10	<10	NC	30 - 130	30	l,m,r
Hexachloroethane	ND	0.13	45	58	25.2	47	48	2.1	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	59	70	17.1	42	67	45.9	30 - 130	30	r
Isophorone	ND	0.13	47	59	22.6	48	52	8.0	30 - 130	30	
Naphthalene	ND	0.23	49	59	18.5	52	61	15.9	30 - 130	30	
Nitrobenzene	ND	0.13	50	63	23.0	54	59	8.8	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	43	53	20.8	43	48	11.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	49	62	23.4	52	57	9.2	30 - 130	30	
N-Nitrosodiphenylamine	ND	0.13	52	63	19.1	49	52	5.9	30 - 130	30	
Pentachlorophenol	ND	0.23	59	72	19.8	56	58	3.5	30 - 130	30	
Phenanthrene	ND	0.13	53	63	17.2	42	141	108.2	30 - 130	30	m,r

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Phenol	ND	0.23	58	73	22.9	62	66	6.3	30 - 130	30	
Pyrene	ND	0.23	55	66	18.2	29	113	118.3	30 - 130	30	m,r
% 2,4,6-Tribromophenol	65	%	62	75	19.0	61	67	9.4	30 - 130	30	
% 2-Fluorobiphenyl	51	%	51	63	21.1	50	51	2.0	30 - 130	30	
% 2-Fluorophenol	49	%	49	61	21.8	50	56	11.3	30 - 130	30	
% Nitrobenzene-d5	50	%	50	64	24.6	55	60	8.7	30 - 130	30	
% Phenol-d5	47	%	51	65	24.1	54	59	8.8	30 - 130	30	
% Terphenyl-d14	59	%	56	66	16.4	49	51	4.0	30 - 130	30	

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 807216 (mg/Kg), QC Sample No: CU41615 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615, CU41616, CU41617, CU41618, CU41619, CU41620, CU41621)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	0.067	40	37	7.8	40	39	2.5	30 - 130	30	
% 2-Fluorobiphenyl	38	%	63	49	25.0	64	55	15.1	30 - 130	30	
% Nitrobenzene-d5	38	%	70	56	22.2	66	56	16.4	30 - 130	30	
% Terphenyl-d14	46	%	75	61	20.6	79	70	12.1	30 - 130	30	

QA/QC Batch 807872 (mg/Kg), QC Sample No: CU42449 (CU41622, CU41623, CU41624, CU41625, CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	0.1	90	88	2.2	98	94	4.2	30 - 130	30	
% 2-Fluorobiphenyl	73	%	89	72	21.1	67	74	9.9	30 - 130	30	
% Nitrobenzene-d5	71	%	100	78	24.7	73	82	11.6	30 - 130	30	
% Terphenyl-d14	94	%	104	92	12.2	88	97	9.7	30 - 130	30	

QA/QC Batch 807677 (mg/Kg), QC Sample No: CU41615 (CU41609, CU41610, CU41611, CU41612, CU41613, CU41614, CU41615, CU41616, CU41617, CU41618, CU41619, CU41620, CU41621, CU41622, CU41623, CU41624, CU41625, CU41633)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	122	120	1.7	125	121	3.3	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	118	116	1.7	124	122	1.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	101	102	1.0	109	108	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	110	110	0.0	110	111	0.9	70 - 130	30	
1,1-Dichloroethane	ND	0.005	114	113	0.9	116	106	9.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	105	104	1.0	110	105	4.7	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	109	111	1.8	99	98	1.0	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	110	109	0.9	115	111	3.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	110	110	0.0	98	95	3.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	112	113	0.9	116	112	3.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	114	112	1.8	114	113	0.9	70 - 130	30	
1,2-Dibromoethane	ND	0.005	113	114	0.9	111	108	2.7	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	105	107	1.9	105	101	3.9	70 - 130	30	
1,2-Dichloroethane	ND	0.005	117	117	0.0	119	117	1.7	70 - 130	30	
1,2-Dichloropropane	ND	0.005	103	105	1.9	106	104	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	113	115	1.8	120	115	4.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	107	108	0.9	105	102	2.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	106	107	0.9	104	100	3.9	70 - 130	30	
1,4-dioxane	ND	0.1	106	105	0.9	142	129	9.6	70 - 130	30	m
2-Hexanone	ND	0.025	96	93	3.2	97	94	3.1	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	105	103	1.9	110	107	2.8	70 - 130	30	
Acetone	ND	0.01	102	100	2.0	93	91	2.2	70 - 130	30	
Acrolein	ND	0.025	92	90	2.2	68	77	12.4	70 - 130	30	m
Acrylonitrile	ND	0.005	110	108	1.8	110	106	3.7	70 - 130	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzene	ND	0.001	107	107	0.0	108	107	0.9	70 - 130	30	
Bromochloromethane	ND	0.005	111	111	0.0	107	106	0.9	70 - 130	30	
Bromodichloromethane	ND	0.005	116	116	0.0	117	117	0.0	70 - 130	30	
Bromoform	ND	0.005	124	123	0.8	123	122	0.8	70 - 130	30	
Bromomethane	ND	0.005	109	109	0.0	114	110	3.6	70 - 130	30	
Carbon Disulfide	ND	0.005	104	104	0.0	103	99	4.0	70 - 130	30	
Carbon tetrachloride	ND	0.005	115	114	0.9	117	117	0.0	70 - 130	30	
Chlorobenzene	ND	0.005	109	108	0.9	109	105	3.7	70 - 130	30	
Chloroethane	ND	0.005	109	110	0.9	113	112	0.9	70 - 130	30	
Chloroform	ND	0.005	111	110	0.9	115	114	0.9	70 - 130	30	
Chloromethane	ND	0.005	102	102	0.0	102	100	2.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	111	110	0.9	108	107	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	114	115	0.9	110	108	1.8	70 - 130	30	
Cyclohexane	ND	0.005	106	105	0.9	111	108	2.7	70 - 130	30	
Dibromochloromethane	ND	0.003	118	119	0.8	120	117	2.5	70 - 130	30	
Dibromomethane	ND	0.005	108	109	0.9	105	106	0.9	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	114	112	1.8	117	112	4.4	70 - 130	30	
Ethylbenzene	ND	0.001	111	110	0.9	115	109	5.4	70 - 130	30	
Hexachlorobutadiene	ND	0.005	112	111	0.9	120	115	4.3	70 - 130	30	
Isopropylbenzene	ND	0.001	108	109	0.9	114	111	2.7	70 - 130	30	
m&p-Xylene	ND	0.002	111	111	0.0	115	110	4.4	70 - 130	30	
Methyl ethyl ketone	ND	0.005	89	87	2.3	87	86	1.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	111	112	0.9	114	113	0.9	70 - 130	30	
Methylacetate	ND	0.005	107	106	0.9	124	118	5.0	70 - 130	30	
Methylcyclohexane	ND	0.005	110	108	1.8	119	114	4.3	70 - 130	30	
Methylene chloride	ND	0.005	96	97	1.0	97	95	2.1	70 - 130	30	
n-Butylbenzene	ND	0.001	111	111	0.0	116	108	7.1	70 - 130	30	
n-Propylbenzene	ND	0.001	106	108	1.9	113	106	6.4	70 - 130	30	
o-Xylene	ND	0.002	110	109	0.9	114	108	5.4	70 - 130	30	
p-Isopropyltoluene	ND	0.001	110	110	0.0	116	110	5.3	70 - 130	30	
sec-Butylbenzene	ND	0.001	108	109	0.9	116	111	4.4	70 - 130	30	
Styrene	ND	0.005	113	114	0.9	112	108	3.6	70 - 130	30	
tert-butyl alcohol	ND	0.1	108	107	0.9	143	134	6.5	70 - 130	30	m
tert-Butylbenzene	ND	0.001	111	112	0.9	119	115	3.4	70 - 130	30	
Tetrachloroethene	ND	0.005	109	108	0.9	113	107	5.5	70 - 130	30	
Toluene	ND	0.001	105	107	1.9	108	106	1.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	104	104	0.0	105	100	4.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	121	121	0.0	112	111	0.9	70 - 130	30	
Trichloroethene	ND	0.005	113	112	0.9	110	107	2.8	70 - 130	30	
Trichlorofluoromethane	ND	0.005	120	119	0.8	128	124	3.2	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	117	116	0.9	126	120	4.9	70 - 130	30	
Vinyl chloride	ND	0.005	101	101	0.0	102	99	3.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	102	102	0.0	102	102	0.0	70 - 130	30	
% Bromofluorobenzene	102	%	105	105	0.0	106	104	1.9	70 - 130	30	
% Dibromofluoromethane	104	%	107	107	0.0	104	107	2.8	70 - 130	30	
% Toluene-d8	100	%	103	104	1.0	104	103	1.0	70 - 130	30	
QA/QC Batch 807677H (mg/Kg), QC Sample No: CU41615 50X (CU41636 (50X))											
Volatiles - Soil (High Level)											
1,1,1,2-Tetrachloroethane	ND	0.25	120	118	1.7	114	123	7.6	70 - 130	30	
1,1,1-Trichloroethane	ND	0.25	117	114	2.6	113	119	5.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.25	105	105	0.0	94	106	12.0	70 - 130	30	
1,1,2-Trichloroethane	ND	0.25	111	110	0.9	102	112	9.3	70 - 130	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloroethane	ND	0.25	112	112	0.0	106	110	3.7	70 - 130	30	
1,1-Dichloroethene	ND	0.25	83	79	4.9	78	84	7.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.25	118	114	3.4	108	116	7.1	70 - 130	30	
1,2,3-Trichloropropane	ND	0.25	107	105	1.9	99	109	9.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.25	121	118	2.5	110	117	6.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.25	115	114	0.9	107	115	7.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.25	105	102	2.9	93	104	11.2	70 - 130	30	
1,2-Dibromoethane	ND	0.25	114	112	1.8	106	115	8.1	70 - 130	30	
1,2-Dichlorobenzene	ND	0.25	111	109	1.8	103	110	6.6	70 - 130	30	
1,2-Dichloroethane	ND	0.25	119	115	3.4	115	123	6.7	70 - 130	30	
1,2-Dichloropropane	ND	0.25	106	107	0.9	100	107	6.8	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.25	114	113	0.9	108	115	6.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.25	112	111	0.9	104	110	5.6	70 - 130	30	
1,4-Dichlorobenzene	ND	0.25	112	111	0.9	104	113	8.3	70 - 130	30	
1,4-dioxane	ND	5	107	108	0.9	129	131	1.5	70 - 130	30	m
2-Hexanone	ND	1.3	97	96	1.0	84	97	14.4	70 - 130	30	
4-Methyl-2-pentanone	ND	1.3	102	101	1.0	93	105	12.1	70 - 130	30	
Acetone	ND	0.5	78	75	3.9	77	85	9.9	70 - 130	30	
Acrolein	ND	1.3	84	81	3.6	70	80	13.3	70 - 130	30	
Acrylonitrile	ND	0.25	106	104	1.9	95	107	11.9	70 - 130	30	
Benzene	ND	0.25	109	108	0.9	102	109	6.6	70 - 130	30	
Bromochloromethane	ND	0.25	108	108	0.0	101	109	7.6	70 - 130	30	
Bromodichloromethane	ND	0.25	115	114	0.9	110	117	6.2	70 - 130	30	
Bromoform	ND	0.25	118	117	0.9	109	120	9.6	70 - 130	30	
Bromomethane	ND	0.25	88	86	2.3	84	91	8.0	70 - 130	30	
Carbon Disulfide	ND	0.25	79	78	1.3	72	80	10.5	70 - 130	30	
Carbon tetrachloride	ND	0.25	110	106	3.7	104	110	5.6	70 - 130	30	
Chlorobenzene	ND	0.25	112	112	0.0	105	113	7.3	70 - 130	30	
Chloroethane	ND	0.25	64	61	4.8	64	68	6.1	70 - 130	30	l,m
Chloroform	ND	0.25	112	110	1.8	106	113	6.4	70 - 130	30	
Chloromethane	ND	0.25	106	101	4.8	98	99	1.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.25	111	110	0.9	103	111	7.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.25	116	114	1.7	105	115	9.1	70 - 130	30	
Cyclohexane	ND	0.25	107	107	0.0	99	106	6.8	70 - 130	30	
Dibromochloromethane	ND	0.15	116	114	1.7	110	118	7.0	70 - 130	30	
Dibromomethane	ND	0.25	110	107	2.8	102	110	7.5	70 - 130	30	
Dichlorodifluoromethane	ND	0.25	114	109	4.5	107	112	4.6	70 - 130	30	
Ethylbenzene	ND	0.25	114	114	0.0	107	115	7.2	70 - 130	30	
Hexachlorobutadiene	ND	0.25	121	119	1.7	112	120	6.9	70 - 130	30	
Isopropylbenzene	ND	0.25	109	108	0.9	101	109	7.6	70 - 130	30	
m&p-Xylene	ND	0.25	115	115	0.0	108	116	7.1	70 - 130	30	
Methyl ethyl ketone	ND	0.25	81	81	0.0	73	83	12.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.25	114	112	1.8	105	116	10.0	70 - 130	30	
Methylacetate	ND	0.25	105	105	0.0	104	114	9.2	70 - 130	30	
Methylcyclohexane	ND	0.25	112	111	0.9	108	116	7.1	70 - 130	30	
Methylene chloride	ND	0.25	98	96	2.1	91	98	7.4	70 - 130	30	
n-Butylbenzene	ND	0.25	116	113	2.6	108	115	6.3	70 - 130	30	
n-Propylbenzene	ND	0.25	108	107	0.9	101	108	6.7	70 - 130	30	
o-Xylene	ND	0.25	113	114	0.9	106	113	6.4	70 - 130	30	
p-Isopropyltoluene	ND	0.25	112	111	0.9	105	112	6.5	70 - 130	30	
sec-Butylbenzene	ND	0.25	109	109	0.0	103	109	5.7	70 - 130	30	
Styrene	ND	0.25	119	117	1.7	111	118	6.1	70 - 130	30	
tert-butyl alcohol	ND	5	104	106	1.9	127	132	3.9	70 - 130	30	m

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
tert-Butylbenzene	ND	0.25	110	110	0.0	103	111	7.5	70 - 130	30	
Tetrachloroethene	ND	0.25	110	111	0.9	105	112	6.5	70 - 130	30	
Toluene	ND	0.25	108	108	0.0	101	109	7.6	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.25	105	104	1.0	99	105	5.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.25	122	119	2.5	112	121	7.7	70 - 130	30	
Trichloroethene	ND	0.25	111	110	0.9	107	113	5.5	70 - 130	30	
Trichlorofluoromethane	ND	0.25	44	43	2.3	44	47	6.6	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	0.25	97	95	2.1	93	102	9.2	70 - 130	30	
Vinyl chloride	ND	0.25	111	105	5.6	99	105	5.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	%	103	102	1.0	102	101	1.0	70 - 130	30	
% Bromofluorobenzene	103	%	108	107	0.9	109	109	0.0	70 - 130	30	
% Dibromofluoromethane	102	%	106	104	1.9	107	105	1.9	70 - 130	30	
% Toluene-d8	99	%	103	103	0.0	103	103	0.0	70 - 130	30	
QA/QC Batch 807697 (mg/Kg), QC Sample No: CU41626 (CU41626, CU41627, CU41628, CU41629, CU41630, CU41631)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	101	88	13.8	104	98	5.9	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	93	80	15.0	101	99	2.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	94	80	16.1	142	127	11.2	70 - 130	30	m
1,1,2-Trichloroethane	ND	0.005	97	83	15.6	93	91	2.2	70 - 130	30	
1,1-Dichloroethane	ND	0.005	90	79	13.0	105	104	1.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	87	77	12.2	96	108	11.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	99	83	17.6	39	32	19.7	70 - 130	30	m
1,2,3-Trichloropropane	ND	0.005	90	77	15.6	142	128	10.4	70 - 130	30	m
1,2,4-Trichlorobenzene	ND	0.005	98	83	16.6	45	38	16.9	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	96	83	14.5	110	101	8.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	99	85	15.2	88	85	3.5	70 - 130	30	
1,2-Dibromoethane	ND	0.005	100	86	15.1	103	97	6.0	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	94	80	16.1	80	75	6.5	70 - 130	30	
1,2-Dichloroethane	ND	0.005	94	80	16.1	96	94	2.1	70 - 130	30	
1,2-Dichloropropane	ND	0.005	93	81	13.8	100	100	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	96	85	12.2	114	103	10.1	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	94	82	13.6	86	80	7.2	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	93	80	15.0	83	77	7.5	70 - 130	30	
1,4-dioxane	ND	0.1	97	86	12.0	102	106	3.8	70 - 130	30	
2-Hexanone	ND	0.025	96	82	15.7	61	61	0.0	70 - 130	30	m
4-Methyl-2-pentanone	ND	0.025	97	81	18.0	75	76	1.3	70 - 130	30	
Acetone	ND	0.01	89	79	11.9	75	73	2.7	70 - 130	30	
Acrolein	ND	0.025	91	77	16.7	<10	<10	NC	70 - 130	30	m
Acrylonitrile	ND	0.005	93	79	16.3	47	42	11.2	70 - 130	30	m
Benzene	ND	0.001	93	81	13.8	99	98	1.0	70 - 130	30	
Bromochloromethane	ND	0.005	94	81	14.9	94	93	1.1	70 - 130	30	
Bromodichloromethane	ND	0.005	96	83	14.5	95	93	2.1	70 - 130	30	
Bromoform	ND	0.005	105	88	17.6	83	77	7.5	70 - 130	30	
Bromomethane	ND	0.005	90	77	15.6	76	64	17.1	70 - 130	30	m
Carbon Disulfide	ND	0.005	93	82	12.6	83	85	2.4	70 - 130	30	
Carbon tetrachloride	ND	0.005	91	80	12.9	94	89	5.5	70 - 130	30	
Chlorobenzene	ND	0.005	94	82	13.6	92	87	5.6	70 - 130	30	
Chloroethane	ND	0.005	93	83	11.4	120	74	47.4	70 - 130	30	r
Chloroform	ND	0.005	92	78	16.5	100	100	0.0	70 - 130	30	
Chloromethane	ND	0.005	95	84	12.3	107	101	5.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	94	82	13.6	100	97	3.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	100	86	15.1	88	85	3.5	70 - 130	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Cyclohexane	ND	0.005	93	80	15.0	82	80	2.5	70 - 130	30	
Dibromochloromethane	ND	0.003	99	85	15.2	100	95	5.1	70 - 130	30	
Dibromomethane	ND	0.005	96	81	16.9	94	91	3.2	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	108	93	14.9	111	99	11.4	70 - 130	30	
Ethylbenzene	ND	0.001	95	83	13.5	92	89	3.3	70 - 130	30	
Hexachlorobutadiene	ND	0.005	96	80	18.2	39	34	13.7	70 - 130	30	m
Isopropylbenzene	ND	0.001	93	82	12.6	109	107	1.9	70 - 130	30	
m&p-Xylene	ND	0.002	98	85	14.2	91	89	2.2	70 - 130	30	
Methyl ethyl ketone	ND	0.005	86	71	19.1	76	76	0.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	93	80	15.0	104	105	1.0	70 - 130	30	
Methylacetate	ND	0.005	89	75	17.1	42	83	65.6	70 - 130	30	m,r
Methylcyclohexane	ND	0.005	94	81	14.9	61	59	3.3	70 - 130	30	m
Methylene chloride	ND	0.005	83	73	12.8	92	99	7.3	70 - 130	30	
n-Butylbenzene	ND	0.001	98	84	15.4	79	71	10.7	70 - 130	30	
n-Propylbenzene	ND	0.001	93	82	12.6	100	97	3.0	70 - 130	30	
o-Xylene	ND	0.002	96	84	13.3	89	88	1.1	70 - 130	30	
p-Isopropyltoluene	ND	0.001	97	84	14.4	91	84	8.0	70 - 130	30	
sec-Butylbenzene	ND	0.001	93	80	15.0	87	82	5.9	70 - 130	30	
Styrene	ND	0.005	102	88	14.7	82	81	1.2	70 - 130	30	
tert-butyl alcohol	ND	0.1	95	82	14.7	95	104	9.0	70 - 130	30	
tert-Butylbenzene	ND	0.001	93	81	13.8	96	92	4.3	70 - 130	30	
Tetrachloroethene	ND	0.005	94	80	16.1	74	71	4.1	70 - 130	30	
Toluene	ND	0.001	93	81	13.8	90	89	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	89	78	13.2	90	90	0.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	103	88	15.7	86	85	1.2	70 - 130	30	
Trichloroethene	ND	0.005	93	80	15.0	85	82	3.6	70 - 130	30	
Trichlorofluoromethane	ND	0.005	96	84	13.3	109	65	50.6	70 - 130	30	m,r
Trichlorotrifluoroethane	ND	0.005	98	84	15.4	96	119	21.4	70 - 130	30	
Vinyl chloride	ND	0.005	92	83	10.3	107	98	8.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	101	100	1.0	98	96	2.1	70 - 130	30	
% Bromofluorobenzene	99	%	105	105	0.0	87	90	3.4	70 - 130	30	
% Dibromofluoromethane	95	%	101	100	1.0	98	99	1.0	70 - 130	30	
% Toluene-d8	100	%	100	100	0.0	99	100	1.0	70 - 130	30	
QA/QC Batch 807697H (mg/Kg), QC Sample No: CU41626 50X (CU41626 (50X))											
Volatiles - Soil (High Level)											
1,1,2,2-Tetrachloroethane	ND	0.25	98	97	1.0	106	102	3.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.25	107	108	0.9	105	104	1.0	70 - 130	30	
1,2,3-Trichloropropane	ND	0.25	92	92	0.0	104	100	3.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.25	108	112	3.6	108	108	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.25	102	105	2.9	109	105	3.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.25	98	88	10.8	84	91	8.0	70 - 130	30	
1,2-Dichlorobenzene	ND	0.25	99	99	0.0	99	99	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.25	103	106	2.9	109	107	1.9	70 - 130	30	
1,3-Dichlorobenzene	ND	0.25	103	102	1.0	102	104	1.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.25	100	101	1.0	101	100	1.0	70 - 130	30	
Hexachlorobutadiene	ND	0.25	105	102	2.9	97	99	2.0	70 - 130	30	
Isopropylbenzene	ND	0.25	102	98	4.0	94	99	5.2	70 - 130	30	
n-Butylbenzene	ND	0.25	106	109	2.8	115	112	2.6	70 - 130	30	
n-Propylbenzene	ND	0.25	101	97	4.0	96	100	4.1	70 - 130	30	
p-Isopropyltoluene	ND	0.25	104	105	1.0	108	106	1.9	70 - 130	30	
sec-Butylbenzene	ND	0.25	99	94	5.2	96	100	4.1	70 - 130	30	
tert-Butylbenzene	ND	0.25	99	94	5.2	91	98	7.4	70 - 130	30	

QA/QC Data

SDG I.D.: GCU41609

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	99	%		100	100	0.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	101	%		103	102	1.0	102	103	1.0	70 - 130	30
% Dibromofluoromethane	96	%		97	96	1.0	95	96	1.0	70 - 130	30
% Toluene-d8	101	%		100	104	3.9	105	103	1.9	70 - 130	30
QA/QC Batch 807957H (mg/Kg), QC Sample No: CU44895 50X (CU41623 (50X) , CU41629 (50X))											
Volatiles - Soil (High Level)											
1,1,2,2-Tetrachloroethane	ND	0.25		101	97	4.0	88	100	12.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	0.25		106	104	1.9	91	104	13.3	70 - 130	30
1,2,3-Trichloropropane	ND	0.25		99	95	4.1	85	95	11.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	0.25		109	106	2.8	94	107	12.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	0.25		103	104	1.0	95	106	10.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	0.25		93	89	4.4	79	95	18.4	70 - 130	30
1,2-Dichlorobenzene	ND	0.25		98	98	0.0	89	99	10.6	70 - 130	30
1,3,5-Trimethylbenzene	ND	0.25		104	104	0.0	97	107	9.8	70 - 130	30
1,3-Dichlorobenzene	ND	0.25		100	101	1.0	93	104	11.2	70 - 130	30
1,4-Dichlorobenzene	ND	0.25		99	99	0.0	91	101	10.4	70 - 130	30
Hexachlorobutadiene	ND	0.25		101	101	0.0	91	102	11.4	70 - 130	30
Isopropylbenzene	ND	0.25		97	96	1.0	91	105	14.3	70 - 130	30
n-Butylbenzene	ND	0.25		108	108	0.0	98	109	10.6	70 - 130	30
n-Propylbenzene	ND	0.25		97	97	0.0	90	103	13.5	70 - 130	30
p-Isopropyltoluene	ND	0.25		104	106	1.9	96	106	9.9	70 - 130	30
sec-Butylbenzene	ND	0.25		95	97	2.1	90	100	10.5	70 - 130	30
tert-Butylbenzene	ND	0.25		94	96	2.1	89	99	10.6	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%		100	99	1.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	101	%		103	103	0.0	105	104	1.0	70 - 130	30
% Dibromofluoromethane	96	%		99	97	2.0	97	99	2.0	70 - 130	30
% Toluene-d8	102	%		101	103	2.0	101	101	0.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 26, 2025

Wednesday, November 26, 2025

Criteria: NY: 375RS

State: NY

Sample Criteria Exceedances Report

GCU41609 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU41609	$8270_SMGAL	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
CU41609	$8270_SMGAL	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1400	270	1000	1000	ug/Kg
CU41609	$8270_SMGAL	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	720	270	500	500	ug/Kg
CU41609	$8270_SMGAL	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
CU41609	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.82	0.03	0.81	0.81	mg/Kg
CU41609	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	891	0.8	400	400	mg/Kg
CU41611	$8270_SMGAL	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	ug/Kg
CU41611	$8270_SMGAL	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1800	270	1000	1000	ug/Kg
CU41611	$8270_SMGAL	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2500	270	1000	1000	ug/Kg
CU41611	$8270_SMGAL	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1900	270	1000	1000	ug/Kg
CU41611	$8270_SMGAL	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	270	500	500	ug/Kg
CU41611	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.95	0.07	0.81	0.81	mg/Kg
CU41611	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2260	0.7	400	400	mg/Kg
CU41614	$8270_SMGAL	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	570	300	500	500	ug/Kg
CU41614	$8270_SMGAL	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	300	1000	1000	ug/Kg
CU41614	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	933	0.8	400	400	mg/Kg
CU41617	$8270_SMGAL	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2900	260	1000	1000	ug/Kg
CU41617	$8270_SMGAL	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3000	260	1000	1000	ug/Kg
CU41617	$8270_SMGAL	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4300	260	1000	1000	ug/Kg
CU41617	$8270_SMGAL	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
CU41617	$8270_SMGAL	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3000	260	1000	1000	ug/Kg
CU41617	$8270_SMGAL	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	440	190	330	330	ug/Kg
CU41617	$8270_SMGAL	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2100	260	500	500	ug/Kg
CU41617	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	595	0.8	350	350	mg/Kg
CU41617	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.23	0.03	0.81	0.81	mg/Kg
CU41617	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	3170	0.8	400	400	mg/Kg
CU41620	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.03	0.08	0.81	0.81	mg/Kg
CU41620	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	899	0.8	400	400	mg/Kg
CU41621	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.69	0.07	0.81	0.81	mg/Kg
CU41621	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	558	0.8	400	400	mg/Kg
CU41623	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	3.42	0.17	0.81	0.81	mg/Kg
CU41623	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	940	0.9	400	400	mg/Kg
CU41624	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	352	0.7	350	350	mg/Kg
CU41624	CU-SM	Copper	NY / 375-6.8 Metals / Residential	405	0.7	270	270	mg/kg
CU41624	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.74	0.08	0.81	0.81	mg/Kg
CU41624	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1480	0.7	400	400	mg/Kg

Wednesday, November 26, 2025

Criteria: NY: 375RS

State: NY

Sample Criteria Exceedances Report

GCU41609 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU41626	$8270_SMGAL	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	270	1000	1000	ug/Kg
CU41626	$8270_SMGAL	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	960	270	500	500	ug/Kg
CU41626	$8270_SMGAL	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2000	270	1000	1000	ug/Kg
CU41626	$8270_SMGAL	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1600	270	1000	1000	ug/Kg
CU41626	$8270_SMGAL	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	270	1000	1000	ug/Kg
CU41626	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	525	0.7	350	350	mg/Kg
CU41626	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.24	0.08	0.81	0.81	mg/Kg
CU41626	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2130	0.7	400	400	mg/Kg
CU41627	$8270_SMGAL	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1500	250	1000	1000	ug/Kg
CU41627	$8270_SMGAL	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1400	250	1000	1000	ug/Kg
CU41627	$8270_SMGAL	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1800	250	1000	1000	ug/Kg
CU41627	$8270_SMGAL	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1300	250	1000	1000	ug/Kg
CU41627	$8270_SMGAL	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	800	250	500	500	ug/Kg
CU41629	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.18	0.07	0.81	0.81	mg/Kg
CU41629	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	670	0.7	400	400	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 26, 2025

SDG I.D.: GCU41609

The samples in this delivery group were received at 2.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 2.1 C Coolant: IPK ☑ ICE ☐ Cooler: Yes ☑ No ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

Pg 1 of 3

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone: O. 845-867-4724 C. 917-327-9711
Email(s): szabolcs_david@gbtpa.com

Customer: Gallagher Bassett Technical Services
Address: 22 IBM Road, Suite 101
Poughkeepsie New York 12601

Project: 22003-0092
Report to (name): Erick Salazar (erick_salazar@gbtpa.com)

Invoice to: Accounts Payable (gbts.payables@gbtpa.com)
QUOTE # : BCP RI Implementation *(Soil Investigation)

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Hannah Brown Date: 10/2/25

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **TB** = Trip Blank **FB** = Field Blank **EB** = Equipment Blank

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10	SVOCs +20	TAL Metals, Cr^{6+}, CN^-	PCBs, pesticides, herbicides	PFAS (Method 1633)	1,4-dioxane (8270 SIM)		GL Amber 8 oz. [ ] w/H_3PO_4 [1] $NAHSO_4$ [ ]NH4 [2] H_2O	Soil VOA Vials [1] methanol [2] H_2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [1] 250ml [2] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO3 [ ] 250ml [ ] 1000ml	PL NAOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
416609	2SB-07 surf	S	10/2/2025	9:20		x	x	x	x	x	x			3x	1x				x						
416610	2SB-07 10-15	S	10/2/2025	10:15		x	x	x	x	x	x			3x	x				x						
416611	2SB-08 surf	S	10/2/2025	9:00		x	x	x	x	x	x			3x	x				x						
416612	2SB-08 8-10	S	10/2/2025	9:35		x	x	x	x	x	x			3x	x				x						
416613	2SB-08 10-12	S	10/2/2025	9:30		x	x	x	x	x	x			3x	x				x						
416614	2SB-09 surf	S	10/2/2025	8:10		x	x	x	x	x	x			3x	x				x						
416615	2SB-09 10-12.5	S	10/2/2025	8:45	x	x	x	x	x	x	x			6x	2x				x						
416616	2SB-09 12.5-15	S	10/2/2025	8:55		x	x	x	x	x	x			3x	x				x						
416617	2SB-10 surf	S	10/2/2025	10:20		x	x	x	x	x	x			3x	x				x						
416618	2SB-10 5-7	S	10/2/2025	11:15		x	x	x	x	x	x			3x	x				x						
416619	2SB-10 10-12	S	10/2/2025	11:20		x	x	x	x	x	x			3x	x				x						

Relinquished by:	Accepted by:		Time:
[signature] GBTS	[signature]	10/3/25	13:00
[signature]	[signature]	10/3/25	17:15

Comments, Special Requirements or Regulations:

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Data Format:
☑ Phoenix Std Report ☑ NYSDEC EQuIS
☑ Excel ☐ NJ Hazsite EDD
☑ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☑ Standard
* SURCHARGE

NJ
☐ SRS Res. Criteria
☐ SRS Non-Res. Criteria
☐ SRS Migration to GW
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☑ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☑ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ Other:

State Samples Collected? NY

Temp 2.1C Coolant: IPK ICE Cooler: Yes No / No

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone: O. 845-867-4724 C. 917-327-9711
Email(s): szabolcs_david@gbtpa.com

Customer: Gallagher Bassett Technical Services
Address: 22 IBM Road, Suite 101
Poughkeepsie New York 12601

Project: 22003-0092
Report to (name): Erick Salazar (erick_salazar@gbtpa.com)
Invoice to: Accounts Payable (gbts.payables@gbtpa.com)
QUOTE # : BCP RI Implementation *(Soil Investigation)

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Date: 10/2/25

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **TB** = Trip Blank **FB** = Field Blank **EB** = Equipment Blank

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10	SVOCs +20	TAL Metals, Cr^{6+}, CN^-	PCBs, pesticides, herbicides	PFAS (Method 1633)	1,4-dioxane (8270 SIM)		GL Amber 8 oz. [ ] w/H_3PO_4 [1] $NAHSO_4$ [ ] NH_4 [2] H_2O	Soil VOA Vials [1] methanol [2] H_2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [1] 250ml [2] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO3 [ ] 250ml [ ] 1000ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
41620	2SB-11 surf	S	10/2/2025	11:15		x	x	x	x	x	x				x	x				x						
41621	2SB-11 0-5	S	10/2/2025	14:05		x	x	x	x	x	x				x	x				x						
41622	2SB-11 13-15	S	10/2/2025	13:55		x	x	x	x	x	x				x	x				x						
41623	2SB-12 surf	S	10/2/2025	11:00		x	x	x	x	x	x				x	x				x						
41624	2SB-12 4-6	S	10/2/2025	12:15		x	x	x	x	x	x				x	x				x						
41625	2SB-12 8-10	S	10/2/2025	12:25		x	x	x	x	x	x				x	x				x						
41626	2SB-13 surf	S	10/2/2025	13:15		x	x	x	x	x	x				x	x				x						
41627	2SB-13 0-5	S	10/2/2025	14:20		x	x	x	x	x	x				x	x				x						
41628	2SB-13 8-10	S	10/2/2025	14:35		x	x	x	x	x	x				x	x				x						
41629	2SB-14 surf	S	10/2/2025	14:30		x	x	x	x	x	x				x	x				x						
41630	2SB-14 0-5	S	10/2/2025	15:05		x	x	x	x	x	x				x	x				x						

Relinquished by:	Accepted by:	Date:	Time:
		10/7/25	13:00
		10/3/25	17:15

Comments, Special Requirements or Regulations:

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Data Format:
- ☑ Phoenix Std Report
- ☑ Excel
- ☑ PDF
- ☐ GIS/Key
- ☑ NYSDEC EQuIS
- ☐ NJ Hazsite EDD
- ☐ NY EZ EDD (ASP)
- ☐ Other

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ 4 Days*
- ☐ 5 Days*
- ☑ Standard

* SURCHARGE

NJ
- ☐ SRS Res. Criteria
- ☐ SRS Non-Res. Criteria
- ☐ SRS Migration to GW
- ☐ Impact to GW Soil Cleanup Criteria
- ☐ Impact to GW soil screen Criteria GW Criteria

Data Package:
- ☐ NJ Reduced Deliv. *
- ☐ Other
- ☑ NY Enhanced (ASP B) *

NY
- ☐ TOGS GW
- ☐ CP-51 SOIL
- ☐ 375SCO Unrestricted Soil
- ☐ 375SCO Residential Soil
- ☑ 375SCO Residential
- ☐ 375SCO Commercial Soil
- ☐ 375SCO Industrial Soil
- ☐ Subpart 5 DW

PA
- ☐ Clean Fill Limits
- ☐ PA-GW
- ☐ Reg Fill Limits
- ☐ Other:_____

State Samples Collected? NY

Temp 0.1 °C Coolant: IPK ICE Cooler: Yes ☑ No ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
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Project: 22003-0092
Report to (name): Erick Salazar (erick_salazar@gbtpa.com)
Invoice to: Accounts Payable (gbts.payables@gbtpa.com)
QUOTE # : BCP RI Implementation *(Soil Investigation)

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Hannah Brown Date: 10/2/25

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **TB** = Trip Blank **FB** = Field Blank **EB** = Equipment Blank

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10	SVOCs +20	TAL Metals, Cr^{6+}, CN^-	PCBs, pesticides, herbicides	PFAS (Method 1633)	1,4-dioxane (8270 SIM)		GL Amber 8 oz. [ ] w/H_3PO_4 [1] $NAHSO_4$ [ ] NH_4 [2] H_2O	Soil VOA Vials [1] methanol [2] H_2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [1] 250ml [2] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO3 [ ] 250ml [ ] 1000ml	PL NAOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
41631	2SB-14 10-12.5	S	10/2/2025	15:15		x	x	x	x	x	x				x	x				x					
41633	TB-20251002	TB	10/2/2025	-		x									x										
41634	FB-20251002	FB	10/2/2025	8:50						x										x					
41635	EB-20251002	EB	10/2/2025	8:30						x	x			x						x					
41636																									

Relinquished by:	Accepted by:	Date:	Time:
GBTS		10/3/25	13:00
		10/3/25	17:15

Comments, Special Requirements or Regulations:
9/29/25 SLO

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

Data Format:
☑ Phoenix Std Report ☑ NYSDEC EQuIS
☑ Excel ☐ NJ Hazsite EDD
☑ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☑ Standard
* SURCHARGE

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☑ NY Enhanced (ASP B) *

NJ
☐ SRS Res. Criteria
☐ SRS Non-Res. Criteria
☐ SRS Migration to GW
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☑ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ Other:_____

State Samples Collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, November 26, 2025

Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Project ID: **22003-0092**
SDG ID: **GCU42448**
Sample ID#s: CU42448 - CU42468, CU43030

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Gallagher Basset Technical Services

Project: 22003-0092

Laboratory Project: GCU42448

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU42448**

Gallagher Basset Technical Services 22003-0092

Methodology Summary

Accelerated Solvent Extraction (ASE)

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 3545A.

Chlorinated Herbicides:

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8151A.

Hexavalent Chromium in Soils

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Alkaline Digestion Method 3060A and Colorimetric method 7196A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

PAH by 8270 SIM

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E (SIM).

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI,

June 2018, Method 8270E.

Total Cyanide

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 9010B and SW9012B

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU42448**

Gallagher Basset Technical Services 22003-0092

Laboratory Chronicle

The samples in this delivery group were received at 2.8°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CU42448	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42448	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42448	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Chromium, Hex. (SW3060A digestio	10/03/25	10/07/25	10/07/25	NP	Y
CU42448	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42448	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42448	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42448	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42448	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42448	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42448	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42448	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42448	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Semivolatiles	10/03/25	10/14/25	10/15/25	PS	Y
CU42448	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42448	Total Cyanide (SW9010C Distill.)	10/03/25	10/10/25	10/10/25	EG	Y
CU42448	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42448	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42448	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42449	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42449	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Chromium, Hex. (SW3060A digestio	10/03/25	10/07/25	10/07/25	NP	Y
CU42449	Client MS/MSD	10/03/25	10/15/25	10/15/25		Y
CU42449	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42449	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42449	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42449	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42449	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42449	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42449	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42449	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42449	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Semivolatiles	10/03/25	10/14/25	10/15/25	PS	Y
CU42449	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42449	Total Cyanide (SW9010C Distill.)	10/03/25	10/10/25	10/10/25	EG	Y
CU42449	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42449	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42449	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42450	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42450	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Chromium, Hex. (SW3060A digestio	10/03/25	10/07/25	10/07/25	NP	Y
CU42450	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42450	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42450	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42450	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42450	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42450	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42450	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42450	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42450	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Semivolatiles	10/03/25	10/14/25	10/15/25	PS	Y
CU42450	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Total Cyanide (SW9010C Distill.)	10/03/25	10/10/25	10/10/25	EG	Y

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CU42450	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42450	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42450	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42451	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42451	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Chromium, Hex. (SW3060A digestio	10/03/25	10/07/25	10/07/25	NP	Y
CU42451	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42451	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42451	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42451	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42451	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42451	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42451	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42451	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42451	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Semivolatiles	10/03/25	10/14/25	10/15/25	PS	Y
CU42451	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42451	Total Cyanide (SW9010C Distill.)	10/03/25	10/10/25	10/10/25	EG	Y
CU42451	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42451	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42451	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42452	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42452	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Chromium, Hex. (SW3060A digestio	10/03/25	10/07/25	10/07/25	NP	Y
CU42452	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42452	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42452	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42452	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42452	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42452	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42452	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42452	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42452	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42452	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42452	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42452	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y

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CU42452	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42453	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42453	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Chromium, Hex. (SW3060A digestio	10/03/25	10/07/25	10/07/25	NP	Y
CU42453	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42453	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42453	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42453	PFAS (40) by EPA 1633 (Re-extracti	10/03/25	10/16/25	10/16/25		Y
CU42453	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42453	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42453	PFOA/PFOS - Soil Re-Extraction 1	10/03/25	10/16/25	10/16/25		Y
CU42453	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42453	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42453	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42453	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42453	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42453	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42453	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42453	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42453	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42454	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42454	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42454	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42454	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42454	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42454	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42454	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42454	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42454	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42454	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42454	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42454	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42454	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42454	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y

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CU42454	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42455	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42455	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42455	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42455	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42455	Pesticides - Soil	10/03/25	10/14/25	10/16/25	AW	Y
CU42455	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42455	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42455	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42455	Polychlorinated Biphenyls	10/03/25	10/14/25	10/16/25	SC	Y
CU42455	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42455	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42455	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42455	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42455	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42455	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42456	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42456	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42456	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42456	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42456	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42456	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42456	PFAS (40) by EPA 1633A	10/03/25	10/13/25	10/13/25		Y
CU42456	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42456	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42456	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42456	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42456	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42456	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42456	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42456	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42456	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y

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CU42457	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42457	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42457	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42457	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42457	Pesticides - Soil	10/03/25	10/15/25	10/16/25	AW	Y
CU42457	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42457	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42457	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42457	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42457	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42457	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42457	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42457	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42457	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42457	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42458	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42458	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42458	Antimony	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Arsenic	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Barium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Beryllium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Cadmium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Calcium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42458	Chromium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42458	Cobalt	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Copper	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Iron	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Lead	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Magnesium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Manganese	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42458	Nickel	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42458	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42458	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42458	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42458	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42458	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42458	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42458	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42458	Selenium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42458	Silver	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Sodium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Thallium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42458	Vanadium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42458	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42458	Zinc	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42459	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42459	Antimony	10/03/25	10/06/25	10/09/25	CPP	Y

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CU42459	Arsenic	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Barium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Beryllium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Cadmium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Calcium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42459	Chromium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42459	Cobalt	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Copper	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Iron	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Lead	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Magnesium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Manganese	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42459	Nickel	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42459	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42459	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42459	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42459	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42459	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42459	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42459	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42459	Selenium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42459	Silver	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Sodium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Thallium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42459	Vanadium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42459	Volatiles	10/03/25	10/12/25	10/12/25	PS	Y
CU42459	Zinc	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42460	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42460	Antimony	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Arsenic	10/03/25	10/06/25	10/09/25	CPP	Y

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CU42460	Barium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Beryllium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Cadmium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42460	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42460	Chromium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42460	Cobalt	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Copper	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Iron	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Lead	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Magnesium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Manganese	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42460	Nickel	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42460	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42460	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42460	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42460	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42460	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42460	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42460	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42460	Selenium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42460	Silver	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Sodium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Thallium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42460	Vanadium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42460	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42460	Zinc	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42461	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42461	Antimony	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Arsenic	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Barium	10/03/25	10/06/25	10/09/25	CPP	Y

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CU42461	Beryllium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Cadmium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Calcium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42461	Chromium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42461	Cobalt	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Copper	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Iron	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Lead	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Magnesium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Manganese	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42461	Nickel	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42461	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42461	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42461	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42461	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42461	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42461	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42461	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42461	Selenium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42461	Silver	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Sodium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Thallium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42461	Vanadium	10/03/25	10/06/25	10/09/25	CPP	Y
CU42461	Volatiles	10/03/25	10/12/25	10/12/25	PS	Y
CU42461	Zinc	10/03/25	10/06/25	10/09/25	CPP	Y
CU42462	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42462	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y

Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

November 26, 2025 **SDG I.D.: GCU42448**

Gallagher Basset Technical Services 22003-0092

CU42462	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42462	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42462	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42462	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42462	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42462	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42462	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42462	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42462	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42462	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42462	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42462	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42462	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42462	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42462	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42463	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y

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Gallagher Basset Technical Services 22003-0092

CU42463	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42463	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42463	Client MS/MSD	10/03/25	10/16/25	10/16/25		Y
CU42463	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42463	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42463	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42463	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42463	PFOA/PFOS - Soil Extraction	10/03/25	10/13/25	10/13/25		Y
CU42463	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42463	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42463	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42463	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42463	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42463	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42463	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42463	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42464	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y

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CU42464	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42464	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42464	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42464	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42464	Pesticides - Soil	10/03/25	10/15/25	10/17/25	AW	Y
CU42464	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42464	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42464	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42464	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42464	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42464	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Semivolatiles	10/03/25	10/15/25	10/16/25	PS	Y
CU42464	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42464	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42464	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42464	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	1,4-Dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42465	Aluminum	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Antimony	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Arsenic	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Barium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Beryllium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Cadmium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Calcium	10/03/25	10/06/25	10/08/25	CPP	Y

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NY Analytical Services Protocol Format

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Gallagher Basset Technical Services 22003-0092

CU42465	Chlorinated Herbicides	10/03/25	10/12/25	10/13/25	JRB	Y
CU42465	Chromium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Chromium, Hex. (SW3060A digestio	10/03/25	10/10/25	10/10/25	NP	Y
CU42465	Cobalt	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Copper	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Iron	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Lead	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Magnesium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Manganese	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Mercury	10/03/25	10/09/25	10/09/25	AJ1	Y
CU42465	Nickel	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Percent Solid	10/03/25	10/06/25	10/06/25	CV	Y
CU42465	Pesticides - Soil	10/03/25	10/15/25	10/16/25	AW	Y
CU42465	PFAS (40) by EPA 1633A	10/03/25	10/11/25	10/11/25		Y
CU42465	PFOA/PFOS - Soil Extraction	10/03/25	10/10/25	10/10/25		Y
CU42465	pH at 25C - Soil	10/03/25	10/06/25	10/06/25	KG	Y
CU42465	Polychlorinated Biphenyls	10/03/25	10/15/25	10/16/25	SC	Y
CU42465	Potassium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Redox Potential	10/03/25	10/06/25	10/06/25	KG	Y
CU42465	Selenium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Semivolatiles	10/03/25	10/15/25	10/15/25	PS	Y
CU42465	Silver	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Sodium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Thallium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Total Cyanide (SW9010C Distill.)	10/03/25	10/13/25	10/13/25	I/J/G	Y
CU42465	Vanadium	10/03/25	10/06/25	10/08/25	CPP	Y
CU42465	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42465	Zinc	10/03/25	10/06/25	10/08/25	CPP	Y
CU42466	1,4-dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42466	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU42467	PFAS (40) by EPA 1633A	10/03/25	10/10/25	10/10/25		Y
CU42467	PFOA/PFOS - Water Extraction	10/03/25	10/09/25	10/09/25		Y
CU42468	1,4-dioxane	10/03/25	10/11/25	10/11/25	PS	Y
CU42468	Volatiles	10/03/25	10/11/25	10/11/25	PS	Y
CU43030	PFAS (40) by EPA 1633A	10/06/25	10/09/25	10/09/25		Y
CU43030	PFOA/PFOS - Water Extraction	10/06/25	10/09/25	10/09/25		Y

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NY # 11301

SDG Comments

November 26, 2025

SDG I.D.: GCU42448

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.
Compounds that are detected above MDL but below RL are qualified with a J flag

CU42452 - Client low level was analyzed and the analyst requested a Phoenix prepared low level.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Version 3: Alachlor added to Pesticide list/ corrected PFAS units.

Version 4: Updated ASP to reflect above changes Complete report with raw data.

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NY # 11301

Sample Id Cross Reference

November 26, 2025

SDG I.D.: GCU42448

Project ID: 22003-0092

Client Id	Lab Id	Matrix	Col Date
2SB-15 SURF	CU42448	SOIL	10/03/25 9:50
2SB-15 0-5	CU42449	SOIL	10/03/25 9:00
2SB-15 10-12	CU42450	SOIL	10/03/25 9:00
2SB-16 SURF	CU42451	SOIL	10/03/25 10:05
2SB-16 10-12	CU42452	SOIL	10/03/25 10:15
2SB-17 SURF	CU42453	SOIL	10/03/25 10:55
2SB-17 0-5	CU42454	SOIL	10/03/25 11:05
2SB-17 10-12	CU42455	SOIL	10/03/25 11:20
2SB-18 SURF	CU42456	SOIL	10/03/25 9:55
2SB-18 10-15	CU42457	SOIL	10/03/25 9:40
2SB-19 SURF	CU42458	SOIL	10/03/25 13:40
2SB-19 0-5	CU42459	SOIL	10/03/25 11:55
2SB-19 10-13	CU42460	SOIL	10/03/25 12:00
2SB-20 SURF	CU42461	SOIL	10/03/25 13:50
2SB-20 0-5	CU42462	SOIL	10/03/25 13:45
2SB-20 5-8	CU42463	SOIL	10/03/25 13:45
DUP-20251003	CU42464	SOIL	10/03/25 13:50
DUP2-20251003	CU42465	SOIL	10/03/25 0:00
TB-20251003 LL	CU42466	SOIL	10/03/25 0:00
FB-20251003	CU42467	FIELD BLANK	10/03/25 0:00
TB HL	CU42468	SOIL	10/03/25 0:00
EB-20251003	CU43030	WATER	10/06/25 8:07

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Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	9:50
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42448

Project ID: 22003-0092
Client ID: 2SB-15 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	JLI		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/07/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	91			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.50	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	40.6			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/14/25	RB/S/U	SW3546	
Total Cyanide	ND	0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	13300	38	7.6	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.8	3.8	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	5.65	0.76	0.76	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	205	0.8	0.38	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.63	0.31	0.15	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	0.62	0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-15 SURF

Phoenix I.D.: CU42448

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	14400		38	35	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	19.1		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	10.0		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
copper	36.8		0.8	0.38	mg/kg	1	10/08/25	CPP	SW6010D
iron	24700		3.8	3.8	mg/Kg	1	10/08/25	CPP	SW6010D
lead	667	*	0.8	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	7090		3.8	3.8	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	569		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.52		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	25.4		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1700	N	76	30	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	118		8	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	32.0		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	284		0.8	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	60				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	67				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	51				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	48				%	2	10/16/25	SC	30 - 150 %
% TCMX	58				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	55				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	0.0071		0.0022	0.0022	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	0.013		0.0022	0.0022	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.069	0.0022	0.0022	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	0.0089	0.0037	0.0037	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	0.0055	0.0037	0.0037	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0073	0.0073	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	47			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	55			%	2	10/16/25	AW	30 - 150 %
% TCMX	52			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0073	0.0016	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.11	0.058	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.044	0.0073	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.037	0.0073	mg/Kg	1	10/11/25	PS	SW8260D

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4-methyl-2-pentanone	ND	0.037	0.0073	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.073	0.0073	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0073	0.0037	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0073	0.0029	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.073	0.073	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.015	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.037	0.0073	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.073	0.029	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0073	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0073	0.00073	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0073	0.0073	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	84			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	101			%	1	10/11/25	PS	70 - 130 %

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% Toluene-d8	95				%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.37	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.072	0.072	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.59	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.26	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.59	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.37	0.066	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.44	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.59	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.37	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.26	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.59	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.37	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.37	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.3		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.29		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	0.39		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.19	J	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	0.13	J	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND		0.73	0.15	mg/Kg	1	10/15/25	PS	SW8270E	

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Benzyl Alcohol	ND		0.37	0.37	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.26	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.37	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.26	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.37	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.26		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.73	0.37	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.26	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.49		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.26	0.26	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.19	J	0.26	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.26	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.37	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.37	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.37	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.35		0.26	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.26	0.066	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.38		0.26	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	81				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	58				%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	52				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorophenol	44				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	65				%	1	10/14/25	MR	30 - 130 %	
% Nitrobenzene-d5	63				%	1	10/15/25	PS	30 - 130 %	
% Phenol-d5	52				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	71				%	1	10/14/25	MR	30 - 130 %	
% Terphenyl-d14	43				%	1	10/15/25	PS	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.734	0.212	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.734	0.216	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.734	0.264	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.734	0.111	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.917	0.341	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.59	0.807	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND		4.59	0.661	ug/kg	1	10/13/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.734	0.198	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.734	0.138	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.734	0.167	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.183	0.0614	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.183	0.0550	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.83	0.635	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.367	0.0495	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.183	0.0642	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.183	0.0624	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.83	0.647	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0475	J	0.183	0.0422	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.183	0.0504	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.183	0.0294	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.183	0.0468	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.313		0.183	0.0477	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.183	0.0578	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.134	J	0.183	0.0835	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.292		0.183	0.0367	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.183	0.00642	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.280		0.183	0.0422	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.733	J	0.734	0.150	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.183	0.0486	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.456		0.183	0.0128	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.92		0.183	0.0541	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	1.12		0.183	0.0257	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.183	0.0339	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.316	J	0.367	0.0770	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.183	0.0853	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.108	J	0.183	0.0495	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.310		0.183	0.0348	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.367	0.0715	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.367	0.0752	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.367	0.108	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	89.3				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	123.				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	105.				%	1	10/13/25		20 - 130 %	C
% M3PFBS	95.8				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	93.7				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	93.9				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	90.0				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	96.9				%	1	10/13/25		35 - 130 %	C
% M6PFDA	97.1				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	103.				%	1	10/13/25		40 - 130 %	C
% M8FOSA	93.9				%	1	10/13/25		40 - 130 %	C
% M8PFOA	94.0				%	1	10/13/25		40 - 130 %	C
% M8PFOS	95.5				%	1	10/13/25		40 - 130 %	C
% M9PFNA	98.8				%	1	10/13/25		40 - 130 %	C
% MPFBA	101.				%	1	10/13/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	102.			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	125.			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	137.			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	81.1			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	76.9			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	65.5			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	70.7			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	96.7			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	92.8			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

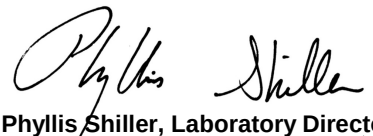
Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	9:00
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42449

Project ID: 22003-0092
Client ID: 2SB-15 0-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					10/15/25			
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/07/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	95			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.70	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	136			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/14/25	RB/S/U	SW3546	
Total Cyanide	ND	0.53	0.263	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	16200	33	6.7	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.3	3.3	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	3.33	0.67	0.67	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	81.4	0.7	0.33	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.63	0.27	0.13	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
calcium	1110		3.3	3.1	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	16.3		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	10.3		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
copper	19.4		0.7	0.33	mg/kg	1	10/08/25	CPP	SW6010D
iron	23600		3.3	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
lead	66.5	*	0.7	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	4000		3.3	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	838		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.23		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	18.3		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1270	N	67	26	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.3	1.1	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	68		7	2.9	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	24.4		0.33	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	80.3		0.7	0.33	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	55				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	57				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	64				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	60				%	2	10/16/25	SC	30 - 150 %
% TCMX	59				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.034	0.034	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.034	0.034	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	63			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	64			%	2	10/16/25	AW	30 - 150 %
% TCMX	56			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0061	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.091	0.048	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.036	0.0061	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.03	0.0061	mg/Kg	1	10/11/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.03	0.0061	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.061	0.0061	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0061	0.003	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0061	0.0024	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.061	0.061	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.03	0.0061	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.061	0.024	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0061	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0061	0.00061	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0061	0.0061	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	90			%	1	10/11/25	PS	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	97			%	1	10/11/25	PS	70 - 130 %	
% Toluene-d8	99			%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.24	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.083	0.083	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.56	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.24	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.24	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.56	0.24	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.42	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.56	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.24	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.56	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.35	4	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND	0.69	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.24	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.24	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.35	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.24	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.35	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.17	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.69	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.24	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.24	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.24	0.24	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.35	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.17	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.35	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.24	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.24	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	89			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	57			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	65			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	45			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	68			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	65			%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	54			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	49			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	96			%	1	10/14/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND		0.652	0.188	ug/kg	1	10/13/25	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.652	0.192	ug/kg	1	10/13/25	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.652	0.235	ug/kg	1	10/13/25	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	0.118	J	0.652	0.0986	ug/kg	1	10/13/25	EPA 1633A	C
3:3FTCA	ND		0.815	0.303	ug/kg	1	10/13/25	EPA 1633A	C
5:3FTCA	ND		4.08	0.717	ug/kg	1	10/13/25	EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.08	0.588	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.652	0.176	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.652	0.123	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.652	0.148	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.163	0.0546	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.163	0.0489	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.63	0.564	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.326	0.0440	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.163	0.0570	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.163	0.0554	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.63	0.574	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.163	0.0375	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.163	0.0448	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.163	0.0261	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.163	0.0416	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.163	0.0424	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.163	0.0513	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.163	0.0742	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0366	J	0.163	0.0326	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.163	0.00570	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.163	0.0375	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.652	0.134	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.163	0.0432	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.163	0.0114	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.160	J	0.163	0.0481	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.180		0.163	0.0228	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.163	0.0302	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.326	0.0685	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.163	0.0758	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.163	0.0440	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.163	0.0310	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.326	0.0636	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.326	0.0668	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.326	0.0962	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	94.6				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	90.1				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	82.9				%	1	10/13/25		20 - 130 %	C
% M3PFBS	88.3				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	92.2				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	93.6				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	86.5				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	91.6				%	1	10/13/25		35 - 130 %	C
% M6PFDA	98.6				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	102.				%	1	10/13/25		40 - 130 %	C
% M8FOSA	76.2				%	1	10/13/25		40 - 130 %	C
% M8PFOA	92.3				%	1	10/13/25		40 - 130 %	C
% M8PFOS	90.3				%	1	10/13/25		40 - 130 %	C
% M9PFNA	96.4				%	1	10/13/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	101.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	89.9			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	89.6			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	94.2			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	59.1			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	57.3			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	49.5			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	56.8			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	101.			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	88.7			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	9:00
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42450

Project ID: 22003-0092
Client ID: 2SB-15 10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.37	0.37	mg/Kg	1	10/07/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	93			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.09	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	150			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/14/25	RB/S/U	SW3546	
Total Cyanide	ND	0.54	0.269	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	16100	32	6.5	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.2	3.2	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	6.05	0.65	0.65	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	67.5	0.6	0.32	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.89	0.26	0.13	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	0.37	0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	9910		3.2	3.0	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	21.1		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	15.0		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
copper	42.4		0.6	0.32	mg/kg	1	10/08/25	CPP	SW6010D
iron	33300		3.2	3.2	mg/Kg	1	10/08/25	CPP	SW6010D
lead	16.9	*	0.6	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	6000		3.2	3.2	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	648		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	ND		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	31.8		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	2010	N	65	25	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.3	1.1	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	157		6	2.8	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	22.7		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	91.4		0.6	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	53				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	59				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	61				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	59				%	2	10/16/25	SC	30 - 150 %
% TCMX	59				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	54			%	2	10/16/25	AW	30 - 150 %
% TCMX	55			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	54			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0058	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.087	0.046	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.058	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0058	0.0029	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0058	0.0023	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.058	0.058	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.058	0.023	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0058	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	87			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	100			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100			%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.085	0.085	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.35	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.35	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.71	0.14	mg/Kg	1	10/15/25	PS	SW8270E	

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Phoenix I.D.: CU42450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.091	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.35	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.35	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.71	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.091	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.35	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	87			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	55			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	66			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	44			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	63			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	76			%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	50			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	48			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	97			%	1	10/14/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.662	0.191	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.662	0.194	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.662	0.238	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.662	0.100	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND	0.827	0.308	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND	4.14	0.728	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND	4.14	0.596	ug/kg	1	10/13/25		EPA 1633A	C

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Phoenix I.D.: CU42450

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND	0.662	0.179	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND	0.662	0.125	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND	0.662	0.150	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND	0.165	0.0554	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND	0.165	0.0496	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND	1.65	0.572	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND	0.331	0.0447	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND	0.165	0.0579	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND	0.165	0.0563	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND	1.65	0.583	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.165	0.0380	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.165	0.0455	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.165	0.0265	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.165	0.0422	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.165	0.0430	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.165	0.0521	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.165	0.0753	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.165	0.0331	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.165	0.00579	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.165	0.0380	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.662	0.136	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.165	0.0438	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.165	0.0116	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.165	0.0488	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.165	0.0232	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.165	0.0306	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.331	0.0695	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.165	0.0769	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.165	0.0447	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.165	0.0314	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND	0.331	0.0645	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND	0.331	0.0678	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND	0.331	0.0976	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	77.9			%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	75.2			%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	68.9			%	1	10/13/25		20 - 130 %	C
% M3PFBS	80.6			%	1	10/13/25		40 - 135 %	C
% M3PFHxS	79.1			%	1	10/13/25		40 - 130 %	C
% M4PFHpA	80.7			%	1	10/13/25		40 - 130 %	C
% M5PFHxA	75.7			%	1	10/13/25		40 - 130 %	C
% M5PFPeA	80.8			%	1	10/13/25		35 - 130 %	C
% M6PFDA	77.1			%	1	10/13/25		40 - 130 %	C
% M7PFUdA	82.3			%	1	10/13/25		40 - 130 %	C
% M8FOSA	73.6			%	1	10/13/25		40 - 130 %	C
% M8PFOA	77.0			%	1	10/13/25		40 - 130 %	C
% M8PFOS	77.9			%	1	10/13/25		40 - 130 %	C
% M9PFNA	77.4			%	1	10/13/25		40 - 130 %	C
% MPFBA	101.			%	1	10/13/25		8 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	70.8			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	51.7			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	57.1			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	65.1			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	62.9			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	49.6			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	59.7			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	78.0			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	80.8			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	10:05
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42451

Project ID: 22003-0092
Client ID: 2SB-16 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.39	0.39	mg/Kg	1	10/07/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	91			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.37	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	139			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/14/25	RB/S/U	SW3546	
Total Cyanide	ND	0.55	0.275	mg/Kg	1	10/10/25	EG	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	10000	35	7.0	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	5.94	0.70	0.70	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	187	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.47	0.28	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	0.49	0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-16 SURF

Phoenix I.D.: CU42451

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	4790		3.5	3.2	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	13.2		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	6.31		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
copper	29.3		0.7	0.35	mg/kg	1	10/08/25	CPP	SW6010D
iron	16300		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
lead	500	*	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	3300		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	548		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.36		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	16.7		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1180	N	70	27	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		2.0	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	50		7	3.0	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	24.1		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	238		0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	59				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	65				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	58				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	55				%	2	10/16/25	SC	30 - 150 %
% TCMX	60				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	56				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	0.0079		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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4,4' -DDT	0.01	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	47			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	56			%	2	10/16/25	AW	30 - 150 %
% TCMX	52			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	52			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.38	0.077	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0066	0.0014	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.38	0.077	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.38	0.077	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.38	0.077	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.1	0.053	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.04	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.033	0.0066	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.033	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.066	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0066	0.0033	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0066	0.0027	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
methyl acetate	ND	0.066	0.066	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.033	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
o-xylene	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
styrene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.066	0.027	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.38	0.038	mg/Kg	50	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0066	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	83			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	96			%	1	10/11/25	PS	70 - 130 %

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% Toluene-d8	96				%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	103				%	50	10/11/25	PS	70 - 130 %	
% Bromofluorobenzene	102				%	50	10/11/25	PS	70 - 130 %	
% Dibromofluoromethane	101				%	50	10/11/25	PS	70 - 130 %	
% Toluene-d8	100				%	50	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.36	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.072	0.072	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.58	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.58	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.44	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.58	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.58	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.36	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.16	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.17	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Benzo(b)fluoranthene	0.26		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.12	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND		0.73	0.15	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.36	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.36	0.29	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.15	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.73	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.094	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.23	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.14	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	0.13	J	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.18	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	72				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	48				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	60				%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	38				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	60				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	67				%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	46				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	38				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	77				%	1	10/14/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.721	0.208	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.721	0.212	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.721	0.260	ug/kg	1	10/13/25		EPA 1633A	C

Ver 4

Project ID: 22003-0092
Client ID: 2SB-16 SURF

Phoenix I.D.: CU42451

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.721	0.109	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.901	0.335	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.51	0.793	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND		4.51	0.650	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.721	0.195	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.721	0.136	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.721	0.164	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.180	0.0604	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	0.200		0.180	0.0541	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.80	0.624	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.360	0.0487	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.180	0.0631	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.180	0.0613	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.80	0.635	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.105	J	0.180	0.0415	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.180	0.0496	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.180	0.0288	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.180	0.0460	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.720		0.180	0.0469	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.180	0.0568	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.287		0.180	0.0820	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.135	J	0.180	0.0360	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.180	0.00631	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.135	J	0.180	0.0415	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.721	0.148	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.180	0.0478	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.386		0.180	0.0126	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	3.05		0.180	0.0532	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.683		0.180	0.0252	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.180	0.0333	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.148	J	0.360	0.0757	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.180	0.0838	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.0787	J	0.180	0.0487	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.310		0.180	0.0342	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.360	0.0703	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.360	0.0739	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.360	0.106	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	92.4				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	118.				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	109.				%	1	10/13/25		20 - 130 %	C
% M3PFBS	94.6				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	94.3				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	94.7				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	86.6				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	95.9				%	1	10/13/25		35 - 130 %	C
% M6PFDA	96.1				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	105.				%	1	10/13/25		40 - 130 %	C
% M8FOSA	89.6				%	1	10/13/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	94.4			%	1	10/13/25		40 - 130 %	C
% M8PFOS	87.8			%	1	10/13/25		40 - 130 %	C
% M9PFNA	94.6			%	1	10/13/25		40 - 130 %	C
% MPFBA	103.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	103.			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	123.			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	137.			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	75.6			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	71.0			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	59.7			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	66.0			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	97.4			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	89.0			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	10:15
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42452

Project ID: 22003-0092
Client ID: 2SB-16 10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/07/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	94			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.32	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	131			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.53	0.266	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14600	38	7.6	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.8	3.8	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	4.95	0.76	0.76	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	98.8	0.8	0.38	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.66	0.30	0.15	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	ND	0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	31500		38	35	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	19.3		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	9.58		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
copper	29.9		0.8	0.38	mg/kg	1	10/08/25	CPP	SW6010D
iron	28000		3.8	3.8	mg/Kg	1	10/08/25	CPP	SW6010D
lead	105	*	0.8	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	7980		3.8	3.8	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	594		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.06		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	23.9		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	2160	N	76	30	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	154		8	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	22.3		0.38	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	101		0.8	0.38	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	58				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	72				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	68				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	63				%	2	10/16/25	SC	30 - 150 %
% TCMX	64				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	60				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.034	0.034	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.034	0.034	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	75			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	62			%	2	10/16/25	AW	30 - 150 %
% TCMX	60			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	58			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.33	0.067	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0059	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.33	0.067	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.33	0.067	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.33	0.067	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.088	0.047	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0059	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.029	0.0059	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-methyl-2-pentanone	ND	0.029	0.0059	mg/Kg	1	10/11/25	PS	SW8260D	
acetone	ND	0.059	0.0059	mg/Kg	1	10/11/25	PS	SW8260D	
acrolein	ND	0.0059	0.0029	mg/Kg	1	10/11/25	PS	SW8260D	
acrylonitrile	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
benzene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
bromochloromethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
bromodichloromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
Bromoform	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
bromomethane	ND	0.0059	0.0023	mg/Kg	1	10/11/25	PS	SW8260D	
carbon disulfide	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
carbon tetrachloride	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
chlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
chloroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
chloroform	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
chloromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
cis-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
cis-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
cyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
dibromochloromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
dibromomethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
dichlorodifluoromethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
ethyl benzene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
hexachlorobutadiene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
isopropylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
methyl acetate	ND	0.059	0.059	mg/Kg	1	10/11/25	PS	SW8260D	
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
methylcyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
methylene chloride	ND	0.029	0.0059	mg/Kg	1	10/11/25	PS	SW8260D	
n-butylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
n-propylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
o-xylene	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
p- & m- xylenes	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
p-isopropyltoluene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
sec-butylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
styrene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
tert-butyl alcohol	ND	0.059	0.023	mg/Kg	1	10/11/25	PS	SW8260D	
tert-butylbenzene	ND	0.33	0.033	mg/Kg	50	10/11/25	PS	SW8260D	
tetrachloroethylene	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
toluene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
trans-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
trans-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
trichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
trichlorofluoromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D	
vinyl chloride	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D	
xylenes, total	ND	0.0059	0.0059	mg/Kg	1	10/11/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	126			%	1	10/11/25	PS	70 - 130 %	
% Bromofluorobenzene	68			%	1	10/11/25	PS	70 - 130 %	3
% Dibromofluoromethane	121			%	1	10/11/25	PS	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	95			%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	103			%	50	10/11/25	PS	70 - 130 %	
% Bromofluorobenzene	102			%	50	10/11/25	PS	70 - 130 %	
% Dibromofluoromethane	103			%	50	10/11/25	PS	70 - 130 %	
% Toluene-d8	100			%	50	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.084	0.084	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.56	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.56	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.35	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.42	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.56	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.56	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.35	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.71	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND	0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.091	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.35	0.095	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.35	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.71	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.091	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.35	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	63			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	70			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	69			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	74			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	75			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	70			%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	72			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	75			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	88			%	1	10/14/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.653	0.188	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.653	0.192	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.653	0.235	ug/kg	1	10/13/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.653	0.0988	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.816	0.304	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.08	0.718	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND		4.08	0.588	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.653	0.176	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.653	0.123	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.653	0.148	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.163	0.0547	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.163	0.0490	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.63	0.565	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.326	0.0441	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.163	0.0571	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.163	0.0555	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.63	0.576	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.163	0.0376	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.163	0.0449	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.163	0.0261	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.163	0.0416	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.163	0.0424	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.163	0.0514	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.163	0.0743	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.163	0.0326	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.163	0.00571	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.163	0.0376	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.653	0.134	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.163	0.0433	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0300	J	0.163	0.0114	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.197		0.163	0.0482	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0798	J	0.163	0.0228	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.163	0.0302	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.326	0.0686	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.163	0.0759	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.163	0.0441	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.163	0.0310	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.326	0.0637	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.326	0.0669	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.326	0.0963	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	94.8				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	95.0				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	85.8				%	1	10/13/25		20 - 130 %	C
% M3PFBS	91.2				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	91.6				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	90.2				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	84.2				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	92.7				%	1	10/13/25		35 - 130 %	C
% M6PFDA	94.3				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	99.3				%	1	10/13/25		40 - 130 %	C
% M8FOSA	82.6				%	1	10/13/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	90.7			%	1	10/13/25		40 - 130 %	C
% M8PFOS	91.6			%	1	10/13/25		40 - 130 %	C
% M9PFNA	92.7			%	1	10/13/25		40 - 130 %	C
% MPFBA	103.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	86.6			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	69.4			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	75.2			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	71.9			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	65.0			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	60.0			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	70.3			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	104.			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	87.4			%	1	10/13/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
The client provided LL and/or HL was not useable; soil jar was used.
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	10:55
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42453

Project ID: 22003-0092
Client ID: 2SB-17 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
PFAS (40) by EPA 1633 (Re-extraction)	Completed					10/16/25		EPA 1633A	
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.41	0.41	mg/Kg	1	10/07/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	92			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	10.6	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	41.1			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.54	0.272	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	13800	35	7.0	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	4.96	0.70	0.70	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	368	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.58	0.28	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.46		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
calcium	47700		35	32	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	20.4		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	8.56		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
copper	27.2		0.7	0.35	mg/kg	1	10/08/25	CPP	SW6010D
iron	23100		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
lead	1120	*	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	5820		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	600		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.24		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	18.6		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1780	N	70	27	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	283		7	3.0	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	21.9		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	206		0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	66				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	72				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	63				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	58				%	2	10/16/25	SC	30 - 150 %
% TCMX	58				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	55				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	61			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	56			%	2	10/16/25	AW	30 - 150 %
% TCMX	52			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	52			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0065	0.0014	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.097	0.052	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	0.0073	J 0.039	0.0065	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-hexanone	ND	0.032	0.0065	mg/Kg	1	10/11/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.032	0.0065	mg/Kg	1	10/11/25	PS	SW8260D
acetone	0.079	S 0.065	0.0065	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0065	0.0032	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0065	0.0026	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.065	0.065	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.032	0.0065	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.065	0.026	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0065	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0065	0.00065	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0065	0.0065	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	94			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	92			%	1	10/11/25	PS	70 - 130 %	
% Toluene-d8	99			%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.085	0.085	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.58	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.58	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.58	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.58	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzoic acid	ND		0.72	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.36	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.72	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.15	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.36	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.25	0.065	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.13	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	10				%	1	10/15/25	PS	30 - 130 %	3
% 2-Fluorobiphenyl	61				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	67				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	52				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	63				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	70				%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	63				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	67				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	96				%	1	10/14/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.717	0.207	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.717	0.210	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.717	0.258	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.717	0.108	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.896	0.333	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.48	0.788	ug/kg	1	10/13/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.48	0.646	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.717	0.194	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.717	0.135	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.717	0.163	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.179	0.0600	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.179	0.0538	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.79	0.620	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.358	0.0484	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.179	0.0627	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.179	0.0609	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.79	0.632	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.179	0.0412	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.179	0.0493	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.179	0.0287	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.179	0.0457	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.179	0.0466	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.179	0.0564	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.179	0.0815	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.179	0.0358	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.179	0.00627	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.179	0.0412	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.717	0.147	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.179	0.0475	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.179	0.0125	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.294		0.179	0.0529	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.104	J	0.179	0.0251	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.179	0.0332	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.358	0.0753	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	0.0874	J	0.179	0.0833	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.0772	J	0.179	0.0484	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.0450	J	0.179	0.0340	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.358	0.0699	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.358	0.0735	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.358	0.106	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	75.3				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	79.2				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	80.3				%	1	10/13/25		20 - 130 %	C
% M3PFBS	89.1				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	87.4				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	83.5				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	76.9				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	84.4				%	1	10/13/25		35 - 130 %	C
% M6PFDA	81.7				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	83.4				%	1	10/13/25		40 - 130 %	C
% M8FOSA	76.6				%	1	10/13/25		40 - 130 %	C
% M8PFOA	82.3				%	1	10/13/25		40 - 130 %	C
% M8PFOS	85.0				%	1	10/13/25		40 - 130 %	C
% M9PFNA	82.5				%	1	10/13/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	104.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	73.4			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	36.7			%	1	10/13/25		40 - 135 %	C,3
% d5-N-EtFOSAA	51.7			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	67.1			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	64.8			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	61.6			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	66.2			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	76.5			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	89.0			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil (RE)

11Cl-PF3OUdS	ND		0.816	0.236	ug/kg	1	10/16/25		EPA 1633A
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.816	0.240	ug/kg	1	10/16/25		EPA 1633A
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.816	0.294	ug/kg	1	10/16/25		EPA 1633A
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.816	0.123	ug/kg	1	10/16/25		EPA 1633A
3:3FTCA	ND		1.02	0.379	ug/kg	1	10/16/25		EPA 1633A
5:3FTCA	ND		5.10	0.898	ug/kg	1	10/16/25		EPA 1633A
7:3FTCA	ND		5.10	0.735	ug/kg	1	10/16/25		EPA 1633A
9Cl-PF3ONS	ND		0.816	0.220	ug/kg	1	10/16/25		EPA 1633A
ADONA	ND		0.816	0.154	ug/kg	1	10/16/25		EPA 1633A
HFPO-DA	ND		0.816	0.186	ug/kg	1	10/16/25		EPA 1633A
NEtFOSA	ND		0.204	0.0683	ug/kg	1	10/16/25		EPA 1633A
NEtFOSAA	ND		0.204	0.0612	ug/kg	1	10/16/25		EPA 1633A
NEtFOSE	ND		2.04	0.706	ug/kg	1	10/16/25		EPA 1633A
NFDHA	ND		0.408	0.0551	ug/kg	1	10/16/25		EPA 1633A
NMeFOSA	ND		0.204	0.0714	ug/kg	1	10/16/25		EPA 1633A
NMeFOSAA	ND		0.204	0.0694	ug/kg	1	10/16/25		EPA 1633A
NMeFOSE	ND		2.04	0.719	ug/kg	1	10/16/25		EPA 1633A
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.204	0.0469	ug/kg	1	10/16/25		EPA 1633A
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.204	0.0561	ug/kg	1	10/16/25		EPA 1633A
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.204	0.0326	ug/kg	1	10/16/25		EPA 1633A
Perfluorobutanesulfonic acid (PFBS)	ND		0.204	0.0520	ug/kg	1	10/16/25		EPA 1633A
Perfluorodecanoic acid (PFDA)	ND		0.204	0.0530	ug/kg	1	10/16/25		EPA 1633A
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.204	0.0642	ug/kg	1	10/16/25		EPA 1633A
Perfluorododecanoic acid (PFDoA)	ND		0.204	0.0928	ug/kg	1	10/16/25		EPA 1633A
Perfluoroheptanoic acid (PFHpA)	ND		0.204	0.0408	ug/kg	1	10/16/25		EPA 1633A
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.204	0.00714	ug/kg	1	10/16/25		EPA 1633A
Perfluorohexanoic acid (PFHxA)	ND		0.204	0.0469	ug/kg	1	10/16/25		EPA 1633A
Perfluoro-n-butanoic acid (PFBA)	ND		0.816	0.167	ug/kg	1	10/16/25		EPA 1633A
Perfluorononanesulfonic Acid (PFNS)	ND		0.204	0.0540	ug/kg	1	10/16/25		EPA 1633A
Perfluorononanoic acid (PFNA)	ND		0.204	0.0143	ug/kg	1	10/16/25		EPA 1633A
Perfluorooctanesulfonic Acid (PFOS)	0.306		0.204	0.0602	ug/kg	1	10/16/25		EPA 1633A
Perfluorooctanoic acid (PFOA)	0.0846	J	0.204	0.0286	ug/kg	1	10/16/25		EPA 1633A
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.204	0.0377	ug/kg	1	10/16/25		EPA 1633A
Perfluoropentanoic acid (PFPeA)	ND		0.408	0.0857	ug/kg	1	10/16/25		EPA 1633A
Perfluorotetradecanoic acid (PFTA)	ND		0.204	0.0948	ug/kg	1	10/16/25		EPA 1633A

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorotridecanoic acid (PFTrDA)	ND	0.204	0.0551	ug/kg	1	10/16/25		EPA 1633A	
Perfluoroundecanoic acid (PFUnA)	ND	0.204	0.0388	ug/kg	1	10/16/25		EPA 1633A	
PFEESA	ND	0.408	0.0796	ug/kg	1	10/16/25		EPA 1633A	
PFMBA	ND	0.408	0.0836	ug/kg	1	10/16/25		EPA 1633A	
PFMPA	ND	0.408	0.120	ug/kg	1	10/16/25		EPA 1633A	
QA/QC Surrogates									
% M2-6:2FTS	82.5			%	1	10/16/25		40 - 215 %	
% M2-8:2FTS	75.4			%	1	10/16/25		40 - 275 %	
% M2PFTeDA	57.0			%	1	10/16/25		20 - 130 %	
% M3PFBS	97.8			%	1	10/16/25		40 - 135 %	
% M3PFHxS	90.8			%	1	10/16/25		40 - 130 %	
% M4PFHpA	87.3			%	1	10/16/25		40 - 130 %	
% M5PFHxA	86.2			%	1	10/16/25		40 - 130 %	
% M5PFPeA	90.1			%	1	10/16/25		35 - 130 %	
% M6PFDA	81.4			%	1	10/16/25		40 - 130 %	
% M7PFUdA	78.3			%	1	10/16/25		40 - 130 %	
% M8FOSA	76.8			%	1	10/16/25		40 - 130 %	
% M8PFOA	86.2			%	1	10/16/25		40 - 130 %	
% M8PFOS	81.7			%	1	10/16/25		40 - 130 %	
% M9PFNA	83.6			%	1	10/16/25		40 - 130 %	
% MPFBA	100.			%	1	10/16/25		8 - 130 %	
% MPFDoA	62.7			%	1	10/16/25		40 - 130 %	

PFAS (40) by EPA 1633, Soil (RE)

QA/QC Surrogates									
% d3-N-MeFOSAA	34.0			%	1	10/16/25		40 - 135 %	3
% d5-N-EtFOSAA	42.2			%	1	10/16/25		40 - 150 %	
% d7-N-MeFOSE	62.7			%	1	10/16/25		20 - 130 %	
% d9-N-EtFOSE	62.9			%	1	10/16/25		15 - 130 %	
% d-N-EtFOSA	59.8			%	1	10/16/25		10 - 130 %	
% d-N-MeFOSA	65.2			%	1	10/16/25		10 - 130 %	
% M2-4:2 FTS	78.1			%	1	10/16/25		40 - 165 %	
% M3HFPO-DA	98.1			%	1	10/16/25		40 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

PFAS Comment:
Low recovery outside criteria is reported for the extracted internal standard (EIS) M-NMeFOSAA-D3. Sample was re-extracted within hold time with similar results which are also included in this report.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	11:05
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42454

Project ID: 22003-0092
Client ID: 2SB-17 0-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.41	0.41	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	93			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.34	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	188			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.54	0.269	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	16700	36	7.2	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	5.28	0.72	0.72	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	86.8	0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.83	0.29	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	ND	0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	1710		3.6	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	20.9		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	12.8		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
copper	32.6		0.7	0.36	mg/kg	1	10/08/25	CPP	SW6010D
iron	31000		3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D
lead	41.3	*	0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	5360		3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	684		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.05		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	26.9		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1910	N	72	28	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	92		7	3.1	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	25.4		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	103		0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	45				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	50				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	57				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	53				%	2	10/16/25	SC	30 - 150 %
% TCMX	57				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	54				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	58			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	62			%	2	10/16/25	AW	30 - 150 %
% TCMX	53			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	53			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0057	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.085	0.046	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.034	0.0057	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.028	0.0057	mg/Kg	1	10/11/25	PS	SW8260D

Ver 4

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.028	0.0057	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.057	0.0057	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0057	0.0028	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0057	0.0023	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.057	0.057	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.028	0.0057	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.057	0.023	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0057	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0057	0.00057	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0057	0.0057	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	94			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	96			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100			%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.086	0.086	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.71	0.14	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.71	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	74			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	76			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	59			%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	79			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	82			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	64			%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	79			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	84			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	89			%	1	10/14/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.714	0.206	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.714	0.210	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.714	0.257	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.714	0.108	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND	0.892	0.332	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND	4.46	0.785	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND	4.46	0.643	ug/kg	1	10/13/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.714	0.193	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.714	0.135	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.714	0.162	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.178	0.0598	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.178	0.0535	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.78	0.618	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.357	0.0482	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.178	0.0625	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.178	0.0607	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.78	0.629	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.178	0.0410	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.178	0.0491	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.178	0.0286	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.178	0.0455	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.178	0.0464	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.178	0.0562	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.178	0.0812	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0622	J	0.178	0.0357	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.178	0.00625	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0745	J	0.178	0.0410	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.714	0.146	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.178	0.0473	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.178	0.0125	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.212		0.178	0.0526	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.212		0.178	0.0250	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.178	0.0330	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.357	0.0750	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.178	0.0830	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.178	0.0482	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.178	0.0339	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.357	0.0696	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.357	0.0732	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.357	0.105	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	84.3				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	85.4				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	83.0				%	1	10/13/25		20 - 130 %	C
% M3PFBS	79.7				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	82.4				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	85.7				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	78.9				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	86.1				%	1	10/13/25		35 - 130 %	C
% M6PFDA	85.2				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	92.1				%	1	10/13/25		40 - 130 %	C
% M8FOSA	78.9				%	1	10/13/25		40 - 130 %	C
% M8PFOA	83.9				%	1	10/13/25		40 - 130 %	C
% M8PFOS	83.6				%	1	10/13/25		40 - 130 %	C
% M9PFNA	83.8				%	1	10/13/25		40 - 130 %	C
% MPFBA	104.				%	1	10/13/25		8 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	80.6			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	75.2			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	74.9			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	66.9			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	62.0			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	54.2			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	63.7			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	87.5			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	89.2			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	11:20
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42455

Project ID: 22003-0092
Client ID: 2SB-17 10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/14/25	S/Z	SW3546	
Soil Extraction for Pesticides	Completed					10/14/25	S/Z	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.36	0.36	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	94			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	9.89	1.00	1.00	pH Units	1	10/06/25 23:16	KG	SW846 9045D	
Redox Potential	118			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.53	0.266	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	13000	35	7.1	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	4.44	0.71	0.71	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	90.2	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.66	0.28	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	ND	0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	10000		3.5	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	27.9		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	11.8		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
copper	26.3		0.7	0.35	mg/kg	1	10/08/25	CPP	SW6010D
iron	29300		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
lead	39.3	*	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	5690		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	2170		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.06		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	22.9		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	2020	N	71	28	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	165		7	3.0	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	20.8		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	71.9		0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	59				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	66				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	71				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	66				%	2	10/16/25	SC	30 - 150 %
% TCMX	68				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	64				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.034	0.034	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.034	0.034	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	64			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	59			%	2	10/16/25	AW	30 - 150 %
% TCMX	59			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	57			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.32	0.064	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0055	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.32	0.064	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.32	0.064	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.32	0.064	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.082	0.044	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.033	0.0055	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.027	0.0055	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.027	0.0055	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.055	0.0055	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0055	0.0027	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0055	0.0022	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
methyl acetate	ND	0.055	0.055	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.027	0.0055	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
o-xylene	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
styrene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.055	0.022	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.32	0.032	mg/Kg	50	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0055	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0055	0.00055	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0055	0.0055	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	116			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	83			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	101			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100				%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	103				%	50	10/11/25	PS	70 - 130 %	
% Bromofluorobenzene	102				%	50	10/11/25	PS	70 - 130 %	
% Dibromofluoromethane	101				%	50	10/11/25	PS	70 - 130 %	
% Toluene-d8	99				%	50	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.085	0.085	mg/Kg	1	10/14/25	PS	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.098	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.56	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.56	0.25	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.35	0.063	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.42	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.56	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.35	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.56	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	0.12	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.35	4.1	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	0.3		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.4		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(b)fluoranthene	0.53		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	0.27		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	0.15	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.71	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl Alcohol	ND		0.35	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.091	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.35	0.095	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.35	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.35	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	0.31		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.71	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.091	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.72		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.35		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.25	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.35	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.35	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	0.39		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.62		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	74				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	76				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	62				%	1	10/14/25	PS	30 - 130 %	
% 2-Fluorophenol	81				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	83				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	65				%	1	10/14/25	PS	30 - 130 %	
% Phenol-d5	82				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	82				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	98				%	1	10/14/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.676	0.195	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.676	0.199	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.676	0.243	ug/kg	1	10/13/25		EPA 1633A	C

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1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.676	0.102	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.845	0.314	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.22	0.744	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND		4.22	0.609	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.676	0.182	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.676	0.128	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.676	0.154	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.169	0.0566	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.169	0.0507	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.69	0.585	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.338	0.0456	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.169	0.0592	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.169	0.0575	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.69	0.596	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.169	0.0389	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.169	0.0465	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.169	0.0270	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.169	0.0431	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.169	0.0439	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.169	0.0532	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.169	0.0769	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.169	0.0338	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.169	0.00592	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.169	0.0389	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.676	0.138	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.169	0.0448	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.169	0.0118	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.103	J	0.169	0.0499	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0477	J	0.169	0.0237	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.169	0.0313	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.338	0.0710	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.169	0.0786	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.169	0.0456	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.169	0.0321	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.338	0.0659	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.338	0.0693	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.338	0.0997	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	68.5				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	67.4				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	62.5				%	1	10/13/25		20 - 130 %	C
% M3PFBS	67.3				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	71.6				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	69.9				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	63.4				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	71.3				%	1	10/13/25		35 - 130 %	C
% M6PFDA	70.6				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	72.7				%	1	10/13/25		40 - 130 %	C
% M8FOSA	63.2				%	1	10/13/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	67.8			%	1	10/13/25		40 - 130 %	C
% M8PFOS	69.4			%	1	10/13/25		40 - 130 %	C
% M9PFNA	67.9			%	1	10/13/25		40 - 130 %	C
% MPFBA	103.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	64.4			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	41.2			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	45.4			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	55.0			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	53.5			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	44.5			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	51.3			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	66.1			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	70.3			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	9:55
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42456

Project ID: 22003-0092
Client ID: 2SB-18 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/11/25	A/Z	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.42	0.42	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	91			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.15	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	116			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.55	0.275	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	12200	39	7.7	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.9	3.9	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	6.16	0.77	0.77	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	383	0.8	0.39	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.53	0.31	0.15	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	0.73	0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-18 SURF

Phoenix I.D.: CU42456

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	35400		39	36	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	17.8		0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	9.43		0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
copper	44.1		0.8	0.39	mg/kg	1	10/08/25	CPP	SW6010D
iron	23500		3.9	3.9	mg/Kg	1	10/08/25	CPP	SW6010D
lead	1640	*	0.8	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	7110		3.9	3.9	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	615		0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.49		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	22.1		0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1460	N	77	30	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	163		8	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	26.7		0.39	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	443		0.8	0.39	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	56				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	63				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.073	0.073	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	61				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
% TCMX	59				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	0.01		0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.037	0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	0.01	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	0.048	0.036	0.036	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	0.0054	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	0.007	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.0073	0.0073	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	56			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	66			%	2	10/17/25	AW	30 - 150 %
% TCMX	61			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	69			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.31	0.061	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0059	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.31	0.061	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.31	0.061	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.31	0.061	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.088	0.047	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0059	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.029	0.0059	mg/Kg	1	10/11/25	PS	SW8260D

Ver 4

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.029	0.0059	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.059	0.0059	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0059	0.0029	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0059	0.0024	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
methyl acetate	ND	0.059	0.059	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.029	0.0059	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
o-xylene	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
styrene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.059	0.024	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.31	0.031	mg/Kg	50	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0059	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0059	0.00059	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0059	0.0059	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	90			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	102			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	98				%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	103				%	50	10/11/25	PS	70 - 130 %	
% Bromofluorobenzene	103				%	50	10/11/25	PS	70 - 130 %	
% Dibromofluoromethane	100				%	50	10/11/25	PS	70 - 130 %	
% Toluene-d8	99				%	50	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.36	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.072	0.072	mg/Kg	1	10/14/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.58	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.58	0.25	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.36	0.065	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.44	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.58	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.36	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.58	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.36	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.36	4.2	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	0.21	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.29		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(b)fluoranthene	0.38		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	0.21	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.73	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl Alcohol	ND		0.36	0.36	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.094	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.36	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.36	0.36	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.36	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	0.22	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.73	0.36	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.094	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.47		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.26		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.36	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.36	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.36	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	0.21	J	0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.25	0.065	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.41		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	74				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	77				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	57				%	1	10/14/25	MR	30 - 130 %	
% 2-Fluorophenol	79				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	82				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	56				%	1	10/14/25	MR	30 - 130 %	
% Phenol-d5	80				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	81				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	72				%	1	10/14/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.663	0.192	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.663	0.195	ug/kg	1	10/13/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.663	0.239	ug/kg	1	10/13/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.663	0.100	ug/kg	1	10/13/25		EPA 1633A	C
3:3FTCA	ND		0.829	0.308	ug/kg	1	10/13/25		EPA 1633A	C
5:3FTCA	ND		4.15	0.730	ug/kg	1	10/13/25		EPA 1633A	C
7:3FTCA	ND		4.15	0.598	ug/kg	1	10/13/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.663	0.179	ug/kg	1	10/13/25		EPA 1633A	C
ADONA	ND		0.663	0.125	ug/kg	1	10/13/25		EPA 1633A	C
HFPO-DA	ND		0.663	0.151	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSA	ND		0.166	0.0556	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSAA	ND		0.166	0.0498	ug/kg	1	10/13/25		EPA 1633A	C
NEtFOSE	ND		1.66	0.574	ug/kg	1	10/13/25		EPA 1633A	C
NFDHA	ND		0.332	0.0448	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSA	ND		0.166	0.0580	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSAA	ND		0.166	0.0564	ug/kg	1	10/13/25		EPA 1633A	C
NMeFOSE	ND		1.66	0.585	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0392	J	0.166	0.0381	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.166	0.0456	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.166	0.0265	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.166	0.0423	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.135	J	0.166	0.0431	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.166	0.0522	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.166	0.0755	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0692	J	0.166	0.0332	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.166	0.00580	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0688	J	0.166	0.0381	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.663	0.136	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.166	0.0440	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.132	J	0.166	0.0116	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.43		0.166	0.0489	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.258		0.166	0.0232	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.166	0.0307	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0913	J	0.332	0.0697	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.166	0.0771	ug/kg	1	10/13/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.166	0.0448	ug/kg	1	10/13/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.108	J	0.166	0.0315	ug/kg	1	10/13/25		EPA 1633A	C
PFEESA	ND		0.332	0.0647	ug/kg	1	10/13/25		EPA 1633A	C
PFMBA	ND		0.332	0.0680	ug/kg	1	10/13/25		EPA 1633A	C
PFMPA	ND		0.332	0.0978	ug/kg	1	10/13/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	97.4				%	1	10/13/25		40 - 215 %	C
% M2-8:2FTS	111.				%	1	10/13/25		40 - 275 %	C
% M2PFTeDA	97.2				%	1	10/13/25		20 - 130 %	C
% M3PFBS	97.4				%	1	10/13/25		40 - 135 %	C
% M3PFHxS	101.				%	1	10/13/25		40 - 130 %	C
% M4PFHpA	102.				%	1	10/13/25		40 - 130 %	C
% M5PFHxA	92.8				%	1	10/13/25		40 - 130 %	C
% M5PFPeA	107.				%	1	10/13/25		35 - 130 %	C
% M6PFDA	105.				%	1	10/13/25		40 - 130 %	C
% M7PFUdA	106.				%	1	10/13/25		40 - 130 %	C
% M8FOSA	91.3				%	1	10/13/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	100.			%	1	10/13/25		40 - 130 %	C
% M8PFOS	101.			%	1	10/13/25		40 - 130 %	C
% M9PFNA	99.2			%	1	10/13/25		40 - 130 %	C
% MPFBA	103.			%	1	10/13/25		8 - 130 %	C
% MPFDoA	101.			%	1	10/13/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	113.			%	1	10/13/25		40 - 135 %	C
% d5-N-EtFOSAA	122.			%	1	10/13/25		40 - 150 %	C
% d7-N-MeFOSE	75.0			%	1	10/13/25		20 - 130 %	C
% d9-N-EtFOSE	74.4			%	1	10/13/25		15 - 130 %	C
% d-N-EtFOSA	60.0			%	1	10/13/25		10 - 130 %	C
% d-N-MeFOSA	66.7			%	1	10/13/25		10 - 130 %	C
% M2-4:2 FTS	105.			%	1	10/13/25		40 - 165 %	C
% M3HFPO-DA	99.6			%	1	10/13/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	9:40
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42457

Project ID: 22003-0092
Client ID: 2SB-18 10-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	93			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.68	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	172			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.54	0.269	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	14000	34	6.9	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.4	3.4	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	4.52	0.69	0.69	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	57.9	0.7	0.34	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.63	0.28	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	ND	0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D	

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calcium	20700		34	32	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	15.2		0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	9.97		0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
copper	25.7		0.7	0.34	mg/kg	1	10/08/25	CPP	SW6010D
iron	29300		3.4	3.4	mg/Kg	1	10/08/25	CPP	SW6010D
lead	13.7	*	0.7	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	9240		3.4	3.4	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	616		0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	ND		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	23.9		0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1490	N	69	27	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	124		7	3.0	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	20.9		0.34	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	62.8		0.7	0.34	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	58				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	72				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	60				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
% TCMX	57				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	61				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

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4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	53			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	58			%	2	10/16/25	AW	30 - 150 %
% TCMX	62			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	62			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.006	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.09	0.048	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.036	0.006	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.03	0.006	mg/Kg	1	10/11/25	PS	SW8260D

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4-methyl-2-pentanone	ND	0.03	0.006	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.06	0.006	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.006	0.003	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.006	0.0024	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.06	0.06	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.03	0.006	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.06	0.024	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.006	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.006	0.0006	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.006	0.006	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	98			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	98			%	1	10/11/25	PS	70 - 130 %

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% Toluene-d8	101			%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.07	0.07	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.57	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.57	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.57	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.36	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.57	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.36	4.2	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.72	0.14	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.36	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.36	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.36	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.72	0.36	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.25	0.092	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.36	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.18	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.36	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.36	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	66			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	54			%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	71			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorophenol	74			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	58			%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	75			%	1	10/15/25	PS	30 - 130 %	
% Phenol-d5	74			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	76			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	70			%	1	10/15/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil									
11Cl-PF3OUdS	ND	0.709	0.205	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.709	0.208	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.709	0.255	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.709	0.107	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.886	0.330	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	4.43	0.780	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND	4.43	0.639	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND	0.709	0.191	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND	0.709	0.134	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND	0.709	0.161	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND	0.177	0.0594	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND	0.177	0.0532	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND	1.77	0.613	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND	0.354	0.0478	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND	0.177	0.0620	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND	0.177	0.0603	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND	1.77	0.625	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.177	0.0408	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.177	0.0487	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.177	0.0284	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	0.0452	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.177	0.0461	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.177	0.0558	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.177	0.0806	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	0.177	0.0354	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.177	0.00620	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.177	0.0408	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.709	0.145	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.177	0.0470	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.177	0.0124	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.177	0.0523	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.177	0.0248	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.177	0.0328	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.354	0.0744	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.177	0.0824	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.177	0.0478	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.177	0.0337	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND	0.354	0.0691	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND	0.354	0.0727	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND	0.354	0.104	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates									
% M2-6:2FTS	89.9			%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	79.2			%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	49.3			%	1	10/11/25		20 - 130 %	C
% M3PFBS	81.0			%	1	10/11/25		40 - 135 %	C
% M3PFHxS	83.8			%	1	10/11/25		40 - 130 %	C
% M4PFHpA	84.2			%	1	10/11/25		40 - 130 %	C
% M5PFHxA	80.0			%	1	10/11/25		40 - 130 %	C
% M5PFPeA	88.5			%	1	10/11/25		35 - 130 %	C
% M6PFDA	84.8			%	1	10/11/25		40 - 130 %	C
% M7PFUdA	79.0			%	1	10/11/25		40 - 130 %	C
% M8FOSA	75.4			%	1	10/11/25		40 - 130 %	C
% M8PFOA	83.1			%	1	10/11/25		40 - 130 %	C
% M8PFOS	83.3			%	1	10/11/25		40 - 130 %	C
% M9PFNA	80.9			%	1	10/11/25		40 - 130 %	C
% MPFBA	102.			%	1	10/11/25		8 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	64.2			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	55.8			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	59.8			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	55.8			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	56.3			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	39.6			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	48.0			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	89.9			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	81.0			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	13:40
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42458

Project ID: 22003-0092
Client ID: 2SB-19 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.43	0.43	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	91			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.40	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	201			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.55	0.275	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	12600	37	7.4	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.7	3.7	mg/Kg	1	10/09/25	CPP	SW6010D	
arsenic	6.03	0.74	0.74	mg/Kg	1	10/09/25	CPP	SW6010D	
barium	188	0.7	0.37	mg/Kg	1	10/09/25	CPP	SW6010D	
beryllium	0.62	0.30	0.15	mg/Kg	1	10/09/25	CPP	SW6010D	
cadmium	0.58	0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-19 SURF

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	5640		3.7	3.4	mg/Kg	1	10/09/25	CPP	SW6010D
chromium	17.8		0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
cobalt	9.65		0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
copper	37.7		0.7	0.37	mg/kg	1	10/09/25	CPP	SW6010D
iron	22600		3.7	3.7	mg/Kg	1	10/09/25	CPP	SW6010D
lead	770	*	0.7	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
magnesium	4680		3.7	3.7	mg/Kg	1	10/09/25	CPP	SW6010D
manganese	644		0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
mercury	0.51		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	22.8		0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
potassium	2010	N	74	29	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/09/25	CPP	SW6010D
silver	ND		0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
sodium	106		7	3.2	mg/Kg	1	10/09/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/09/25	CPP	SW6010D
vanadium	31.1		0.37	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
zinc	266		0.7	0.37	mg/Kg	1	10/09/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	47				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	57				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.072	0.072	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	67				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	64				%	2	10/16/25	SC	30 - 150 %
% TCMX	73				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	71				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	0.009		0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B

Project ID: 22003-0092
Client ID: 2SB-19 SURF

Phoenix I.D.: CU42458

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.016	0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.036	0.036	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.02	0.02	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0036	0.0036	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.0072	0.0072	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.036	0.036	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	58			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	72			%	2	10/17/25	AW	30 - 150 %
% TCMX	70			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	78			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.43	0.085	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0075	0.0016	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.43	0.085	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.43	0.085	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.43	0.085	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.11	0.06	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.045	0.0075	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.038	0.0075	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.038	0.0075	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.075	0.0075	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0075	0.0038	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0075	0.003	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
methyl acetate	ND	0.075	0.075	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.015	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.038	0.0075	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
o-xylene	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
styrene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.075	0.03	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.43	0.043	mg/Kg	50	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0075	0.0015	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0075	0.00075	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0075	0.0075	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	83			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	99			%	1	10/11/25	PS	70 - 130 %

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% Toluene-d8	97				%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	103				%	50	10/11/25	PS	70 - 130 %	
% Bromofluorobenzene	102				%	50	10/11/25	PS	70 - 130 %	
% Dibromofluoromethane	100				%	50	10/11/25	PS	70 - 130 %	
% Toluene-d8	99				%	50	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.37	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.073	0.073	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.59	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.26	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.59	0.26	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.37	0.066	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.44	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.59	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.37	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.26	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.59	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	0.11	J	0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.37	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.37	4.2	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	0.35		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.52		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	

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Benzo(b)fluoranthene	0.69		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	0.27		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	0.2	J	0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.73	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl Alcohol	ND		0.37	0.37	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.26	0.094	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.37	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.73	0.73	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.26	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.37	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	0.4		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.73	0.37	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.26	0.094	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.86		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.26	0.26	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.37		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.37	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.37	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.37	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	0.33		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.26	0.066	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.75		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	76				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	76				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	59				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorophenol	81				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	84				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	63				%	1	10/15/25	MR	30 - 130 %	
% Phenol-d5	82				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	84				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	70				%	1	10/15/25	MR	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.784	0.226	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.784	0.230	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.784	0.282	ug/kg	1	10/11/25		EPA 1633A	C

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1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.784	0.118	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.980	0.364	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.90	0.862	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND		4.90	0.706	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.784	0.212	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.784	0.148	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.784	0.178	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.196	0.0656	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.196	0.0588	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.96	0.678	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.392	0.0529	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.196	0.0686	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.196	0.0666	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.96	0.691	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0713	J	0.196	0.0451	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.196	0.0539	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.196	0.0314	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.196	0.0500	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.342		0.196	0.0510	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.196	0.0617	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.143	J	0.196	0.0892	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.169	J	0.196	0.0392	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.196	0.00686	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.131	J	0.196	0.0451	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.784	0.161	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.196	0.0519	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.374		0.196	0.0137	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	4.20		0.196	0.0578	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	1.01		0.196	0.0274	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.196	0.0362	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.149	J	0.392	0.0823	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.196	0.0911	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.0742	J	0.196	0.0529	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.238		0.196	0.0372	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.392	0.0764	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.392	0.0803	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.392	0.116	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	119.				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	142.				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	119.				%	1	10/11/25		20 - 130 %	C
% M3PFBS	106.				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	115.				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	118.				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	109.				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	125.				%	1	10/11/25		35 - 130 %	C
% M6PFDA	116.				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	125.				%	1	10/11/25		40 - 130 %	C
% M8FOSA	113.				%	1	10/11/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	117.			%	1	10/11/25		40 - 130 %	C
% M8PFOS	124.			%	1	10/11/25		40 - 130 %	C
% M9PFNA	119.			%	1	10/11/25		40 - 130 %	C
% MPFBA	103.			%	1	10/11/25		8 - 130 %	C
% MPFDoA	124.			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	122.			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	140.			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	105.			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	104.			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	82.2			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	95.0			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	125.			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	115.			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	11:55
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42459

Project ID: 22003-0092
Client ID: 2SB-19 0-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.41	0.41	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	93			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.98	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	197			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.54	0.269	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	17100	32	6.3	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.2	3.2	mg/Kg	1	10/09/25	CPP	SW6010D	
arsenic	7.88	0.63	0.63	mg/Kg	1	10/09/25	CPP	SW6010D	
barium	106	0.6	0.32	mg/Kg	1	10/09/25	CPP	SW6010D	
beryllium	0.96	0.25	0.13	mg/Kg	1	10/09/25	CPP	SW6010D	
cadmium	0.41	0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	2530		3.2	2.9	mg/Kg	1	10/09/25	CPP	SW6010D
chromium	23.4		0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
cobalt	13.7		0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
copper	56.0		0.6	0.32	mg/kg	1	10/09/25	CPP	SW6010D
iron	37200		3.2	3.2	mg/Kg	1	10/09/25	CPP	SW6010D
lead	177	*	0.6	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
magnesium	5880		3.2	3.2	mg/Kg	1	10/09/25	CPP	SW6010D
manganese	497		0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
mercury	0.41		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	29.5		0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
potassium	1730	N	63	25	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.3	1.1	mg/Kg	1	10/09/25	CPP	SW6010D
silver	ND		0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
sodium	157		6	2.7	mg/Kg	1	10/09/25	CPP	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/09/25	CPP	SW6010D
vanadium	28.5		0.32	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
zinc	151		0.6	0.32	mg/Kg	1	10/09/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	64				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	72				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	49				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	43				%	2	10/16/25	SC	30 - 150 %
% TCMX	57				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	56				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	49			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	64			%	2	10/17/25	AW	30 - 150 %
% TCMX	60			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	60			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.32	0.065	mg/Kg	50	10/12/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0058	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.32	0.065	mg/Kg	50	10/12/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.32	0.065	mg/Kg	50	10/12/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.32	0.065	mg/Kg	50	10/12/25	PS	SW8260D
1,2-dibromoethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
1,2-dichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
1,4-dioxane	ND	0.087	0.046	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.058	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0058	0.0029	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0058	0.0023	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
isopropylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
methyl acetate	ND	0.058	0.058	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
n-propylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
o-xylene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
sec-butylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
styrene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.058	0.023	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.32	0.032	mg/Kg	50	10/12/25	PS	SW8260D
tetrachloroethylene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0058	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	89			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	97			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100				%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	103				%	50	10/12/25	PS	70 - 130 %	
% Bromofluorobenzene	102				%	50	10/12/25	PS	70 - 130 %	
% Dibromofluoromethane	103				%	50	10/12/25	PS	70 - 130 %	
% Toluene-d8	100				%	50	10/12/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.07	0.07	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.097	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.56	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.56	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.42	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.56	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.56	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.35	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.17	J	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzo(b)fluoranthene	0.19	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND		0.7	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.35	0.095	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.35	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.7	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.09	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.15	J	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.13	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.35	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.35	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.35	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.25	0.063	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.19	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	70				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	55				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	71				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorophenol	71				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	60				%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	71				%	1	10/15/25	PS	30 - 130 %	
% Phenol-d5	72				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	83				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	69				%	1	10/15/25	MR	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.703	0.203	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.703	0.206	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.703	0.253	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.703	0.106	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.879	0.327	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.39	0.773	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND		4.39	0.634	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.703	0.190	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.703	0.133	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.703	0.160	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.176	0.0589	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.176	0.0527	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.76	0.608	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.352	0.0475	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.176	0.0615	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.176	0.0598	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.76	0.620	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.176	0.0404	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.176	0.0483	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.176	0.0281	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.176	0.0448	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0460	J	0.176	0.0457	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.176	0.0554	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.176	0.0800	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.106	J	0.176	0.0352	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.176	0.00615	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.109	J	0.176	0.0404	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.703	0.144	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.176	0.0466	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.132	J	0.176	0.0123	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.982		0.176	0.0518	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.548		0.176	0.0246	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.176	0.0325	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.118	J	0.352	0.0738	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.176	0.0817	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.0529	J	0.176	0.0475	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.176	0.0334	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.352	0.0686	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.352	0.0721	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.352	0.104	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	106.				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	90.9				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	88.4				%	1	10/11/25		20 - 130 %	C
% M3PFBS	98.3				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	101.				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	97.8				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	91.2				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	102.				%	1	10/11/25		35 - 130 %	C
% M6PFDA	99.8				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	103.				%	1	10/11/25		40 - 130 %	C
% M8FOSA	90.5				%	1	10/11/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	101.			%	1	10/11/25		40 - 130 %	C
% M8PFOS	101.			%	1	10/11/25		40 - 130 %	C
% M9PFNA	104.			%	1	10/11/25		40 - 130 %	C
% MPFBA	104.			%	1	10/11/25		8 - 130 %	C
% MPFDoA	93.6			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	62.7			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	68.1			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	81.2			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	83.0			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	70.5			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	80.2			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	103.			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	103.			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	12:00
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42460

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.37	0.37	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	95			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	9.06	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	171			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.53	0.263	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	12500	31	6.2	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.1	3.1	mg/Kg	1	10/09/25	CPP	SW6010D	
arsenic	3.99	0.62	0.62	mg/Kg	1	10/09/25	CPP	SW6010D	
barium	56.1	0.6	0.31	mg/Kg	1	10/09/25	CPP	SW6010D	
beryllium	0.65	0.25	0.12	mg/Kg	1	10/09/25	CPP	SW6010D	
cadmium	ND	0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	22600		31	28	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	15.2		0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
cobalt	10.3		0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
copper	26.5		0.6	0.31	mg/kg	1	10/09/25	CPP	SW6010D
iron	26400		3.1	3.1	mg/Kg	1	10/09/25	CPP	SW6010D
lead	14.9	*	0.6	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
magnesium	6900		3.1	3.1	mg/Kg	1	10/09/25	CPP	SW6010D
manganese	584		0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
mercury	ND		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	21.9		0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
potassium	1690	N	62	24	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.2	1.1	mg/Kg	1	10/09/25	CPP	SW6010D
silver	ND		0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
sodium	250		6	2.7	mg/Kg	1	10/09/25	CPP	SW6010D
thallium	ND		1.2	1.2	mg/Kg	1	10/09/25	CPP	SW6010D
vanadium	18.5		0.31	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
zinc	65.7		0.6	0.31	mg/Kg	1	10/09/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	65				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	76				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	64				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	60				%	2	10/16/25	SC	30 - 150 %
% TCMX	62				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	58				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B

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4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0034	0.0034	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0034	0.0034	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.034	0.034	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0034	0.0034	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0034	0.0034	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.0069	0.0069	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.034	0.034	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	57			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	64			%	2	10/17/25	AW	30 - 150 %
% TCMX	55			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	56			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0043	0.00094	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.065	0.035	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.026	0.0043	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.022	0.0043	mg/Kg	1	10/11/25	PS	SW8260D

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4-methyl-2-pentanone	ND	0.022	0.0043	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.043	0.0043	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0043	0.0022	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0043	0.0017	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.043	0.043	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0086	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.022	0.0043	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.043	0.017	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0043	0.00086	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0043	0.00043	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0043	0.0043	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	107			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	91			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	101			%	1	10/11/25	PS	70 - 130 %

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% Toluene-d8	101				%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.24	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.069	0.069	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.24	0.096	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.55	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.24	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.24	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.55	0.24	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.35	0.062	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.41	0.16	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.55	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.35	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.24	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.55	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	ND		0.24	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.35	4	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.19	J	0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(b)fluoranthene	0.22	J	0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.69	0.14	mg/Kg	1	10/16/25	PS	SW8270E	

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Benzyl Alcohol	ND		0.35	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.24	0.089	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.24	0.095	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.35	0.093	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.24	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.24	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.35	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.17	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.69	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.24	0.089	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.18	J	0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.24	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.24	0.24	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.14	J	0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.24	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.24	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.35	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.17	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.35	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.35	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	ND		0.24	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.24	0.062	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.22	J	0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	65				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	68				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	53				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorophenol	70				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	56				%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	70				%	1	10/16/25	PS	30 - 130 %	
% Phenol-d5	70				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	67				%	1	10/15/25	MR	30 - 130 %	
% Terphenyl-d14	73				%	1	10/16/25	PS	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.760	0.220	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.760	0.223	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.760	0.274	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.760	0.115	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.950	0.354	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.75	0.836	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND		4.75	0.685	ug/kg	1	10/11/25		EPA 1633A	C

Ver 4

Project ID: 22003-0092
Client ID: 2SB-19 10-13

Phoenix I.D.: CU42460

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.760	0.205	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.760	0.144	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.760	0.173	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.190	0.0637	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.190	0.0570	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.90	0.658	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.380	0.0513	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.190	0.0665	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.190	0.0646	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.90	0.670	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.190	0.0437	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.190	0.0523	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.190	0.0304	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.190	0.0485	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.190	0.0494	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.190	0.0599	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.190	0.0865	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0514	J	0.190	0.0380	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.190	0.00665	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0519	J	0.190	0.0437	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.760	0.156	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.190	0.0504	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0781	J	0.190	0.0133	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.767		0.190	0.0561	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.284		0.190	0.0266	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.190	0.0352	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.380	0.0798	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.190	0.0884	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.190	0.0513	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.190	0.0361	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.380	0.0741	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.380	0.0779	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.380	0.112	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	79.8				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	74.4				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	63.3				%	1	10/11/25		20 - 130 %	C
% M3PFBS	74.2				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	76.4				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	76.7				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	70.0				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	79.0				%	1	10/11/25		35 - 130 %	C
% M6PFDA	77.0				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	76.3				%	1	10/11/25		40 - 130 %	C
% M8FOSA	68.2				%	1	10/11/25		40 - 130 %	C
% M8PFOA	75.6				%	1	10/11/25		40 - 130 %	C
% M8PFOS	75.8				%	1	10/11/25		40 - 130 %	C
% M9PFNA	75.8				%	1	10/11/25		40 - 130 %	C
% MPFBA	104.				%	1	10/11/25		8 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	66.3			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	54.2			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	60.8			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	63.5			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	62.5			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	51.2			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	59.2			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	79.4			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	76.8			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	13:50
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42461

Project ID: 22003-0092
Client ID: 2SB-20 SURF

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.43	0.43	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	89			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.06	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	218			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.56	0.281	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	10900	38	7.6	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.8	3.8	mg/Kg	1	10/09/25	CPP	SW6010D	
arsenic	5.90	0.76	0.76	mg/Kg	1	10/09/25	CPP	SW6010D	
barium	232	0.8	0.38	mg/Kg	1	10/09/25	CPP	SW6010D	
beryllium	0.52	0.30	0.15	mg/Kg	1	10/09/25	CPP	SW6010D	
cadmium	0.64	0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: 2SB-20 SURF

Phoenix I.D.: CU42461

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	6290		3.8	3.5	mg/Kg	1	10/09/25	CPP	SW6010D
chromium	16.1		0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
cobalt	7.47		0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
copper	31.5		0.8	0.38	mg/kg	1	10/09/25	CPP	SW6010D
iron	19200		3.8	3.8	mg/Kg	1	10/09/25	CPP	SW6010D
lead	1050	*	0.8	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
magnesium	4090		3.8	3.8	mg/Kg	1	10/09/25	CPP	SW6010D
manganese	573		0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
mercury	0.41		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	20.0		0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
potassium	1520	N	76	30	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.5	1.3	mg/Kg	1	10/09/25	CPP	SW6010D
silver	ND		0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
sodium	107		8	3.3	mg/Kg	1	10/09/25	CPP	SW6010D
thallium	ND		1.5	1.5	mg/Kg	1	10/09/25	CPP	SW6010D
vanadium	30.5		0.38	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
zinc	337		0.8	0.38	mg/Kg	1	10/09/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.28	0.28	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.4	1.4	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.14	0.14	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.28	0.28	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.28	0.28	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	81				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	64				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.074	0.074	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	37				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	36				%	2	10/16/25	SC	30 - 150 %
% TCMX	40				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	42				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	ND		0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B

Project ID: 22003-0092
Client ID: 2SB-20 SURF

Phoenix I.D.: CU42461

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.0051	0.0022	0.0022	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0037	0.0037	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0037	0.0037	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.037	0.037	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0037	0.0037	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0015	0.0015	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0037	0.0037	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.0074	0.0074	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.037	0.037	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.15	0.15	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	35			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	42			%	2	10/17/25	AW	30 - 150 %
% TCMX	45			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	53			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.44	0.088	mg/Kg	50	10/12/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0066	0.0014	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.44	0.088	mg/Kg	50	10/12/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.44	0.088	mg/Kg	50	10/12/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.44	0.088	mg/Kg	50	10/12/25	PS	SW8260D
1,2-dibromoethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
1,2-dichloroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
1,4-dioxane	ND	0.099	0.053	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.039	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.033	0.0066	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.033	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.066	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0066	0.0033	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0066	0.0026	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
isopropylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
methyl acetate	ND	0.066	0.066	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.013	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.033	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
n-propylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
o-xylene	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
sec-butylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
styrene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.066	0.026	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.44	0.044	mg/Kg	50	10/12/25	PS	SW8260D
tetrachloroethylene	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0066	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0066	0.00066	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0066	0.0066	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	80			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	99			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	96				%	1	10/11/25	PS	70 - 130 %	
% 1,2-dichlorobenzene-d4	102				%	50	10/12/25	PS	70 - 130 %	
% Bromofluorobenzene	103				%	50	10/12/25	PS	70 - 130 %	
% Dibromofluoromethane	101				%	50	10/12/25	PS	70 - 130 %	
% Toluene-d8	101				%	50	10/12/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.37	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.073	0.073	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.6	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.26	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.6	0.26	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.37	0.067	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.45	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.6	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1.1	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.37	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.26	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.6	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1.1	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	0.11	J	0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.37	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.37	4.3	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	0.39		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.55		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	

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Benzo(b)fluoranthene	0.73		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	0.32		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	0.2	J	0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.75	0.15	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl Alcohol	ND		0.37	0.37	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.26	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.37	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.75	0.75	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.26	0.19	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.37	0.19	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	0.43		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.19	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.75	0.37	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.26	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.98		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.26	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.26	0.26	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.37		0.26	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.26	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.37	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.19	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.37	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.37	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	0.41		0.26	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.26	0.067	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.83		0.26	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	73				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	58				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	73				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorophenol	80				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	66				%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	83				%	1	10/16/25	PS	30 - 130 %	
% Phenol-d5	82				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	71				%	1	10/15/25	MR	30 - 130 %	
% Terphenyl-d14	83				%	1	10/16/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Soil										
11Cl-PF3OUdS	ND		0.771	0.223	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.771	0.226	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.771	0.278	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.771	0.117	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.964	0.358	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.82	0.848	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND		4.82	0.695	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.771	0.208	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.771	0.146	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.771	0.175	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.193	0.0646	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.193	0.0578	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.93	0.667	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.386	0.0520	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.193	0.0675	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.193	0.0655	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.93	0.680	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0840	J	0.193	0.0443	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.193	0.0530	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.193	0.0308	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.193	0.0492	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.293		0.193	0.0501	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.193	0.0607	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.122	J	0.193	0.0877	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.157	J	0.193	0.0386	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.193	0.00675	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.134	J	0.193	0.0443	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	0.204	J	0.771	0.158	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.193	0.0511	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.304		0.193	0.0135	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	2.84		0.193	0.0569	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.677		0.193	0.0270	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.193	0.0357	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.142	J	0.386	0.0810	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.193	0.0896	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	0.0695	J	0.193	0.0520	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	0.242		0.193	0.0366	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.386	0.0752	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.386	0.0790	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.386	0.114	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	89.0				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	132.				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	84.3				%	1	10/11/25		20 - 130 %	C
% M3PFBS	82.0				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	86.2				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	85.6				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	78.2				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	90.4				%	1	10/11/25		35 - 130 %	C
% M6PFDA	89.2				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	92.0				%	1	10/11/25		40 - 130 %	C
% M8FOSA	88.9				%	1	10/11/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% M8PFOA	89.3			%	1	10/11/25		40 - 130 %	C
% M8PFOS	88.6			%	1	10/11/25		40 - 130 %	C
% M9PFNA	91.4			%	1	10/11/25		40 - 130 %	C
% MPFBA	105.			%	1	10/11/25		8 - 130 %	C
% MPFDoA	93.9			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	106.			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	120.			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	77.3			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	75.0			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	57.2			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	60.9			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	98.4			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	84.7			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	13:45
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42462

Project ID: 22003-0092
Client ID: 2SB-20 0-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	RM		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.36	0.36	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	94			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.91	1.00	1.00	pH Units	1	10/06/25 23:17	KG	SW846 9045D	
Redox Potential	209			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.53	0.266	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	15200	36	7.2	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	6.28	0.72	0.72	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	267	0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.69	0.29	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	0.51	0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	6630		9.0	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	20.6		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	11.6		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
copper	40.0		0.7	0.36	mg/kg	1	10/08/25	CPP	SW6010D
iron	27200		11	3.6	mg/Kg	1	10/08/25	CPP	SW6010D
lead	1470		0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	5500		3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	615		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.51		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	24.7		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1790	N	72	28	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	127	N	7	3.1	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	27.5		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	263		0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	76				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	69				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	56				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	52				%	2	10/16/25	SC	30 - 150 %
% TCMX	59				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	58				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.003	0.003	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	54			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	57			%	2	10/17/25	AW	30 - 150 %
% TCMX	57			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	62			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0058	0.0013	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.087	0.046	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.035	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.058	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0058	0.0029	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0058	0.0023	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.058	0.058	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.012	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.029	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.058	0.023	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0058	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0058	0.00058	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0058	0.0058	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	93			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	97			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	102				%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.24	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.07	0.07	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.24	0.097	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.56	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.24	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.24	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.56	0.24	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.35	0.063	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.42	0.16	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.56	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.35	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.24	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.56	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	ND		0.24	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.35	4	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	0.22	J	0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.28		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(b)fluoranthene	0.37		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	0.15	J	0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.7	0.14	mg/Kg	1	10/16/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND		0.35	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.24	0.09	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.24	0.096	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.35	0.094	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.24	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.24	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.35	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	0.23	J	0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.17	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.7	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.24	0.09	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.46		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.24	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.24	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.24	0.24	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.21	J	0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.24	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.35	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.17	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.35	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.35	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	0.2	J	0.24	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.24	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.4		0.24	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	72				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	57				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	75				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorophenol	76				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	57				%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	79				%	1	10/16/25	PS	30 - 130 %	
% Phenol-d5	78				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	70				%	1	10/15/25	MR	30 - 130 %	
% Terphenyl-d14	80				%	1	10/16/25	PS	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.723	0.209	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.723	0.212	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.723	0.260	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.723	0.109	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.904	0.336	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.52	0.796	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND		4.52	0.652	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.723	0.195	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.723	0.136	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.723	0.164	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.181	0.0606	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.181	0.0542	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.81	0.626	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.362	0.0488	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.181	0.0633	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.181	0.0615	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.81	0.638	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.181	0.0416	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.181	0.0497	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.181	0.0289	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.181	0.0461	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.181	0.0470	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.181	0.0570	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.181	0.0823	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.0984	J	0.181	0.0362	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.181	0.00633	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.119	J	0.181	0.0416	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.723	0.148	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.181	0.0479	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0466	J	0.181	0.0127	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.671		0.181	0.0534	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.641		0.181	0.0253	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.181	0.0334	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.106	J	0.362	0.0760	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.181	0.0841	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.181	0.0488	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.181	0.0344	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.362	0.0705	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.362	0.0742	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.362	0.107	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	94.4				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	90.9				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	82.4				%	1	10/11/25		20 - 130 %	C
% M3PFBS	84.0				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	90.3				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	88.8				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	80.7				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	92.7				%	1	10/11/25		35 - 130 %	C
% M6PFDA	91.7				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	90.4				%	1	10/11/25		40 - 130 %	C
% M8FOSA	90.2				%	1	10/11/25		40 - 130 %	C
% M8PFOA	90.8				%	1	10/11/25		40 - 130 %	C
% M8PFOS	96.4				%	1	10/11/25		40 - 130 %	C
% M9PFNA	93.4				%	1	10/11/25		40 - 130 %	C
% MPFBA	104.				%	1	10/11/25		8 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	87.1			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	72.5			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	83.4			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	79.7			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	79.1			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	64.1			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	76.1			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	95.5			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	86.3			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	13:45
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42463

Project ID: 22003-0092
Client ID: 2SB-20 5-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					10/16/25			
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/13/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	JLI		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.41	0.41	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	93			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.54	1.00	1.00	pH Units	1	10/06/25 23:18	KG	SW846 9045D	
Redox Potential	190			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	0.79	0.54	0.269	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	15100	35	7.1	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	5.11	0.71	0.71	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	61.4	0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.75	0.28	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	0.36		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
calcium	2250		9.0	3.3	mg/Kg	1	10/08/25	CPP	SW6010D
chromium	18.6		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	12.4		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
copper	34.7		0.7	0.35	mg/kg	1	10/08/25	CPP	SW6010D
iron	31400		11	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
lead	17.8		0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	5290		3.5	3.5	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	570		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.03	J	0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	27.1		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	2120	N	71	28	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	334	N	7	3.0	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	22.8		0.35	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	81.2		0.7	0.35	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.27	0.27	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	78				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	72				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.071	0.071	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	63				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	56				%	2	10/16/25	SC	30 - 150 %
% TCMX	64				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	62				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B

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4,4' -DDE	ND	0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.0071	0.0071	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	60			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	66			%	2	10/17/25	AW	30 - 150 %
% TCMX	61			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	69			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0056	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.084	0.045	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.034	0.0056	mg/Kg	1	10/11/25	PS	SW8260D

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2-hexanone	ND	0.028	0.0056	mg/Kg	1	10/11/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.028	0.0056	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.056	0.0056	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0056	0.0028	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0056	0.0022	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.056	0.056	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.028	0.0056	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.056	0.022	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0056	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0056	0.00056	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0056	0.0056	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	99			%	1	10/11/25	PS	70 - 130 %

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% Dibromofluoromethane	104				%	1	10/11/25	PS	70 - 130 %	
% Toluene-d8	100				%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND		0.071	0.071	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.57	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND		0.57	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.35	0.064	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.43	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND		0.57	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND		0.57	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND		0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND		0.35	4.1	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	0.17	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	0.21	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	0.26		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	0.12	J	0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	

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Benzoic acid	ND		0.71	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl Alcohol	ND		0.35	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.091	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.35	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND		0.35	0.18	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	0.2	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.71	0.35	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.091	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	0.27		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.15	J	0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND		0.25	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.35	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.35	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND		0.35	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND		0.25	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND		0.25	0.064	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	0.3		0.25	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	71				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	49				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	78				%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorophenol	81				%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	58				%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	83				%	1	10/15/25	PS	30 - 130 %	
% Phenol-d5	82				%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	71				%	1	10/15/25	MR	30 - 130 %	
% Terphenyl-d14	81				%	1	10/15/25	PS	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.674	0.194	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.674	0.198	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.674	0.242	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.674	0.102	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.842	0.313	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.21	0.741	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
7:3FTCA	ND		4.21	0.607	ug/kg	1	10/11/25		EPA 1633A	C
9Cl-PF3ONS	ND		0.674	0.182	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.674	0.127	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.674	0.153	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.168	0.0564	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.168	0.0505	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.68	0.583	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.337	0.0455	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.168	0.0589	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.168	0.0572	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.68	0.594	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.168	0.0387	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.168	0.0463	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.168	0.0269	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.168	0.0429	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.168	0.0438	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.168	0.0530	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.168	0.0766	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.168	0.0337	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.168	0.00589	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.168	0.0387	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.674	0.138	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.168	0.0446	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.168	0.0118	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.155	J	0.168	0.0497	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0589	J	0.168	0.0236	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.168	0.0312	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.337	0.0707	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.168	0.0783	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.168	0.0455	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.168	0.0320	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.337	0.0657	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.337	0.0690	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.337	0.0994	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	86.6				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	76.6				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	67.0				%	1	10/11/25		20 - 130 %	C
% M3PFBS	77.3				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	83.5				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	83.6				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	75.8				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	87.0				%	1	10/11/25		35 - 130 %	C
% M6PFDA	85.8				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	84.9				%	1	10/11/25		40 - 130 %	C
% M8FOSA	79.6				%	1	10/11/25		40 - 130 %	C
% M8PFOA	84.8				%	1	10/11/25		40 - 130 %	C
% M8PFOS	90.6				%	1	10/11/25		40 - 130 %	C
% M9PFNA	82.6				%	1	10/11/25		40 - 130 %	C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	106.			%	1	10/11/25		8 - 130 %	C
% MPFDoA	73.3			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	56.4			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	65.6			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	70.8			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	73.2			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	54.6			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	64.0			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	90.4			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	87.0			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	13:50
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42464

Project ID: 22003-0092
Client ID: DUP-20251003

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	JLI		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.40	0.40	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	94			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	7.94	1.00	1.00	pH Units	1	10/06/25 23:18	KG	SW846 9045D	
Redox Potential	294			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.53	0.266	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	15600	36	7.2	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	7.03	0.72	0.72	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	278	0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.72	0.29	0.14	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	0.50	0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	25300		36	33	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	20.7		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	10.0		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
copper	61.9		0.7	0.36	mg/kg	1	10/08/25	CPP	SW6010D
iron	25700		11	3.6	mg/Kg	1	10/08/25	CPP	SW6010D
lead	668		0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	5800		3.6	3.6	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	624		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	3.47		0.25	0.15	mg/Kg	20	10/09/25	AJ1	SW7471B
nickel	22.2		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1770	N	72	28	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.4	1.2	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	159	N	7	3.1	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.4	1.4	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	28.0		0.36	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	335		0.7	0.36	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	82				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	73				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.07	0.07	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	60				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	55				%	2	10/16/25	SC	30 - 150 %
% TCMX	61				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	57				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
4,4' -DDE	0.038		0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B

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Client ID: DUP-20251003

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	0.043	0.0021	0.0021	mg/Kg	2	10/17/25	AW	SW8081B
a-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
b-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
d-BHC	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan I	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan II	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endosulfan sulfate	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin aldehyde	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Endrin ketone	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/17/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Heptachlor epoxide	ND	0.007	0.007	mg/Kg	2	10/17/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/17/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/17/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	59			%	2	10/17/25	AW	30 - 150 %
% DCBP (Confirmation)	67			%	2	10/17/25	AW	30 - 150 %
% TCMX	65			%	2	10/17/25	AW	30 - 150 %
% TCMX (Confirmation)	68			%	2	10/17/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0054	0.0012	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.081	0.043	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.032	0.0054	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.027	0.0054	mg/Kg	1	10/11/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.027	0.0054	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.054	0.0054	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0054	0.0027	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0054	0.0021	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.054	0.054	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.011	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.027	0.0054	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.054	0.021	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0054	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0054	0.00054	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0054	0.0054	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	96			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	102			%	1	10/11/25	PS	70 - 130 %

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100				%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil										
1,1-Biphenyl	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.25	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
1,4-dioxane	ND		0.07	0.07	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND		0.25	0.098	mg/Kg	1	10/16/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.56	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		0.25	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chloronaphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Chlorophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylnaphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitroaniline	ND		0.56	0.25	mg/Kg	1	10/16/25	PS	SW8270E	
2-Nitrophenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND		0.35	0.063	mg/Kg	1	10/16/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND		0.42	0.17	mg/Kg	1	10/16/25	PS	SW8270E	
3-Nitroaniline	ND		0.56	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND		1	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND		0.35	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chloroaniline	ND		0.25	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitroaniline	ND		0.56	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
4-Nitrophenol	ND		1	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Acenaphthylene	ND		0.25	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
Acetophenone	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Aniline	ND		0.35	0.14	mg/Kg	1	10/16/25	PS	SW8270E	
Anthracene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Atrazine	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzaldehyde	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Benzidine	ND		0.35	4.1	mg/Kg	1	10/16/25	PS	SW8270E	
benzo(a)anthracene	0.2	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(a)pyrene	0.21	J	0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(b)fluoranthene	0.27		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(ghi)perylene	0.11	J	0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Benzo(k)fluoranthene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Benzoic acid	ND		0.7	0.14	mg/Kg	1	10/16/25	PS	SW8270E	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND		0.35	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Benzyl butyl phthalate	ND		0.25	0.091	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND		0.25	0.097	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND		0.35	0.095	mg/Kg	1	10/16/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Caprolactam	ND		0.25	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Carbazole	ND		0.35	0.18	mg/Kg	1	10/16/25	PS	SW8270E	
Chrysene	0.19	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND		0.18	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dibenzofuran	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Diethyl phthalate	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Dimethylphthalate	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-butylphthalate	ND		0.7	0.35	mg/Kg	1	10/16/25	PS	SW8270E	
Di-n-octylphthalate	ND		0.25	0.091	mg/Kg	1	10/16/25	PS	SW8270E	
Fluoranthene	0.52		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Fluorene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobenzene	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorobutadiene	ND		0.25	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND		0.25	0.25	mg/Kg	1	10/16/25	PS	SW8270E	
Hexachloroethane	ND		0.25	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	0.16	J	0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
Isophorone	ND		0.25	0.098	mg/Kg	1	10/16/25	PS	SW8270E	
Naphthalene	ND		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Nitrobenzene	ND		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodimethylamine	ND		0.35	0.099	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND		0.18	0.11	mg/Kg	1	10/16/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		0.35	0.13	mg/Kg	1	10/16/25	PS	SW8270E	
Pentachlorophenol	ND		0.35	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Phenanthrene	0.41		0.25	0.1	mg/Kg	1	10/16/25	PS	SW8270E	
Phenol	ND		0.25	0.063	mg/Kg	1	10/16/25	PS	SW8270E	
Pyrene	0.44		0.25	0.12	mg/Kg	1	10/16/25	PS	SW8270E	
QA/QC Surrogates										
% 2,4,6-Tribromophenol	77				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	47				%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	80				%	1	10/16/25	PS	30 - 130 %	
% 2-Fluorophenol	81				%	1	10/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	52				%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	86				%	1	10/16/25	PS	30 - 130 %	
% Phenol-d5	83				%	1	10/16/25	PS	30 - 130 %	
% Terphenyl-d14	60				%	1	10/15/25	MR	30 - 130 %	
% Terphenyl-d14	85				%	1	10/16/25	PS	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND		0.682	0.197	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.682	0.200	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.682	0.245	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.682	0.103	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND		0.852	0.317	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND		4.26	0.750	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND		4.26	0.614	ug/kg	1	10/11/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.682	0.184	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.682	0.129	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.682	0.155	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.170	0.0571	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.170	0.0511	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.70	0.590	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.341	0.0460	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.170	0.0596	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.170	0.0579	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.70	0.601	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.170	0.0392	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.170	0.0469	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.170	0.0273	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.170	0.0434	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.170	0.0443	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.170	0.0537	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.170	0.0775	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.170	0.0341	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.170	0.00596	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.170	0.0392	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.682	0.140	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.170	0.0452	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.170	0.0119	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.0984	J	0.170	0.0503	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.0981	J	0.170	0.0238	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.170	0.0315	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.341	0.0716	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.170	0.0792	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.170	0.0460	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.170	0.0324	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.341	0.0664	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.341	0.0699	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.341	0.100	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	96.0				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	85.9				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	82.0				%	1	10/11/25		20 - 130 %	C
% M3PFBS	83.5				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	86.4				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	90.7				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	82.6				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	96.3				%	1	10/11/25		35 - 130 %	C
% M6PFDA	95.5				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	98.3				%	1	10/11/25		40 - 130 %	C
% M8FOSA	88.8				%	1	10/11/25		40 - 130 %	C
% M8PFOA	91.0				%	1	10/11/25		40 - 130 %	C
% M8PFOS	97.7				%	1	10/11/25		40 - 130 %	C
% M9PFNA	93.7				%	1	10/11/25		40 - 130 %	C
% MPFBA	106.				%	1	10/11/25		8 - 130 %	C

Project ID: 22003-0092
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Phoenix I.D.: CU42464

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	87.5			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	79.1			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	84.2			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	77.6			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	80.7			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	65.7			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	73.9			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	101.			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	96.5			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42465

Project ID: 22003-0092
Client ID: DUP2-20251003

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for SVOA SIM	Completed					10/13/25	A/U	SW3545A	
Soil Extraction for Herbicide	Completed					10/12/25	Y/D	SW3546	
Soil Extraction for PCB	Completed					10/15/25	H/Q	SW3546	
Soil Extraction for Pesticides	Completed					10/15/25	H/Q	SW3546	
PFAS (40) by EPA 1633A	Completed					10/10/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					10/13/25	JLI		
SVOA Library Search Top 15	Completed					10/16/25	MR		
Miscellaneous									
Chromium, Hex. (SW3060A digestion	ND	0.38	0.38	mg/Kg	1	10/10/25	NP	SW7196A	
Mercury Digestion	Completed					10/09/25	GW/GW	SW7471B	
Percent Solid	95			%		10/06/25	CV	SW846-%Solid	
pH at 25C - Soil	8.64	1.00	1.00	pH Units	1	10/06/25 23:18	KG	SW846 9045D	
Redox Potential	252			mV	1	10/06/25	KG	SM2580B-09	1
Soil Extraction for SVOA	Completed					10/15/25	MR/H/U	SW3546	
Total Cyanide	ND	0.53	0.263	mg/Kg	1	10/13/25	I/J/G	SW9012B	
Total Metals Digest	Completed					10/06/25	P/AG/BF	SW3050B	
Metals, Total									
aluminum	12300	32	6.5	mg/Kg	10	10/08/25	CPP	SW6010D	
antimony	ND	3.2	3.2	mg/Kg	1	10/08/25	CPP	SW6010D	
arsenic	3.75	0.65	0.65	mg/Kg	1	10/08/25	CPP	SW6010D	
barium	57.6	0.6	0.32	mg/Kg	1	10/08/25	CPP	SW6010D	
beryllium	0.63	0.26	0.13	mg/Kg	1	10/08/25	CPP	SW6010D	
cadmium	ND	0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D	

Project ID: 22003-0092
Client ID: DUP2-20251003

Phoenix I.D.: CU42465

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
calcium	27300		32	30	mg/Kg	10	10/08/25	CPP	SW6010D
chromium	16.0		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
cobalt	9.87		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
copper	41.4		0.6	0.32	mg/kg	1	10/08/25	CPP	SW6010D
iron	23200		11	3.2	mg/Kg	1	10/08/25	CPP	SW6010D
lead	44.8		0.6	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
magnesium	6580		3.2	3.2	mg/Kg	1	10/08/25	CPP	SW6010D
manganese	548		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
mercury	0.05		0.03	0.02	mg/Kg	2	10/09/25	AJ1	SW7471B
nickel	20.8		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
potassium	1930	N	65	25	mg/Kg	10	10/08/25	CPP	SW6010D
selenium	ND		1.3	1.1	mg/Kg	1	10/08/25	CPP	SW6010D
silver	ND		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
sodium	255	N	6	2.8	mg/Kg	1	10/08/25	CPP	SW6010D
thallium	ND		1.3	1.3	mg/Kg	1	10/08/25	CPP	SW6010D
vanadium	19.2		0.32	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
zinc	76.1		0.6	0.32	mg/Kg	1	10/08/25	CPP	SW6010D
Chlorinated Herbicides, Soil									
2,4,5-T	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-D	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
2,4-DB	ND		1.3	1.3	mg/Kg	10	10/13/25	JRB	SW8151A
Dalapon	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dicamba	ND		0.13	0.13	mg/Kg	10	10/13/25	JRB	SW8151A
Dichloroprop	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
Dinoseb	ND		0.26	0.26	mg/Kg	10	10/13/25	JRB	SW8151A
QA/QC Surrogates									
% DCAA	73				%	10	10/13/25	JRB	30 - 150 %
% DCAA (Confirmation)	68				%	10	10/13/25	JRB	30 - 150 %
Polychlorinated Biphenyls, Soil									
PCB-1016	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1221	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1232	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1242	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1248	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1254	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1260	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1262	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
PCB-1268	ND		0.069	0.069	mg/Kg	2	10/16/25	SC	SW8082A
QA/QC Surrogates									
% DCBP	57				%	2	10/16/25	SC	30 - 150 %
% DCBP (Confirmation)	58				%	2	10/16/25	SC	30 - 150 %
% TCMX	54				%	2	10/16/25	SC	30 - 150 %
% TCMX (Confirmation)	59				%	2	10/16/25	SC	30 - 150 %
Pesticides - Soil									
4,4' -DDD	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
4,4' -DDE	ND		0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B

Project ID: 22003-0092
Client ID: DUP2-20251003

Phoenix I.D.: CU42465

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4,4' -DDT	ND	0.0021	0.0021	mg/Kg	2	10/16/25	AW	SW8081B
a-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
a-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Alachlor	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Aldrin	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
b-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Chlordane	ND	0.035	0.035	mg/Kg	2	10/16/25	AW	SW8081B
d-BHC	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Dieldrin	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan I	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan II	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endosulfan sulfate	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin aldehyde	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Endrin ketone	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
g-BHC	ND	0.0014	0.0014	mg/Kg	2	10/16/25	AW	SW8081B
g-Chlordane	ND	0.0035	0.0035	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Heptachlor epoxide	ND	0.0069	0.0069	mg/Kg	2	10/16/25	AW	SW8081B
Methoxychlor	ND	0.035	0.035	mg/Kg	2	10/16/25	AW	SW8081B
Toxaphene	ND	0.14	0.14	mg/Kg	2	10/16/25	AW	SW8081B
QA/QC Surrogates								
% DCBP	56			%	2	10/16/25	AW	30 - 150 %
% DCBP (Confirmation)	68			%	2	10/16/25	AW	30 - 150 %
% TCMX	62			%	2	10/16/25	AW	30 - 150 %
% TCMX (Confirmation)	60			%	2	10/16/25	AW	30 - 150 %
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.0047	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.071	0.038	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.028	0.0047	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.024	0.0047	mg/Kg	1	10/11/25	PS	SW8260D

Project ID: 22003-0092
Client ID: DUP2-20251003

Phoenix I.D.: CU42465

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
4-methyl-2-pentanone	ND	0.024	0.0047	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.047	0.0047	mg/Kg	1	10/11/25	PS	SW8260D
acrolein	ND	0.0047	0.0024	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND	0.0047	0.0019	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND	0.047	0.047	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.0095	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND	0.024	0.0047	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	0.047	0.019	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.0047	0.00095	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND	0.0047	0.00047	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND	0.0047	0.0047	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	108			%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	96			%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	106			%	1	10/11/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: DUP2-20251003

Phoenix I.D.: CU42465

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100			%	1	10/11/25	PS	70 - 130 %	
Semivolatiles, 8270 Soil									
1,1-Biphenyl	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.24	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	0.34	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
1,4-dioxane	ND	0.069	0.069	mg/Kg	1	10/15/25	MR	SW8270E (SIM)	
2,2'-Oxybis(1-Chloropropane)	ND	0.24	0.096	mg/Kg	1	10/15/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.55	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	0.24	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chloronaphthalene	ND	0.24	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
2-Chlorophenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylnaphthalene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitroaniline	ND	0.55	0.24	mg/Kg	1	10/15/25	PS	SW8270E	
2-Nitrophenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	0.34	0.062	mg/Kg	1	10/15/25	PS	SW8270E	1
3,3'-Dichlorobenzidine	ND	0.41	0.16	mg/Kg	1	10/15/25	PS	SW8270E	
3-Nitroaniline	ND	0.55	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	1	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	0.34	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chloroaniline	ND	0.24	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitroaniline	ND	0.55	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
4-Nitrophenol	ND	1	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthene	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Acenaphthylene	ND	0.24	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Acetophenone	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Aniline	ND	0.34	0.14	mg/Kg	1	10/15/25	PS	SW8270E	
Anthracene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Atrazine	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzaldehyde	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Benzidine	ND	0.34	4	mg/Kg	1	10/15/25	PS	SW8270E	
benzo(a)anthracene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(a)pyrene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(ghi)perylene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Benzoic acid	ND	0.69	0.14	mg/Kg	1	10/15/25	PS	SW8270E	

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Phoenix I.D.: CU42465

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Benzyl Alcohol	ND	0.34	0.34	mg/Kg	1	10/15/25	PS	SW8270E	
Benzyl butyl phthalate	ND	0.24	0.089	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	0.24	0.095	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	0.34	0.093	mg/Kg	1	10/15/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	0.24	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Caprolactam	ND	0.24	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Carbazole	ND	0.34	0.17	mg/Kg	1	10/15/25	PS	SW8270E	
Chrysene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	0.17	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dibenzofuran	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Diethyl phthalate	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Dimethylphthalate	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-butylphthalate	ND	0.69	0.34	mg/Kg	1	10/15/25	PS	SW8270E	
Di-n-octylphthalate	ND	0.24	0.089	mg/Kg	1	10/15/25	PS	SW8270E	
Fluoranthene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Fluorene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobenzene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorobutadiene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachlorocyclopentadiene	ND	0.24	0.24	mg/Kg	1	10/15/25	PS	SW8270E	
Hexachloroethane	ND	0.24	0.1	mg/Kg	1	10/15/25	PS	SW8270E	
Indeno(1,2,3-cd)pyrene	ND	0.24	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
Isophorone	ND	0.24	0.096	mg/Kg	1	10/15/25	PS	SW8270E	
Naphthalene	ND	0.24	0.099	mg/Kg	1	10/15/25	PS	SW8270E	
Nitrobenzene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodimethylamine	ND	0.34	0.097	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodi-n-propylamine	ND	0.17	0.11	mg/Kg	1	10/15/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	0.34	0.13	mg/Kg	1	10/15/25	PS	SW8270E	
Pentachlorophenol	ND	0.34	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
Phenanthrene	ND	0.24	0.098	mg/Kg	1	10/15/25	PS	SW8270E	
Phenol	ND	0.24	0.062	mg/Kg	1	10/15/25	PS	SW8270E	
Pyrene	ND	0.24	0.12	mg/Kg	1	10/15/25	PS	SW8270E	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	70			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	51			%	1	10/15/25	MR	30 - 130 %	
% 2-Fluorobiphenyl	73			%	1	10/15/25	PS	30 - 130 %	
% 2-Fluorophenol	77			%	1	10/15/25	PS	30 - 130 %	
% Nitrobenzene-d5	52			%	1	10/15/25	MR	30 - 130 %	
% Nitrobenzene-d5	78			%	1	10/15/25	PS	30 - 130 %	
% Phenol-d5	77			%	1	10/15/25	PS	30 - 130 %	
% Terphenyl-d14	67			%	1	10/15/25	MR	30 - 130 %	
% Terphenyl-d14	79			%	1	10/15/25	PS	30 - 130 %	

PFAS (40) by EPA 1633, Soil

11Cl-PF3OUdS	ND	0.650	0.188	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.650	0.191	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.650	0.234	ug/kg	1	10/11/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.650	0.0983	ug/kg	1	10/11/25		EPA 1633A	C
3:3FTCA	ND	0.812	0.302	ug/kg	1	10/11/25		EPA 1633A	C
5:3FTCA	ND	4.06	0.715	ug/kg	1	10/11/25		EPA 1633A	C
7:3FTCA	ND	4.06	0.586	ug/kg	1	10/11/25		EPA 1633A	C

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Phoenix I.D.: CU42465

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		0.650	0.176	ug/kg	1	10/11/25		EPA 1633A	C
ADONA	ND		0.650	0.123	ug/kg	1	10/11/25		EPA 1633A	C
HFPO-DA	ND		0.650	0.148	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSA	ND		0.162	0.0544	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSAA	ND		0.162	0.0488	ug/kg	1	10/11/25		EPA 1633A	C
NEtFOSE	ND		1.62	0.562	ug/kg	1	10/11/25		EPA 1633A	C
NFDHA	ND		0.325	0.0439	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSA	ND		0.162	0.0569	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSAA	ND		0.162	0.0552	ug/kg	1	10/11/25		EPA 1633A	C
NMeFOSE	ND		1.62	0.573	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.162	0.0374	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.162	0.0447	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.162	0.0260	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.162	0.0414	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.162	0.0422	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.162	0.0512	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.162	0.0739	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		0.162	0.0325	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.162	0.00569	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.162	0.0374	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.650	0.133	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.162	0.0431	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.0325	J	0.162	0.0114	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.309		0.162	0.0479	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.113	J	0.162	0.0228	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.162	0.0301	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.325	0.0682	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.162	0.0756	ug/kg	1	10/11/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.162	0.0439	ug/kg	1	10/11/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.162	0.0309	ug/kg	1	10/11/25		EPA 1633A	C
PFEESA	ND		0.325	0.0634	ug/kg	1	10/11/25		EPA 1633A	C
PFMBA	ND		0.325	0.0666	ug/kg	1	10/11/25		EPA 1633A	C
PFMPA	ND		0.325	0.0959	ug/kg	1	10/11/25		EPA 1633A	C
QA/QC Surrogates										
% M2-6:2FTS	98.8				%	1	10/11/25		40 - 215 %	C
% M2-8:2FTS	86.8				%	1	10/11/25		40 - 275 %	C
% M2PFTeDA	81.2				%	1	10/11/25		20 - 130 %	C
% M3PFBS	95.6				%	1	10/11/25		40 - 135 %	C
% M3PFHxS	94.6				%	1	10/11/25		40 - 130 %	C
% M4PFHpA	93.4				%	1	10/11/25		40 - 130 %	C
% M5PFHxA	83.3				%	1	10/11/25		40 - 130 %	C
% M5PFPeA	99.8				%	1	10/11/25		35 - 130 %	C
% M6PFDA	95.2				%	1	10/11/25		40 - 130 %	C
% M7PFUdA	94.9				%	1	10/11/25		40 - 130 %	C
% M8FOSA	92.4				%	1	10/11/25		40 - 130 %	C
% M8PFOA	94.1				%	1	10/11/25		40 - 130 %	C
% M8PFOS	105.				%	1	10/11/25		40 - 130 %	C
% M9PFNA	95.4				%	1	10/11/25		40 - 130 %	C
% MPFBA	106.				%	1	10/11/25		8 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFDoA	86.3			%	1	10/11/25		40 - 130 %	C

PFAS (40) by EPA 1633, Soil

QA/QC Surrogates

% d3-N-MeFOSAA	70.4			%	1	10/11/25		40 - 135 %	C
% d5-N-EtFOSAA	80.5			%	1	10/11/25		40 - 150 %	C
% d7-N-MeFOSE	83.7			%	1	10/11/25		20 - 130 %	C
% d9-N-EtFOSE	91.6			%	1	10/11/25		15 - 130 %	C
% d-N-EtFOSA	67.5			%	1	10/11/25		10 - 130 %	C
% d-N-MeFOSA	81.4			%	1	10/11/25		10 - 130 %	C
% M2-4:2 FTS	102.			%	1	10/11/25		40 - 165 %	C
% M3HFPO-DA	101.			%	1	10/11/25		40 - 130 %	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42466

Project ID: 22003-0092
Client ID: TB-20251003 LL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatile Library Search Top 10	Completed					10/13/25	JLI	
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.005	0.0011	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
1,4-dioxane	ND	0.075	0.04	mg/Kg	1	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	0.03	0.005	mg/Kg	1	10/11/25	PS	SW8260D
2-hexanone	ND	0.025	0.005	mg/Kg	1	10/11/25	PS	SW8260D
4-methyl-2-pentanone	ND	0.025	0.005	mg/Kg	1	10/11/25	PS	SW8260D
acetone	ND	0.05	0.005	mg/Kg	1	10/11/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB-20251003 LL

Phoenix I.D.: CU42466

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
acrolein	ND		0.005	0.0025	mg/Kg	1	10/11/25	PS	SW8260D
acrylonitrile	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
benzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
bromochloromethane	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
bromodichloromethane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
Bromoform	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
bromomethane	ND		0.005	0.002	mg/Kg	1	10/11/25	PS	SW8260D
carbon disulfide	0.0014	J	0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
carbon tetrachloride	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
chlorobenzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
chloroethane	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
chloroform	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
chloromethane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
cyclohexane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
dibromochloromethane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
dibromomethane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
ethyl benzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
hexachlorobutadiene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
isopropylbenzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
methyl acetate	ND		0.05	0.05	mg/Kg	1	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND		0.01	0.001	mg/Kg	1	10/11/25	PS	SW8260D
methylcyclohexane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
methylene chloride	ND		0.025	0.005	mg/Kg	1	10/11/25	PS	SW8260D
n-butylbenzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
n-propylbenzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
o-xylene	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
p- & m- xylenes	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
p-isopropyltoluene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
sec-butylbenzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
styrene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
tert-butyl alcohol	ND		0.05	0.02	mg/Kg	1	10/11/25	PS	SW8260D
tert-butylbenzene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
tetrachloroethylene	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
toluene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
trichloroethylene	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
trichlorofluoromethane	ND		0.005	0.001	mg/Kg	1	10/11/25	PS	SW8260D
vinyl chloride	ND		0.005	0.0005	mg/Kg	1	10/11/25	PS	SW8260D
xylenes, total	ND		0.005	0.005	mg/Kg	1	10/11/25	PS	SW8260D
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	1	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	101				%	1	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	104				%	1	10/11/25	PS	70 - 130 %
% Toluene-d8	101				%	1	10/11/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251003 LL

Phoenix I.D.: CU42466

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	FIELD BLANK	Collected by:	HB	10/03/25	
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42467

Project ID: 22003-0092
Client ID: FB-20251003

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.48	1.18	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.48	1.07	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.48	2.00	ng/L	1	10/10/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.48	2.04	ng/L	1	10/10/25		EPA 1633A	C
3:3FTCA	ND	9.34	2.41	ng/L	1	10/10/25		EPA 1633A	C
5:3FTCA	ND	46.7	9.44	ng/L	1	10/10/25		EPA 1633A	C
7:3FTCA	ND	46.7	10.3	ng/L	1	10/10/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.48	1.40	ng/L	1	10/10/25		EPA 1633A	C
ADONA	ND	7.48	2.78	ng/L	1	10/10/25		EPA 1633A	C
HFPO-DA	ND	7.48	3.69	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSA	ND	1.87	0.168	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSAA	ND	1.87	0.691	ng/L	1	10/10/25		EPA 1633A	C
NEtFOSE	ND	18.7	4.79	ng/L	1	10/10/25		EPA 1633A	C
NFDHA	ND	3.74	1.40	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSA	ND	1.87	0.215	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSAA	ND	1.87	0.729	ng/L	1	10/10/25		EPA 1633A	C
NMeFOSE	ND	18.7	5.55	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.87	0.392	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.87	0.364	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.87	0.663	ng/L	1	10/10/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.87	0.682	ng/L	1	10/10/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.87	0.673	ng/L	1	10/10/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.87	0.458	ng/L	1	10/10/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.87	0.374	ng/L	1	10/10/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.87	0.495	ng/L	1	10/10/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: FB-20251003

Phoenix I.D.: CU42467

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.87	0.112	ng/L	1	10/10/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.87	0.589	ng/L	1	10/10/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.48	2.34	ng/L	1	10/10/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.87	0.514	ng/L	1	10/10/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.87	0.215	ng/L	1	10/10/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.87	0.495	ng/L	1	10/10/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.87	0.131	ng/L	1	10/10/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	0.579	ng/L	1	10/10/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.74	1.10	ng/L	1	10/10/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.87	0.346	ng/L	1	10/10/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.87	0.533	ng/L	1	10/10/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.87	0.420	ng/L	1	10/10/25		EPA 1633A	C
PFEESA	ND	3.74	1.26	ng/L	1	10/10/25		EPA 1633A	C
PFMBA	ND	3.74	1.12	ng/L	1	10/10/25		EPA 1633A	C
PFMPA	ND	3.74	1.20	ng/L	1	10/10/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	60.3			%	1	10/10/25		40 - 170 %	C
% M2-6:2FTS	90.8			%	1	10/10/25		40 - 200 %	C
% M2-8:2FTS	70.1			%	1	10/10/25		40 - 300 %	C
% M2PFTeDA	38.2			%	1	10/10/25		10 - 130 %	C
% M3PFBS	86.8			%	1	10/10/25		40 - 135 %	C
% M3PFHxS	83.4			%	1	10/10/25		40 - 130 %	C
% M4PFHpA	84.0			%	1	10/10/25		40 - 130 %	C
% M5PFHxA	91.8			%	1	10/10/25		40 - 130 %	C
% M5PFPeA	87.4			%	1	10/10/25		40 - 130 %	C
% M6PFDA	72.2			%	1	10/10/25		40 - 130 %	C
% M7PFUdA	64.3			%	1	10/10/25		30 - 130 %	C
% M8FOSA	68.1			%	1	10/10/25		40 - 130 %	C
% M8PFOA	84.0			%	1	10/10/25		40 - 130 %	C
% M8PFOS	81.6			%	1	10/10/25		40 - 130 %	C
% M9PFNA	86.3			%	1	10/10/25		40 - 130 %	C
% MPFBA	90.7			%	1	10/10/25		5 - 130 %	C
% MPFDoA	51.8			%	1	10/10/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	57.2			%	1	10/10/25		25 - 135 %	C
% d7-N-MeFOSE	59.4			%	1	10/10/25		10 - 130 %	C
% d9-N-EtFOSE	60.2			%	1	10/10/25		10 - 130 %	C
% d-N-EtFOSA	28.6			%	1	10/10/25		10 - 130 %	C
% d-N-MeFOSA	31.0			%	1	10/10/25		10 - 130 %	C
% M2-4:2 FTS	93.8			%	1	10/10/25		40 - 200 %	C
% M3HFPO-DA	75.1			%	1	10/10/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: FB-20251003

Phoenix I.D.: CU42467

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	HB	10/03/25	
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU42468

Project ID: 22003-0092
Client ID: TB HL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatile Library Search Top 10	Completed					10/13/25	JLI	
VOCs, 8260 Soil								
1,1,1,2-tetrachloroethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,1,1-trichloroethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2,2-tetrachloroethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloro-1,2,2-trifluoroethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,1,2-trichloroethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,1-dichloroethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,1-dichloroethylene	ND	0.25	0.055	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,2,3-Trichloropropane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dibromoethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloroethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,2-dichloropropane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
1,3,5-trimethylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,3-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dichlorobenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
1,4-dioxane	ND	3.8	2	mg/Kg	50	10/11/25	PS	SW8260D
2-butanone (MEK)	ND	1.5	0.25	mg/Kg	50	10/11/25	PS	SW8260D
2-hexanone	ND	1.3	0.25	mg/Kg	50	10/11/25	PS	SW8260D
4-methyl-2-pentanone	ND	1.3	0.25	mg/Kg	50	10/11/25	PS	SW8260D
acetone	ND	2.5	0.25	mg/Kg	50	10/11/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB HL

Phoenix I.D.: CU42468

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
acrolein	ND	0.25	0.13	mg/Kg	50	10/11/25	PS	SW8260D
acrylonitrile	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
benzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
bromochloromethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
bromodichloromethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
Bromoform	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
bromomethane	ND	0.25	0.1	mg/Kg	50	10/11/25	PS	SW8260D
carbon disulfide	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
carbon tetrachloride	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
chlorobenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
chloroethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
chloroform	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
chloromethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
cis-1,2-dichloroethylene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
cis-1,3-dichloropropylene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
cyclohexane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
dibromochloromethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
dibromomethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
dichlorodifluoromethane	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
ethyl benzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
hexachlorobutadiene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
isopropylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
methyl acetate	ND	2.5	2.5	mg/Kg	50	10/11/25	PS	SW8260D
methyl tert-butyl ether	ND	0.5	0.05	mg/Kg	50	10/11/25	PS	SW8260D
methylcyclohexane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
methylene chloride	ND	1.3	0.25	mg/Kg	50	10/11/25	PS	SW8260D
n-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
n-propylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
o-xylene	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
p- & m- xylenes	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
p-isopropyltoluene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
sec-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
styrene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
tert-butyl alcohol	ND	2.5	1	mg/Kg	50	10/11/25	PS	SW8260D
tert-butylbenzene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
tetrachloroethylene	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
toluene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
trans-1,2-dichloroethylene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
trans-1,3-dichloropropylene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
trichloroethylene	ND	0.25	0.025	mg/Kg	50	10/11/25	PS	SW8260D
trichlorofluoromethane	ND	0.25	0.05	mg/Kg	50	10/11/25	PS	SW8260D
vinyl chloride	ND	0.21	0.025	mg/Kg	50	10/11/25	PS	SW8260D
xylenes, total	ND	0.25	0.25	mg/Kg	50	10/11/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	50	10/11/25	PS	70 - 130 %
% Bromofluorobenzene	102			%	50	10/11/25	PS	70 - 130 %
% Dibromofluoromethane	101			%	50	10/11/25	PS	70 - 130 %
% Toluene-d8	100			%	50	10/11/25	PS	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

November 26, 2025

FOR: Attn:Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		10/06/25	8:07
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU42448
Phoenix ID: CU43030

Project ID: 22003-0092
Client ID: EB-20251003

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed					10/09/25		EPA 1633A	C
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.58	1.19	ng/L	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.58	1.09	ng/L	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.58	2.03	ng/L	1	10/09/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.58	2.07	ng/L	1	10/09/25		EPA 1633A	C
3:3FTCA	ND	9.48	2.44	ng/L	1	10/09/25		EPA 1633A	C
5:3FTCA	ND	47.4	9.57	ng/L	1	10/09/25		EPA 1633A	C
7:3FTCA	ND	47.4	10.4	ng/L	1	10/09/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.58	1.42	ng/L	1	10/09/25		EPA 1633A	C
ADONA	ND	7.58	2.82	ng/L	1	10/09/25		EPA 1633A	C
HFPO-DA	ND	7.58	3.74	ng/L	1	10/09/25		EPA 1633A	C
NEtFOSA	ND	1.90	0.171	ng/L	1	10/09/25		EPA 1633A	C
NEtFOSAA	ND	1.90	0.701	ng/L	1	10/09/25		EPA 1633A	C
NEtFOSE	ND	19.0	4.86	ng/L	1	10/09/25		EPA 1633A	C
NFDHA	ND	3.79	1.42	ng/L	1	10/09/25		EPA 1633A	C
NMeFOSA	ND	1.90	0.218	ng/L	1	10/09/25		EPA 1633A	C
NMeFOSAA	ND	1.90	0.739	ng/L	1	10/09/25		EPA 1633A	C
NMeFOSE	ND	19.0	5.63	ng/L	1	10/09/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.90	0.398	ng/L	1	10/09/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.90	0.370	ng/L	1	10/09/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.90	0.673	ng/L	1	10/09/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.90	0.692	ng/L	1	10/09/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.90	0.682	ng/L	1	10/09/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.90	0.464	ng/L	1	10/09/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.90	0.379	ng/L	1	10/09/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.90	0.502	ng/L	1	10/09/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: EB-20251003

Phoenix I.D.: CU43030

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.90	0.114	ng/L	1	10/09/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.90	0.597	ng/L	1	10/09/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.58	2.38	ng/L	1	10/09/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.90	0.521	ng/L	1	10/09/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.90	0.218	ng/L	1	10/09/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.90	0.502	ng/L	1	10/09/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.90	0.133	ng/L	1	10/09/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.90	0.588	ng/L	1	10/09/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.79	1.12	ng/L	1	10/09/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.90	0.351	ng/L	1	10/09/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.90	0.540	ng/L	1	10/09/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.90	0.426	ng/L	1	10/09/25		EPA 1633A	C
PFEESA	ND	3.79	1.28	ng/L	1	10/09/25		EPA 1633A	C
PFMBA	ND	3.79	1.14	ng/L	1	10/09/25		EPA 1633A	C
PFMPA	ND	3.79	1.21	ng/L	1	10/09/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	45.8			%	1	10/09/25		40 - 170 %	C
% M2-6:2FTS	97.7			%	1	10/09/25		40 - 200 %	C
% M2-8:2FTS	79.4			%	1	10/09/25		40 - 300 %	C
% M2PFTeDA	68.2			%	1	10/09/25		10 - 130 %	C
% M3PFBS	91.1			%	1	10/09/25		40 - 135 %	C
% M3PFHxS	79.2			%	1	10/09/25		40 - 130 %	C
% M4PFHpA	79.6			%	1	10/09/25		40 - 130 %	C
% M5PFHxA	84.6			%	1	10/09/25		40 - 130 %	C
% M5PFPeA	78.9			%	1	10/09/25		40 - 130 %	C
% M6PFDA	89.3			%	1	10/09/25		40 - 130 %	C
% M7PFUdA	88.0			%	1	10/09/25		30 - 130 %	C
% M8FOSA	75.9			%	1	10/09/25		40 - 130 %	C
% M8PFOA	83.2			%	1	10/09/25		40 - 130 %	C
% M8PFOS	85.3			%	1	10/09/25		40 - 130 %	C
% M9PFNA	78.4			%	1	10/09/25		40 - 130 %	C
% MPFBA	103.			%	1	10/09/25		5 - 130 %	C
% MPFDoA	75.0			%	1	10/09/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	82.5			%	1	10/09/25		25 - 135 %	C
% d7-N-MeFOSE	76.6			%	1	10/09/25		10 - 130 %	C
% d9-N-EtFOSE	76.9			%	1	10/09/25		10 - 130 %	C
% d-N-EtFOSA	51.6			%	1	10/09/25		10 - 130 %	C
% d-N-MeFOSA	60.2			%	1	10/09/25		10 - 130 %	C
% M2-4:2 FTS	91.4			%	1	10/09/25		40 - 200 %	C
% M3HFPO-DA	84.1			%	1	10/09/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS: NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not currently regulated, and this deviation is not considered an impact on data usability.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 26, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-15 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42448

Sample wt/vol: 7.82 (g/mL) g Lab File ID: 1011_22.D

Level: (low/med): Meth Date Received: 10/06/25

% Moisture: not dec. 9 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 50

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 100

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU42449 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water) Soil Lab Sample ID: CU42449 BLK

Sample wt/vol: 5 (g/mL) g Lab File ID: 1010R46.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. n.a. Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-15 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42449

Sample wt/vol: 4.34 (g/mL) g Lab File ID: 1010R50.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 5 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: S2B-15 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42450

Sample wt/vol: 4.61 (g/mL) g Lab File ID: 1010R51.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: S2B-16 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42451

Sample wt/vol: 4.12 (g/mL) g Lab File ID: 1010R52.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 9 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000075-18-3	Dimethyl sulfide	2.065	44	JN

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: S2B-16 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42452

Sample wt/vol: 4.54 (g/mL) g Lab File ID: 1010R53.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 6 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-17 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42453

Sample wt/vol: 4.19 (g/mL) g Lab File ID: 1010R54.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 8 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-17 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42454

Sample wt/vol: 4.71 (g/mL) g Lab File ID: 1010R55.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB 17 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42455

Sample wt/vol: 4.85 (g/mL) g Lab File ID: 1010R56.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 6 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-18 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42456

Sample wt/vol: 4.69 (g/mL) g Lab File ID: 1010R57.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 9 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-18 10-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42457

Sample wt/vol: 4.49 (g/mL) g Lab File ID: 1010R58.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-19 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42458

Sample wt/vol: 3.64 (g/mL) g Lab File ID: 1010R59.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 9 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000075-18-3	Dimethyl sulfide	2.065	8.4	JN

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-19 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42459

Sample wt/vol: 4.65 (g/mL) g Lab File ID: 1010R60.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-19 10-13

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42460

Sample wt/vol: 6.1 (g/mL) g Lab File ID: 1010R61.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 5 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-20 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42461

Sample wt/vol: 4.29 (g/mL) g Lab File ID: 1010R62.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 11 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000075-18-3	Dimethyl sulfide	2.065	27	JN

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-20 0.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42462

Sample wt/vol: 4.59 (g/mL) g Lab File ID: 1010R63.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 6 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU42463 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water) Soil Lab Sample ID: CU42463 BLK

Sample wt/vol: 5 (g/mL) g Lab File ID: 1011_10.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. n.a. Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-20 5-8

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42463

Sample wt/vol: 4.83 (g/mL) g Lab File ID: 1011_19.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DUP-20251003

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42464

Sample wt/vol: 4.97 (g/mL) g Lab File ID: 1011_20.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 6 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DUP2-20251003

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42465

Sample wt/vol: 5.57 (g/mL) g Lab File ID: 1011_21.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 5 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB-20251003 LL

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42466

Sample wt/vol: 5 (g/mL) g Lab File ID: 1011_16.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec.: 0 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB HL

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42468

Sample wt/vol: 10 (g/mL) g Lab File ID: 1011_17.D

Level: (low/med) Meth Date Received: 10/06/25

% Moisture: not dec. 0 Date Analyzed: 10/11/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 50

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 100

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-15 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42448

Sample wt/vol: 15.01 (g/mL) g Lab File ID: 1015_14.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.292	2600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.005	1200	JNC
074685-30-6	5-Eicosene, (E)-	7.094	870	JN
1000130-98-4	Z-7-Tetradecenoic acid	7.671	1100	JN
000057-10-3	n-Hexadecanoic acid	7.709	1500	JN
000506-17-2	cis-Vaccenic acid	8.344	690	JN
001599-67-3	1-Docosene	8.526	930	JN
000124-25-4	Tetradecanal	12.132	920	JN
000638-66-4	Octadecanal	14.103	1800	JN
000593-49-7	Heptacosane	14.755	1800	JN
	unknown hydrocarbon	14.958	590	J
000544-76-3	Hexadecane	16.358	730	JN
000083-46-5	.beta.-Sitosterol	16.486	2000	JN
	unknown hydrocarbon	17.138	1600	J
	unknown hydrocarbon	17.699	710	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-15 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42449

Sample wt/vol: 15.15 (g/mL) g Lab File ID: 1015_10.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.297	3600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.004	1600	JNC
000629-73-2	1-Hexadecene	7.094	1200	JN
018435-45-5	1-Nonadecene	8.526	1300	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: S2B-15 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42450

Sample wt/vol: 15.17 (g/mL) g Lab File ID: 1015_13.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.292	2200	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.005	1400	JNC
074685-30-6	5-Eicosene, (E)-	7.094	1100	JN
018435-45-5	1-Nonadecene	8.526	1200	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: S2B-16 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU42448

Matrix:(soil/water): SOIL | Lab Sample ID: CU42451

Sample wt/vol: 15.13 (g/mL) g | Lab File ID: 1015_15.D

Level: (low/med): Low | Date Received: 10/06/25

% Moisture: not dec. 9 | decanted:(Y/N) NA | Date Extracted: 10/15/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.292	2300	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.004	1500	JNC
007206-21-5	5-Octadecene, (E)-	7.094	1000	JN
002416-20-8	Hexadecenoic acid, Z-11-	7.687	4800	JN
000057-10-3	n-Hexadecanoic acid	7.719	2000	JN
000506-17-2	cis-Vaccenic acid	8.350	1200	JN
001599-67-3	1-Docosene	8.526	1100	JN
000638-66-4	Octadecanal	12.132	720	JN
	Octadecanal Isomer	14.092	370	JN
1000309-17-9	Sulfurous acid, butyl dodecyl este	14.755	1200	JN
	unknown hydrocarbon	16.133	530	J
000112-95-8	Eicosane	16.358	610	JN
	unknown hydrocarbon	16.480	1500	J
	unknown hydrocarbon	17.138	1200	J
	unknown hydrocarbon	17.565	470	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: S2B-16 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42452

Sample wt/vol: 15.07 (g/mL) g Lab File ID: 1015_15.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1100	JNC
007206-25-9	9-Octadecene, (E)-	7.243	670	JN
018435-45-5	1-Nonadecene	8.700	830	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-17 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU42448

Matrix:(soil/water): SOIL | Lab Sample ID: CU42453

Sample wt/vol: 15.07 (g/mL) g | Lab File ID: 1015_16.D

Level: (low/med): Low | Date Received: 10/06/25

% Moisture: not dec. 8 | decanted:(Y/N) NA | Date Extracted: 10/15/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 3 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.425	9400	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1200	JNC
007206-25-9	9-Octadecene, (E)-	7.243	660	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-17 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42454

Sample wt/vol: 15.09 (g/mL) g Lab File ID: 1015_17.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	850	JNC
035507-09-6	7-Hexadecene, (Z)-	7.243	470	JN
001599-67-3	1-Docosene	8.706	570	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB 17 10-12

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4244

Matrix:(soil/water) SOIL Lab Sample ID: CU42455

Sample wt/vol: 15.09 (g/mL) g Lab File ID: 1015_24.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 10/16/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1800	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1200	JNC
	unknown hydrocarbon	6.884	400	J
000205-99-2	Benz[e]acephenanthrylene	12.548	290	JN
000638-66-4	Octadecanal	14.617	470	JN
001058-61-3	Stigmast-4-en-3-one	17.472	300	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-18 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42456

Sample wt/vol: 15.1 (g/mL) g Lab File ID: 1015_25.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 9 decanted:(Y/N) NA Date Extracted: 10/16/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1900	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1200	JNC
000057-10-3	n-Hexadecanoic acid	7.860	310	JN
000205-99-2	Benz[e]acephenanthrylene	12.549	310	JN
067860-04-2	Oxirane, heptadecyl-	14.617	570	JN
001058-61-3	Stigmast-4-en-3-one	17.472	400	JN
	unknown hydrocarbon	18.089	310	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-18 10-15

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42457

Sample wt/vol: 15.01 (g/mL) g Lab File ID: 1015_18.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	990	JNC
035507-09-6	7-Hexadecene, (Z)-	7.243	560	JN
001599-67-3	1-Docosene	8.706	700	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-19 SURF

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU4244

Matrix:(soil/water): SOIL | Lab Sample ID: CU42458

Sample wt/vol: 15.01 (g/mL) g | Lab File ID: 1015_26.D

Level: (low/med): Low | Date Received: 10/06/25

% Moisture: not dec. 9 | decanted:(Y/N) NA | Date Extracted: 10/16/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 12 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	2200	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	980	JNC
035507-09-6	7-Hexadecene, (Z)-	7.249	510	JN
	Octadecanal Isomer	12.549	1200	JN
000198-55-0	Perylene	12.966	290	JN
000638-66-4	Octadecanal	14.623	610	JN
056862-62-5	10-Methylnonadecane	15.257	1400	JN
000638-66-4	Octadecanal	16.338	530	JN
000112-88-9	1-Octadecene	16.644	480	JN
000083-46-5	.beta.-Sitosterol	16.767	550	JN
	unknown hydrocarbon	17.084	350	J
	unknown hydrocarbon	17.466	750	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-19 0-5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42459

Sample wt/vol: 15.33 (g/mL) g Lab File ID: 1015_19.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1600	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1000	JNC
035507-09-6	7-Hexadecene, (Z)-	7.243	590	JN
018435-45-5	1-Nonadecene	8.706	770	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-19 10-13

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water): SOIL Lab Sample ID: CU42460

Sample wt/vol: 15.24 (g/mL) g Lab File ID: 1015_21.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 10/16/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1200	JNC
007206-21-5	5-Octadecene, (E)-	7.249	730	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-20 SURF

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42461

Sample wt/vol: 15 (g/mL) g Lab File ID: 1015_27.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 11 decanted:(Y/N) NA Date Extracted: 10/16/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	2100	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	790	JNC
000638-53-9	Tridecanoic acid	7.866	1500	JN
1000190-13-7	Octadec-9-enoic acid	8.500	810	JN
000629-98-1	13-Docosen-1-ol, (Z)-	12.560	3100	JN
002004-39-9	1-Heptacosanol	13.160	5900	JN
056554-86-0	17-Octadecenal	14.634	2200	JN
000630-04-6	Hentriacontane	15.269	2200	JN
	unknown hydrocarbon	15.334	740	J
	17-Octadecenal Isomer	16.344	1200	JN
062016-79-9	Heptacosane, 1-chloro-	16.656	900	JN
000083-47-6	.gamma.-Sitosterol	16.767	3900	JN
	unknown hydrocarbon	17.032	790	J
	unknown hydrocarbon	17.096	2400	J
001058-61-3	Stigmast-4-en-3-one	17.496	4300	JN

FORM I SEMIVOA-TIC

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C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-20 0.5

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU4244

Matrix:(soil/water): SOIL Lab Sample ID: CU42462

Sample wt/vol: 15.26 (g/mL) g Lab File ID: 1015_22.D

Level: (low/med): Low Date Received: 10/06/25

% Moisture: not dec. 6 decanted:(Y/N) NA Date Extracted: 10/16/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1700	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1200	JNC
007206-19-1	3-Octadecene, (E)-	7.243	680	JN
000057-10-3	n-Hexadecanoic acid	7.854	280	JN

FORM I SEMIVOA-TIC

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C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: 2SB-20 5-8

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42463

Sample wt/vol: 15.17 (g/mL) g Lab File ID: 1015_12.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 7 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1900	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1300	JNC
018435-45-5	1-Nonadecene	7.243	680	JN

FORM I SEMIVOA-TIC

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Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DUP-20251003

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU42448

Matrix:(soil/water): SOIL | Lab Sample ID: CU42464

Sample wt/vol: 15.13 (g/mL) g | Lab File ID: 1015_23.D

Level: (low/med): Low | Date Received: 10/06/25

% Moisture: not dec. 6 | decanted:(Y/N) NA | Date Extracted: 10/16/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 10/16/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 3 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1900	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1300	JNC
007206-19-1	3-Octadecene, (E)-	7.249	660	JN

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.
C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DUP2-20251003

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU42448

Matrix:(soil/water) SOIL Lab Sample ID: CU42465

Sample wt/vol: 15.29 (g/mL) g Lab File ID: 1015_20.D

Level: (low/med) Low Date Received: 10/06/25

% Moisture: not dec. 5 decanted:(Y/N) NA Date Extracted: 10/15/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 10/15/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.419	1500	JNA
023676-09-7	Benzoic acid, 4-ethoxy-, ethyl est	6.156	1100	JNC
007206-25-9	9-Octadecene, (E)-	7.243	600	JN
018435-45-5	1-Nonadecene	8.706	770	JN
010081-67-1	Benzenamine, 4-(1-methyl-1-phenyle	18.530	500	JN

FORM I SEMIVOA-TIC

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 806861 (mg/kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.40	<0.40	NC	100						90 - 110	30	
Chromium, Hexavalent (Ins)						97.9			92.4			90 - 110	30	
Chromium, Hexavalent (Sol)						94.3			64.2			90 - 110	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.														
QA/QC Batch 807648 (mg/kg), QC Sample No: CU42463 (CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.41	<0.41	NC	101						90 - 110	30	
Chromium, Hexavalent (Ins)						99.0			101			90 - 110	30	
Chromium, Hexavalent (Sol)						91.3			83.0			90 - 110	30	m
QA/QC Batch 807435 (mg/kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462)														
Mercury - Soil	BRL	0.03	0.23	0.25	8.30	111	115	3.5	97.9	>125	NC	75 - 125	30	m
QA/QC Batch 807436 (mg/kg), QC Sample No: CU42463 (CU42463)														
Mercury - Soil	BRL	0.03	0.03 J	0.02 J	NC	112	112	0.0	114	116	1.7	75 - 125	30	
QA/QC Batch 807437 (mg/kg), QC Sample No: CU42464 (CU42464, CU42465)														
Mercury - Soil	BRL	0.03	3.47	4.01	14.4	120	117	2.5	103			75 - 125	30	
QA/QC Batch 806777 (mg/kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461)														
ICP Metals - Soil														
Aluminum	BRL	1.9	16200	16500	1.80	111	115	3.5	NC	NC	NC	80 - 120	30	
Antimony	BRL	1.3	<3.3	<3.2	NC	96.2	101	4.9	77.1	76.8	0.4	70 - 130	30	
Arsenic	BRL	0.25	3.33	3.24	NC	101	104	2.9	93.6	94.5	1.0	80 - 120	30	
Barium	BRL	0.13	81.4	86.1	5.60	110	115	4.4	123	122	0.8	80 - 120	30	
Beryllium	BRL	0.10	0.63	0.65	NC	105	111	5.6	102	101	1.0	80 - 120	30	
Cadmium	BRL	0.13	<0.33	<0.32	NC	100	103	3.0	98.6	99.0	0.4	80 - 120	30	
Calcium	BRL	1.9	1110	1090	1.80	104	110	5.6	NC	NC	NC	80 - 120	30	
Chromium	BRL	0.13	16.3	17.1	4.80	102	108	5.7	102	103	1.0	80 - 120	30	
Cobalt	BRL	0.13	10.3	10.6	2.90	106	112	5.5	100	101	1.0	80 - 120	30	
Copper	BRL	0.25	19.4	18.6	4.20	105	109	3.7	103	105	1.9	80 - 120	30	
Iron	BRL	1.9	23600	23000	2.60	108	109	0.9	NC	NC	NC	80 - 120	30	
Lead	BRL	0.13	66.5 *	35.8	60.0	99.9	101	1.1	85.9	82.7	3.8	80 - 120	30	r
Magnesium	BRL	1.9	4000	3970	0.80	105	107	1.9	NC	NC	NC	80 - 120	30	
Manganese	BRL	0.13	838	826	1.40	103	112	8.4	NC	NC	NC	80 - 120	30	
Nickel	BRL	0.13	18.3	18.4	0.50	105	110	4.7	100	102	2.0	80 - 120	30	
Potassium	BRL	1.9	1270 N	1320	3.90	109	112	2.7	>130	>130	NC	80 - 120	30	m
Selenium	BRL	0.50	<1.3	<1.3	NC	94.3	96.6	2.4	82.2	83.1	1.1	80 - 120	30	
Silver	BRL	0.13	<0.33	<0.32	NC	108	111	2.7	98.4	98.6	0.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Sodium	BRL	1.9	68	54.7	21.7	106	112	5.5	116	120	3.4	80 - 120	30	
Thallium	BRL	1.1	<1.3	<2.9	NC	99.2	103	3.8	97.8	97.5	0.3	80 - 120	30	
Vanadium	BRL	0.13	24.4	26.0	6.30	104	108	3.8	106	107	0.9	80 - 120	30	
Zinc	BRL	0.25	80.3	80.1	0.20	100	104	3.9	99.6	101	1.4	80 - 120	30	
QA/QC Batch 806778 (mg/kg), QC Sample No: CU42463 (CU42462, CU42463, CU42464, CU42465)														
ICP Metals - Soil														
Aluminum	BRL	8.0	15100	15600	3.30	104	115	10.0	NC	NC	NC	80 - 120	30	
Antimony	BRL	1.3	<3.5	<3.3	NC	96.7	112	14.7	85.7	83.1	3.1	70 - 130	30	
Arsenic	BRL	0.25	5.11	5.41	5.70	91.0	100	9.4	93.2	93.0	0.2	80 - 120	30	
Barium	BRL	0.13	61.4	71.3	14.9	86.2	110	24.3	124	126	1.6	80 - 120	30	m
Beryllium	BRL	0.10	0.75	0.76	NC	88.8	107	18.6	101	99.7	1.3	80 - 120	30	
Cadmium	BRL	0.13	0.36	0.35	NC	85.1	98.8	14.9	99.0	97.6	1.4	80 - 120	30	
Calcium	BRL	9.0	2250	1930	15.3	92.2	108	15.8	NC	NC	NC	80 - 120	30	
Chromium	BRL	0.13	18.6	19.1	2.70	88.3	105	17.3	102	101	1.0	80 - 120	30	
Cobalt	BRL	0.13	12.4	13.4	7.80	92.8	108	15.1	100	98.6	1.4	80 - 120	30	
Copper	BRL	0.25	34.7	36.5	5.10	93.8	106	12.2	105	104	1.0	80 - 120	30	
Iron	BRL	11	31400	29600	5.90	102	105	2.9	NC	NC	NC	80 - 120	30	
Lead	BRL	0.13	17.8	16.8	5.80	90.1	97.9	8.3	97.2	95.4	1.9	80 - 120	30	
Magnesium	BR:	3.0	5290	5190	1.90	97.4	103	5.6	NC	NC	NC	80 - 120	30	
Manganese	BRL	0.30	570	594	4.10	91.9	102	10.4	79.4	62.4	24.0	80 - 120	30	m
Nickel	BRL	0.13	27.1	27.2	0.40	88.9	105	16.6	98.8	96.6	2.3	80 - 120	30	
Potassium	BRL	4.0	2120 N	2460	14.8	98.4	110	11.1	>130	>130	NC	80 - 120	30	m
Selenium	BRL	0.50	<1.4	<1.3	NC	84.4	92.6	9.3	82.8	81.2	2.0	80 - 120	30	
Silver	BRL	0.13	<0.35	<0.33	NC	98.1	107	8.7	98.4	96.9	1.5	70 - 130	30	
Sodium	BRL	1.9	334 N	393	16.2	88.3	106	18.2	>130	>130	NC	80 - 120	30	m
Thallium	BRL	1.1	<1.4	<3.0	NC	86.1	97.1	12.0	97.1	95.5	1.7	80 - 120	30	
Vanadium	BRL	0.13	22.8	23.4	2.60	90.4	105	14.9	107	104	2.8	80 - 120	30	
Zinc	BRL	0.25	81.2	84.9	4.50	89.7	103	13.8	93.4	92.6	0.9	80 - 120	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 807407 (mg/Kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451)														
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.53	<0.53	NC	97.9	97.8	0.1	96.5			80 - 120	30	
Comment:														
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils														
QA/QC Batch 807776 (mg/Kg), QC Sample No: CU42463 (CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)														
Total Cyanide (SW9010C Distill.)	BRL	0.50	0.79	<0.54	NC	80.0	72.8	9.4	96.6			80 - 120	30	I
Comment:														
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils														
QA/QC Batch 806845 (PH), QC Sample No: CU42448 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)														
pH			7.50	7.51	0.10	99.9						85 - 115	20	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														
QA/QC Batch 806846 (mV), QC Sample No: CU42448 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)														
Redox Potential			40.6	40.3	NC							75 - 125	30	
Comment:														
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.														

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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NY # 11301

QA/QC Report

November 26, 2025

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 809559 (mg/Kg), QC Sample No: CU42448 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456)										
PFOA & PFOS - Soil										
11Cl-PF3OUdS	ND	0.0008	131.	105.		122.	120.	1	45 - 160	20
3:3FTCA	ND	0.001	120.	102.		79.2	87.2	10	45 - 130	20
4:2FTS	ND	0.0008	137.	93.2		110.	124.	12	60 - 150	20
5:3FTCA	ND	0.005	126.	102.		100.	98.4	1	60 - 130	20
6:2FTS	ND	0.0008	131.	111.		113.	117.	4	55 - 200	20
7:3FTCA	ND	0.005	125.	103.		98.6	98.6	0	60 - 150	20
8:2FTS	ND	0.0008	139.	113.		116.	119.	3	70 - 150	20
9Cl-PF3ONS	ND	0.0008	134.	113.		133.	128.	3	70 - 150	20
ADONA	ND	0.0008	133.	118.		118.	126.	7	70 - 160	20
FOSA	ND	0.0002	128.	103.		113.	115.	2	70 - 140	20
HFPO-DA	ND	0.0008	115.	108.		115.	116.	1	70 - 145	20
NEtFOSA	ND	0.0002	132.	106.		119.	121.	3	70 - 140	20
NEtFOSAA	ND	0.0002	116.	100.		103.	107.	4	65 - 165	20
NEtFOSE	ND	0.002	130.	108.		115.	121.	5	70 - 135	20
NFDHA	ND	0.0004	121.	100.		112.	112.	1	60 - 155	20
NMeFOSA	ND	0.0002	125.	107.		111.	115.	4	70 - 155	20
NMeFOSAA	ND	0.0002	128.	104.		113.	114.	1	65 - 155	20
NMeFOSE	ND	0.002	127.	103.		113.	112.	0	70 - 140	20
PFBA	ND	0.0008	130.	106.		117.	119.	2	70 - 140	20
PFBS	ND	0.0002	124.	104.		114.	113.	0	65 - 145	20
PFDA	ND	0.0002	129.	104.		110.	112.	2	70 - 155	20
PFDoA	ND	0.0002	131.	108.		116.	119.	3	70 - 150	20
PFDoDS	ND	0.0002	112.	86.6		104.	108.	4	25 - 160	20
PFDS	ND	0.0002	128.	105.		117.	118.	2	40 - 155	20
PFEESA	ND	0.0004	141.	111.		118.	127.	7	70 - 140	20
PFHpA	ND	0.0002	131.	108.		114.	116.	2	65 - 145	20
PFHpS	ND	0.0002	125.	105.		122.	123.	1	65 - 155	20
PFHxA	ND	0.0002	132.	106.		108.	115.	6	65 - 140	20
PFHxS	ND	0.0002	128.	106.		110.	114.	3	60 - 150	20
PFMBA	ND	0.0004	130.	104.		120.	122.	2	60 - 150	20
PFMPA	ND	0.0004	126.	100.		102.	104.	2	30 - 140	20
PFNA	ND	0.0002	128.	102.		115.	115.	0	70 - 155	20
PFNS	ND	0.0002	129.	106.		118.	119.	1	55 - 140	20
PFOA	ND	0.0002	126.	104.		113.	117.	3	70 - 150	20
PFOS	ND	0.0002	130.	106.		116.	119.	3	65 - 160	20
PFPeA	ND	0.0004	135.	110.		109.	118.	8	60 - 150	20
PFPeS	ND	0.0002	130.	108.		106.	115.	9	55 - 160	20
PFTA	ND	0.0002	131.	106.		114.	117.	3	65 - 150	20
PFTrDA	ND	0.0002	123.	97.6		105.	108.	4	65 - 150	20
PFUnA	ND	0.0002	132.	106.		109.	115.	6	70 - 155	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% d3-N-MeFOSAA	71.8		87.4	67.2		104.	95.0		40 - 135	20
% M2-4:2 FTS	81.0		96.1	90.9		104.	99.5		40 - 165	20
% M2-6:2 FTS	83.0		101.	81.9		94.6	96.7		40 - 215	20
% M2-8:2 FTS	84.6		100.	82.2		105.	105.		40 - 275	20
% M2PFTEDA	62.2		85.7	70.0		86.2	91.2		20 - 130	20
% M3HFPO-DA	79.2		99.6	78.0		90.1	87.8		40 - 130	20
% M3PFBS	70.1		96.3	73.2		102.	97.0		40 - 135	20
% M3PFHxS	74.9		94.9	78.8		103.	98.0		40 - 130	20
% M4PFHpA	80.3		96.1	83.5		92.7	94.3		40 - 130	20
% M5PFHxA	75.5		90.6	77.5		100.	92.4		40 - 130	20
% M5PFPEA	83.8		96.8	82.2		94.9	93.3		35 - 130	20
% M6PFDA	77.5		94.8	82.0		99.4	96.4		40 - 130	20
% M7PFUDA	80.7		101.	86.2		103.	101.		40 - 130	20
% M8FOSA	75.8		89.3	73.1		98.7	81.6		40 - 130	20
% M8PFOA	77.6		93.0	80.9		97.3	95.6		40 - 130	20
% M8PFOS	71.7		92.0	72.9		101.	93.2		40 - 130	20
% M9PFNA	76.7		94.8	83.3		95.8	97.3		40 - 130	20
% MPFBA	101.		102.	102.		94.5	96.6		8 - 130	20
% MPFDOA	67.8		88.8	74.4		91.2	91.0		40 - 130	20

Comment:

Sample CU42448 was not used for MS, batch results provided., LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809568 (ng/L), QC Sample No: CU42453 (CU42453)

PFAS (21) (ReExtraction 1)

11Cl-PF3OUdS - Soil	ND	0.800	91	108					45 - 160	20
3:3FTCA - Soil	ND	1.00	88	106					45 - 130	20
4:2FTS - Soil	ND	0.800	93	117					60 - 150	20
5:3FTCA - Soil	ND	5.00	91	111					60 - 130	20
6:2FTS - Soil	ND	0.800	97	112					55 - 200	20
7:3FTCA - Soil	ND	5.00	89	106					60 - 150	20
8:2FTS - Soil	ND	0.800	89	112					70 - 150	20
9Cl-PF3ONS - Soil	ND	0.800	100	118					70 - 150	20
ADONA - Soil	ND	0.800	94	117					70 - 160	20
FOSA - Soil	ND	0.200	93	113					70 - 140	20
HFPO-DA - Soil	ND	0.800	92	113					70 - 145	20
NEtFOSA - Soil	ND	0.200	95	120					70 - 140	20
NEtFOSAA - Soil	ND	0.200	94	115					65 - 165	20
NEtFOSE - Soil	ND	2.00	93	112					70 - 135	20
NFDHA - Soil	ND	0.400	104	122					60 - 155	20
NMeFOSA - Soil	ND	0.200	92	112					70 - 155	20
NMeFOSAA - Soil	ND	0.200	88	115					65 - 155	20
NMeFOSE - Soil	ND	2.00	94	109					70 - 140	20
PFBA - Soil	ND	0.800	93	111					70 - 140	20
PFBS - Soil	ND	0.200	96	104					65 - 145	20
PFDA - Soil	ND	0.200	92	108					70 - 155	20
PFDoA - Soil	ND	0.200	99	110					70 - 150	20
PFDoDS - Soil	ND	0.200	74	89					25 - 160	20
PFDS - Soil	ND	0.200	90	108					40 - 155	20
PFEESA - Soil	ND	0.400	100	116					70 - 140	20
PFHpA - Soil	ND	0.200	91	110					65 - 145	20
PFHpS - Soil	ND	0.200	94	114					65 - 155	20

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PFHxA - Soil	ND	0.200	91	106					65 - 140	20
PFHxS - Soil	ND	0.200	90	110					60 - 150	20
PFMBA - Soil	ND	0.400	93	113					60 - 150	20
PFMPA - Soil	ND	0.400	87	105					30 - 140	20
PFNA - Soil	ND	0.200	89	110					70 - 155	20
PFNS - Soil	ND	0.200	92	107					55 - 140	20
PFOA - Soil	ND	0.200	93	112					70 - 150	20
PFOS - Soil	ND	0.200	99	105					65 - 160	20
PFPeA - Soil	ND	0.400	94	115					60 - 150	20
PFPeS - Soil	ND	0.200	93	117					55 - 160	20
PFTA - Soil	ND	0.200	95	115					65 - 150	20
PFTrDA - Soil	ND	0.200	102	118					65 - 150	20
PFUnA - Soil	ND	0.200	100	107					70 - 155	20
% d3-N-MeFOSAA - Soil	67.5		80	78					40 - 135	20
% M2-4:2 FTS - Soil	86.9		107	88					40 - 165	20
% M2-6:2 FTS - Soil	82.4		100	88					40 - 215	20
% M2-8:2 FTS - Soil	77.7		99	86					40 - 275	20
% M2PFTEDA - Soil	62.6		66	63					20 - 130	20
% M3HFPO-DA - Soil	74.1		97	87					40 - 130	20
% M3PFBS - Soil	65.8		94	88					40 - 135	20
% M3PFHxS - Soil	63.9		92	85					40 - 130	20
% M4PFHpA - Soil	72.6		92	85					40 - 130	20
% M5PFHxA - Soil	71.2		91	86					40 - 130	20
% M5PFPEA - Soil	72.7		94	86					35 - 130	20
% M6PFDA - Soil	75.3		93	81					40 - 130	20
% M7PFUDA - Soil	80.3		94	91					40 - 130	20
% M8FOSA - Soil	68.4		83	82					40 - 130	20
% M8PFOA - Soil	73.4		92	85					40 - 130	20
% M8PFOS - Soil	65.1		83	86					40 - 130	20
% M9PFNA - Soil	74.3		93	86					40 - 130	20
% MPFBA - Soil	99.5		100	100					8 - 130	20
% MPFDOA - Soil	70.6		76	75					40 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809564 (mg/Kg), QC Sample No: CU42453 (CU42453)

PFOA & PFOS - Soil

11Cl-PF3OUdS	ND	0.0008	90.5	108.					45 - 160	20
3:3FTCA	ND	0.001	87.6	106.					45 - 130	20
4:2FTS	ND	0.0008	93.4	117.					60 - 150	20
5:3FTCA	ND	0.005	90.7	111.					60 - 130	20
6:2FTS	ND	0.0008	97.3	112.					55 - 200	20
7:3FTCA	ND	0.005	88.8	106.					60 - 150	20
8:2FTS	ND	0.0008	88.5	112.					70 - 150	20
9Cl-PF3ONS	ND	0.0008	100.	118.					70 - 150	20
ADONA	ND	0.0008	93.5	117.					70 - 160	20
FOSA	ND	0.0002	93.3	113.					70 - 140	20
HFPO-DA	ND	0.0008	92.1	113.					70 - 145	20
NEtFOSA	ND	0.0002	95.4	120.					70 - 140	20
NEtFOSAA	ND	0.0002	94.2	115.					65 - 165	20
NEtFOSE	ND	0.002	93.1	112.					70 - 135	20
NFDHA	ND	0.0004	104.	122.					60 - 155	20

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
NMeFOSA	ND	0.0002	91.8	112.					70 - 155	20
NMeFOSAA	ND	0.0002	87.9	115.					65 - 155	20
NMeFOSE	ND	0.002	93.6	109.					70 - 140	20
PFBA	ND	0.0008	92.5	111.					70 - 140	20
PFBS	ND	0.0002	95.5	104.					65 - 145	20
PFDA	ND	0.0002	91.6	108.					70 - 155	20
PFDoA	ND	0.0002	98.9	110.					70 - 150	20
PFDoDS	ND	0.0002	73.8	89.2					25 - 160	20
PFDS	ND	0.0002	89.6	108.					40 - 155	20
PFEESA	ND	0.0004	100.	116.					70 - 140	20
PFHpA	ND	0.0002	91.1	110.					65 - 145	20
PFHpS	ND	0.0002	93.8	114.					65 - 155	20
PFHxA	ND	0.0002	90.9	106.					65 - 140	20
PFHxS	ND	0.0002	89.6	110.					60 - 150	20
PFMBA	ND	0.0004	93.3	113.					60 - 150	20
PFMPA	ND	0.0004	86.8	105.					30 - 140	20
PFNA	ND	0.0002	88.5	110.					70 - 155	20
PFNS	ND	0.0002	91.6	107.					55 - 140	20
PFOA	ND	0.0002	93.2	112.					70 - 150	20
PFOS	ND	0.0002	99.2	105.					65 - 160	20
PFPeA	ND	0.0004	94.1	115.					60 - 150	20
PFPeS	ND	0.0002	92.5	117.					55 - 160	20
PFTA	ND	0.0002	95.2	115.					65 - 150	20
PFTrDA	ND	0.0002	102.	118.					65 - 150	20
PFUnA	ND	0.0002	100.	107.					70 - 155	20
% d3-N-MeFOSAA	67.5		80.2	77.6					40 - 135	20
% M2-4:2 FTS	86.9		107.	87.6					40 - 165	20
% M2-6:2 FTS	82.4		99.7	88.0					40 - 215	20
% M2-8:2 FTS	77.7		99.2	86.1					40 - 275	20
% M2PFTEDA	62.6		66.2	62.5					20 - 130	20
% M3HFPO-DA	74.1		97.3	86.8					40 - 130	20
% M3PFBS	65.8		93.5	88.2					40 - 135	20
% M3PFHxS	63.9		92.4	85.4					40 - 130	20
% M4PFHpA	72.6		92.2	85.2					40 - 130	20
% M5PFHxA	71.2		91.2	85.5					40 - 130	20
% M5PFPEA	72.7		93.9	85.6					35 - 130	20
% M6PFDA	75.3		92.6	81.3					40 - 130	20
% M7PFUDA	80.3		94.3	91.2					40 - 130	20
% M8FOSA	68.4		83.4	81.5					40 - 130	20
% M8PFOA	73.4		92.1	84.8					40 - 130	20
% M8PFOS	65.1		82.7	86.4					40 - 130	20
% M9PFNA	74.3		92.6	85.7					40 - 130	20
% MPFBA	99.5		100.	100.					8 - 130	20
% MPFDOA	70.6		76.3	74.6					40 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809560 (mg/Kg), QC Sample No: CU42457 (CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)

PFOA & PFOS - Soil

11Cl-PF3OUdS	ND	0.0008	89.2	94.6		100.	113.	12	45 - 160	20
3:3FTCA	ND	0.001	91.7	103.		83.3	87.5	5	45 - 130	20

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4:2FTS	ND	0.0008	95.9	102.		116.	125.	7	60 - 150	20	
5:3FTCA	ND	0.005	93.9	102.		82.4	89.8	8	60 - 130	20	
6:2FTS	ND	0.0008	98.3	107.		109.	118.	7	55 - 200	20	
7:3FTCA	ND	0.005	91.5	98.0		78.4	87.4	11	60 - 150	20	
8:2FTS	ND	0.0008	92.3	96.4		108.	120.	10	70 - 150	20	
9Cl-PF3ONS	ND	0.0008	91.4	92.0		106.	116.	9	70 - 150	20	
ADONA	ND	0.0008	90.1	97.8		110.	111.	0	70 - 160	20	
FOSA	ND	0.0002	99.9	106.		111.	121.	9	70 - 140	20	
HFPO-DA	ND	0.0008	93.0	101.		122.	120.	2	70 - 145	20	
NEtFOSA	ND	0.0002	99.7	110.		116.	118.	2	70 - 140	20	
NEtFOSAA	ND	0.0002	85.3	98.7		103.	105.	2	65 - 165	20	
NEtFOSE	ND	0.002	94.3	99.4		106.	115.	8	70 - 135	20	
NFDHA	ND	0.0004	106.	112.		108.	136.	23	60 - 155	20	r
NMeFOSA	ND	0.0002	95.4	102.		107.	116.	8	70 - 155	20	
NMeFOSAA	ND	0.0002	94.8	99.4		101.	110.	8	65 - 155	20	
NMeFOSE	ND	0.002	96.5	102.		110.	118.	7	70 - 140	20	
PFBA	ND	0.0008	91.4	99.0		105.	113.	7	70 - 140	20	
PFBS	ND	0.0002	96.4	103.		113.	111.	2	65 - 145	20	
PFDA	ND	0.0002	90.7	98.3		103.	111.	7	70 - 155	20	
PFDoA	ND	0.0002	94.5	101.		108.	116.	7	70 - 150	20	
PFDoDS	ND	0.0002	69.8	82.4		83.0	104.	22	25 - 160	20	r
PFDS	ND	0.0002	84.2	90.6		97.3	109.	11	40 - 155	20	
PFEESA	ND	0.0004	96.0	105.		113.	117.	4	70 - 140	20	
PFHpA	ND	0.0002	92.4	99.5		105.	116.	9	65 - 145	20	
PFHpS	ND	0.0002	97.9	101.		119.	122.	2	65 - 155	20	
PFHxA	ND	0.0002	96.9	100.		108.	115.	6	65 - 140	20	
PFHxS	ND	0.0002	94.6	99.0		107.	114.	6	60 - 150	20	
PFMBA	ND	0.0004	90.5	98.3		104.	111.	7	60 - 150	20	
PFMPA	ND	0.0004	89.5	96.4		103.	109.	6	30 - 140	20	
PFNA	ND	0.0002	93.0	100.		102.	115.	12	70 - 155	20	
PFNS	ND	0.0002	90.9	94.8		105.	113.	8	55 - 140	20	
PFOA	ND	0.0002	94.8	102.		108.	116.	7	70 - 150	20	
PFOS	ND	0.0002	91.2	92.3		106.	121.	12	65 - 160	20	
PFPeA	ND	0.0004	92.8	100.		107.	115.	7	60 - 150	20	
PFPeS	ND	0.0002	97.4	103.		113.	118.	4	55 - 160	20	
PFTA	ND	0.0002	98.0	105.		110.	118.	7	65 - 150	20	
PFTrDA	ND	0.0002	88.1	98.4		102.	116.	12	65 - 150	20	
PFUnA	ND	0.0002	93.8	104.		109.	113.	4	70 - 155	20	
% d3-N-MeFOSAA	83.2		78.4	72.2		65.0	52.7		40 - 135	20	
% M2-4:2 FTS	97.8		104.	88.0		88.7	76.1		40 - 165	20	
% M2-6:2 FTS	96.1		104.	86.7		94.5	76.4		40 - 215	20	
% M2-8:2 FTS	84.5		91.7	80.0		86.0	66.9		40 - 275	20	
% M2PFTEDA	65.6		69.3	64.3		65.4	58.8		20 - 130	20	
% M3HFPO-DA	92.0		104.	85.5		90.6	79.5		40 - 130	20	
% M3PFBS	92.6		91.5	77.3		86.6	74.2		40 - 135	20	
% M3PFHxS	88.2		94.2	81.2		90.3	71.4		40 - 130	20	
% M4PFHpA	90.2		97.0	81.7		92.9	75.0		40 - 130	20	
% M5PFHxA	87.3		91.8	77.2		88.0	71.8		40 - 130	20	
% M5PFPEA	93.6		99.2	81.8		94.4	78.6		35 - 130	20	
% M6PFDA	89.7		101.	82.2		92.0	74.8		40 - 130	20	
% M7PFUDA	92.6		98.9	85.3		92.1	74.8		40 - 130	20	
% M8FOSA	88.7		91.9	81.4		87.6	74.0		40 - 130	20	
% M8PFOA	89.2		98.1	83.0		92.4	75.2		40 - 130	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M8PFOS	91.1		95.3	86.7		91.8	73.8		40 - 130	20
% M9PFNA	91.2		97.2	82.6		96.4	75.0		40 - 130	20
% MPFBA	101.		101.	102.		102.	102.		8 - 130	20
% MPFDOA	80.5		88.1	75.8		78.0	65.4		40 - 130	20

Comment:

Sample CU42457 was not used for MS, batch results provided., LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809557 (ng/L), QC Sample No: CU42467 (CU42467)

PFOA & PFOS

11Cl-PF3OUdS	ND	8.00	111.	101.					55 - 160	20
3:3FTCA	ND	10.0	104.	95.8					65 - 130	20
4:2FTS	ND	8.00	114.	104.					70 - 145	20
5:3FTCA	ND	50.0	120.	112.					70 - 135	20
6:2FTS	ND	8.00	111.	106.					65 - 155	20
7:3FTCA	ND	50.0	101.	97.7					50 - 145	20
8:2FTS	ND	8.00	118.	106.					60 - 150	20
9Cl-PF3ONS	ND	8.00	130.	120.					70 - 155	20
ADONA	ND	8.00	129.	113.					65 - 145	20
FOSA	ND	2.00	122.	118.					70 - 145	20
HFPO-DA	ND	8.00	129.	116.					70 - 140	20
NEtFOSA	ND	2.00	121.	130.					65 - 145	20
NEtFOSAA	ND	2.00	102.	99.4					70 - 145	20
NEtFOSE	ND	20.0	111.	110.					70 - 135	20
NFDHA	ND	4.00	108.	103.					50 - 150	20
NMeFOSA	ND	2.00	110.	121.					60 - 150	20
NMeFOSAA	ND	2.00	108.	104.					50 - 140	20
NMeFOSE	ND	20.0	114.	111.					70 - 145	20
PFBA	ND	8.00	119.	113.					70 - 140	20
PFBS	ND	2.00	114.	114.					60 - 145	20
PFDA	ND	2.00	107.	99.6					70 - 140	20
PFDoA	ND	2.00	111.	105.					70 - 140	20
PFDoDS	ND	2.00	73.9	64.6					50 - 145	20
PFDS	ND	2.00	109.	100.					60 - 145	20
PFEESA	ND	4.00	107.	101.					70 - 140	20
PFHpA	ND	2.00	104.	98.6					70 - 145	20
PFHpS	ND	2.00	119.	117.					70 - 150	20
PFHxA	ND	2.00	109.	102.					70 - 145	20
PFHxS	ND	2.00	107.	103.					65 - 145	20
PFMBA	ND	4.00	129.	121.					60 - 150	20
PFMPA	ND	4.00	104.	99.0					55 - 140	20
PFNA	ND	2.00	108.	104.					70 - 150	20
PFNS	ND	2.00	115.	108.					65 - 145	20
PFOA	ND	2.00	116.	107.					70 - 150	20
PFOS	ND	2.00	109.	100.					55 - 150	20
PFPeA	ND	4.00	104.	98.0					65 - 135	20
PFPeS	ND	2.00	106.	103.					65 - 140	20
PFTA	ND	2.00	138.	132.					60 - 140	20
PFTrDA	ND	2.00	102.	89.9					65 - 140	20
PFUnA	ND	2.00	110.	104.					70 - 145	20
% d3-N-MeFOSAA	80.9		90.6	83.7					40 - 170	20
% d5-N-EtFOSAA	79.8		84.3	78.1					25 - 135	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	90.6		96.5	96.7					40 - 200	20
% M2-6:2 FTS	94.7		97.9	95.3					40 - 200	20
% M2-8:2 FTS	90.5		89.2	90.2					40 - 300	20
% M2PFTEDA	53.9		47.3	40.4					10 - 130	20
% M3HFPO-DA	77.2		77.1	79.0					40 - 130	20
% M3PFBS	90.3		96.4	89.3					40 - 135	20
% M3PFHxS	90.6		93.8	91.6					40 - 130	20
% M4PFHpA	86.5		91.3	86.8					40 - 130	20
% M5PFHxA	96.3		101.	96.2					40 - 130	20
% M5PFPEA	87.8		91.0	88.5					40 - 130	20
% M6PFDA	90.2		95.4	90.3					40 - 130	20
% M7PFUDA	90.0		96.8	91.8					30 - 130	20
% M8FOSA	74.6		81.3	78.0					40 - 130	20
% M8PFOA	87.9		92.1	88.9					40 - 130	20
% M8PFOS	88.2		93.8	94.4					40 - 130	20
% M9PFNA	90.2		97.2	90.6					40 - 130	20
% MPFBA	89.5		89.4	88.5					5 - 130	20
% MPFDOA	78.6		78.5	75.8					10 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 809558 (ng/L), QC Sample No: CU43030 (CU43030)

PFOA & PFOS

11Cl-PF3OUdS	ND	8.00	88.3	93.8					55 - 160	20
3:3FTCA	ND	10.0	181.	190.					65 - 130	20
4:2FTS	ND	8.00	103.	110.					70 - 145	20
5:3FTCA	ND	50.0	97.3	101.					70 - 135	20
6:2FTS	ND	8.00	101.	102.					65 - 155	20
7:3FTCA	ND	50.0	86.3	93.3					50 - 145	20
8:2FTS	ND	8.00	103.	108.					60 - 150	20
9Cl-PF3ONS	ND	8.00	107.	112.					70 - 155	20
ADONA	ND	8.00	90.3	88.8					65 - 145	20
FOSA	ND	2.00	117.	126.					70 - 145	20
HFPO-DA	ND	8.00	87.9	91.1					70 - 140	20
NEtFOSA	ND	2.00	86.9	113.					65 - 145	20
NEtFOSAA	ND	2.00	102.	100.					70 - 145	20
NEtFOSE	ND	20.0	101.	100.					70 - 135	20
NFDHA	ND	4.00	110.	91.7					50 - 150	20
NMeFOSA	ND	2.00	83.0	111.					60 - 150	20
NMeFOSAA	ND	2.00	99.1	99.7					50 - 140	20
NMeFOSE	ND	20.0	98.8	101.					70 - 145	20
PFBA	ND	8.00	94.6	99.3					70 - 140	20
PFBS	ND	2.00	97.4	100.					60 - 145	20
PFDA	ND	2.00	94.0	97.8					70 - 140	20
PFDoA	ND	2.00	98.6	99.3					70 - 140	20
PFDoDS	ND	2.00	57.2	73.0					50 - 145	20
PFDS	ND	2.00	91.1	95.1					60 - 145	20
PFEESA	ND	4.00	107.	106.					70 - 140	20
PFHpA	ND	2.00	96.2	100.					70 - 145	20
PFHpS	ND	2.00	113.	116.					70 - 150	20
PFHxA	ND	2.00	97.3	100.					70 - 145	20
PFHxS	ND	2.00	97.1	99.8					65 - 145	20

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
PFMBA	ND	4.00	124.	128.					60 - 150	20	
PFMPA	ND	4.00	117.	123.					55 - 140	20	
PFNA	ND	2.00	101.	102.					70 - 150	20	
PFNS	ND	2.00	107.	113.					65 - 145	20	
PFOA	ND	2.00	94.0	96.6					70 - 150	20	
PFOS	ND	2.00	97.8	98.9					55 - 150	20	
PFPeA	ND	4.00	104.	108.					65 - 135	20	
PFPeS	ND	2.00	104.	110.					65 - 140	20	
PFTA	ND	2.00	81.5	83.1					60 - 140	20	
PFTrDA	ND	2.00	82.1	92.7					65 - 140	20	
PFUnA	ND	2.00	102.	99.8					70 - 145	20	
% d3-N-MeFOSAA	57.1		54.3	49.8					40 - 170	20	
% d5-N-EtFOSAA	100.		89.2	91.1					25 - 135	20	
% M2-4:2 FTS	110.		105.	102.					40 - 200	20	
% M2-6:2 FTS	117.		112.	111.					40 - 200	20	
% M2-8:2 FTS	98.6		88.9	92.2					40 - 300	20	
% M2PFTEDA	93.6		56.2	74.6					10 - 130	20	
% M3HFPO-DA	98.3		99.6	101.					40 - 130	20	
% M3PFBS	99.1		92.5	91.2					40 - 135	20	
% M3PFHxS	97.9		91.1	91.3					40 - 130	20	
% M4PFHpA	91.0		91.9	89.9					40 - 130	20	
% M5PFHxA	98.6		99.8	98.0					40 - 130	20	
% M5PFPEA	92.0		91.7	89.2					40 - 130	20	
% M6PFDA	104.		98.6	97.3					40 - 130	20	
% M7PFUDA	99.2		95.9	93.9					30 - 130	20	
% M8FOSA	75.7		77.5	76.7					40 - 130	20	
% M8PFOA	96.5		97.4	95.9					40 - 130	20	
% M8PFOS	98.4		91.5	94.0					40 - 130	20	
% M9PFNA	93.3		94.3	93.7					40 - 130	20	
% MPFBA	102.		102.	102.					5 - 130	20	
% MPFDOA	89.8		81.7	83.4					10 - 130	20	

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 807877 (mg/Kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460)

Chlorinated Herbicides - Soil

2,4,5-T	ND	0.13	67	66	1.5	38	35	8.2	40 - 140	30	
2,4,5-TP (Silvex)	ND	0.13	69	69	0.0	42	32	27.0	40 - 140	30	
2,4-D	ND	0.25	78	79	1.3	47	37	23.8	40 - 140	30	
2,4-DB	ND	2.5	74	86	15.0	39	29	29.4	40 - 140	30	m
Dalapon	ND	0.13	60	67	11.0	34	30	12.5	40 - 140	30	
Dicamba	ND	0.13	66	64	3.1	42	34	21.1	40 - 140	30	
Dichloroprop	ND	0.13	77	82	6.3	49	36	30.6	40 - 140	30	r
Dinoseb	ND	0.13	78	76	2.6	48	42	13.3	40 - 140	30	
% DCAA (Surrogate Rec)	74	%	90	84	6.9	52	36	36.4	30 - 150	30	r
% DCAA (Surrogate Rec) (Confirm	90	%	118	114	3.4	62	37	50.5	30 - 150	30	r

QA/QC Batch 807878 (mg/Kg), QC Sample No: CU42463 (CU42461, CU42462, CU42463, CU42464, CU42465)

Chlorinated Herbicides - Soil

2,4,5-T	ND	0.13	85	83	2.4	31	36	14.9	40 - 140	30	
2,4,5-TP (Silvex)	ND	0.13	94	92	2.2	40	45	11.8	40 - 140	30	
2,4-D	ND	0.25	81	80	1.2	32	37	14.5	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-DB	ND	2.5	80	76	5.1	26	32	20.7	40 - 140	30	m
Dalapon	ND	0.13	65	73	11.6	35	47	29.3	40 - 140	30	
Dicamba	ND	0.13	76	72	5.4	39	42	7.4	40 - 140	30	
Dichloroprop	ND	0.13	91	90	1.1	39	43	9.8	40 - 140	30	
Dinoseb	ND	0.13	88	87	1.1	40	44	9.5	40 - 140	30	
% DCAA (Surrogate Rec)	96	%	106	104	1.9	49	52	5.9	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	102	%	104	103	1.0	47	50	6.2	30 - 150	30	
QA/QC Batch 808540 (mg/Kg), QC Sample No: CU42463 (CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	78	84	7.4	71	64	10.4	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	73	88	18.6	73	63	14.7	40 - 140	30	
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	53	%	74	93	22.8	90	75	18.2	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	57	%	78	102	26.7	82	70	15.8	30 - 150	30	
% TCMX (Surrogate Rec)	61	%	81	96	16.9	85	75	12.5	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	51	%	71	90	23.6	79	69	13.5	30 - 150	30	
QA/QC Batch 808292 (mg/Kg), QC Sample No: CU49275 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	82	77	6.3	76	73	4.0	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	87	81	7.1	79	80	1.3	40 - 140	30	
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	79	%	99	93	6.3	89	89	0.0	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	81	%	94	88	6.6	86	85	1.2	30 - 150	30	
% TCMX (Surrogate Rec)	72	%	88	86	2.3	84	85	1.2	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	69	%	85	83	2.4	83	83	0.0	30 - 150	30	
QA/QC Batch 808542 (mg/Kg), QC Sample No: CU42463 (CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)											
Pesticides - Soil											
4,4' -DDD	ND	0.0017	67	69	2.9	66	62	6.3	40 - 140	30	
4,4' -DDE	ND	0.0017	67	68	1.5	64	61	4.8	40 - 140	30	
4,4' -DDT	ND	0.0017	70	71	1.4	52	52	0.0	40 - 140	30	
a-BHC	ND	0.001	63	64	1.6	49	48	2.1	40 - 140	30	
a-Chlordane	ND	0.0033	64	58	9.8	61	60	1.7	40 - 140	30	
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	0.001	64	64	0.0	59	57	3.4	40 - 140	30	
b-BHC	ND	0.001	80	78	2.5	75	71	5.5	40 - 140	30	
Chlordane	ND	0.033	70	55	24.0	65	65	0.0	40 - 140	30	
d-BHC	ND	0.0033	64	66	3.1	34	32	6.1	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dieldrin	ND	0.001	62	63	1.6	57	55	3.6	40 - 140	30
Endosulfan I	ND	0.0033	66	64	3.1	41	35	15.8	40 - 140	30
Endosulfan II	ND	0.0033	72	71	1.4	40	37	7.8	40 - 140	30
Endosulfan sulfate	ND	0.0033	71	71	0.0	45	43	4.5	40 - 140	30
Endrin	ND	0.0033	56	59	5.2	53	48	9.9	40 - 140	30
Endrin aldehyde	ND	0.0033	72	71	1.4	39	38	2.6	40 - 140	30
Endrin ketone	ND	0.0033	68	68	0.0	61	58	5.0	40 - 140	30
g-BHC	ND	0.001	74	74	0.0	58	56	3.5	40 - 140	30
g-Chlordane	ND	0.0033	70	55	24.0	65	65	0.0	40 - 140	30
Heptachlor	ND	0.0033	64	64	0.0	47	48	2.1	40 - 140	30
Heptachlor epoxide	ND	0.0033	66	66	0.0	63	60	4.9	40 - 140	30
Methoxychlor	ND	0.0033	69	68	1.5	56	53	5.5	40 - 140	30
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	63	%	60	59	1.7	61	60	1.7	30 - 150	30
% DCBP (Confirmation)	66	%	65	62	4.7	68	63	7.6	30 - 150	30
% TCMX	72	%	69	68	1.5	58	62	6.7	30 - 150	30
% TCMX (Confirmation)	70	%	66	67	1.5	58	62	6.7	30 - 150	30

QA/QC Batch 808293 (mg/Kg), QC Sample No: CU49275 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455)

Pesticides - Soil

4,4' -DDD	ND	0.0017	72	72	0.0	62	67	7.8	40 - 140	30
4,4' -DDE	ND	0.0017	71	72	1.4	62	66	6.3	40 - 140	30
4,4' -DDT	ND	0.0017	76	76	0.0	66	68	3.0	40 - 140	30
a-BHC	ND	0.001	67	68	1.5	60	73	19.5	40 - 140	30
a-Chlordane	ND	0.0033	66	66	0.0	61	66	7.9	40 - 140	30
Alachlor	ND	0.0033	NA	NA	NC	NA	NA	NC	40 - 140	30
Aldrin	ND	0.001	68	67	1.5	58	62	6.7	40 - 140	30
b-BHC	ND	0.001	85	87	2.3	75	79	5.2	40 - 140	30
Chlordane	ND	0.033	73	72	1.4	61	66	7.9	40 - 140	30
d-BHC	ND	0.0033	69	69	0.0	66	65	1.5	40 - 140	30
Dieldrin	ND	0.001	66	66	0.0	58	62	6.7	40 - 140	30
Endosulfan I	ND	0.0033	71	73	2.8	62	63	1.6	40 - 140	30
Endosulfan II	ND	0.0033	73	72	1.4	65	68	4.5	40 - 140	30
Endosulfan sulfate	ND	0.0033	75	77	2.6	68	72	5.7	40 - 140	30
Endrin	ND	0.0033	66	64	3.1	59	59	0.0	40 - 140	30
Endrin aldehyde	ND	0.0033	76	77	1.3	65	66	1.5	40 - 140	30
Endrin ketone	ND	0.0033	72	73	1.4	64	68	6.1	40 - 140	30
g-BHC	ND	0.001	78	80	2.5	68	72	5.7	40 - 140	30
g-Chlordane	ND	0.0033	73	72	1.4	61	66	7.9	40 - 140	30
Heptachlor	ND	0.0033	67	67	0.0	57	60	5.1	40 - 140	30
Heptachlor epoxide	ND	0.0033	70	70	0.0	62	65	4.7	40 - 140	30
Methoxychlor	ND	0.0033	73	76	4.0	65	66	1.5	40 - 140	30
Toxaphene	ND	0.13	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	66	%	65	67	3.0	57	59	3.4	30 - 150	30
% DCBP (Confirmation)	69	%	69	69	0.0	59	60	1.7	30 - 150	30
% TCMX	71	%	72	74	2.7	53	53	0.0	30 - 150	30
% TCMX (Confirmation)	66	%	68	72	5.7	53	51	3.8	30 - 150	30

QA/QC Batch 808289 (mg/Kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	52	55	5.6	56	51	9.3	30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	0.23	45	48	6.5	50	45	10.5	30 - 130	30
1,2,4-Trichlorobenzene	ND	0.23	49	52	5.9	55	49	11.5	30 - 130	30

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichlorobenzene	ND	0.18	48	52	8.0	53	49	7.8	30 - 130	30	
1,2-Diphenylhydrazine	ND	0.23	58	60	3.4	61	54	12.2	30 - 130	30	
1,3-Dichlorobenzene	ND	0.23	47	49	4.2	52	46	12.2	30 - 130	30	
1,4-Dichlorobenzene	ND	0.23	45	49	8.5	52	47	10.1	30 - 130	30	
2,2'-Oxybis(1-Chloropropane)	ND	0.23	48	49	2.1	53	48	9.9	30 - 130	30	
2,3,4,6-tetrachlorophenol	ND	0.23	59	60	1.7	57	48	17.1	30 - 130	30	
2,4,5-Trichlorophenol	ND	0.23	56	57	1.8	55	49	11.5	30 - 130	30	
2,4,6-Trichlorophenol	ND	0.13	65	66	1.5	62	57	8.4	30 - 130	30	
2,4-Dichlorophenol	ND	0.13	63	62	1.6	63	60	4.9	30 - 130	30	
2,4-Dimethylphenol	ND	0.23	67	67	0.0	48	46	4.3	30 - 130	30	
2,4-Dinitrophenol	ND	0.23	67	70	4.4	63	51	21.1	30 - 130	30	
2,4-Dinitrotoluene	ND	0.13	70	73	4.2	73	67	8.6	30 - 130	30	
2,6-Dinitrotoluene	ND	0.13	61	61	0.0	62	54	13.8	30 - 130	30	
2-Chloronaphthalene	ND	0.23	54	55	1.8	57	50	13.1	30 - 130	30	
2-Chlorophenol	ND	0.23	57	60	5.1	60	56	6.9	30 - 130	30	
2-Methylnaphthalene	ND	0.23	59	62	5.0	65	60	8.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	0.23	56	58	3.5	56	51	9.3	30 - 130	30	
2-Nitroaniline	ND	0.33	116	121	4.2	114	100	13.1	30 - 130	30	
2-Nitrophenol	ND	0.23	76	80	5.1	82	79	3.7	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	69	71	2.9	68	63	7.6	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	71	74	4.1	51	47	8.2	30 - 130	30	
3-Nitroaniline	ND	0.33	67	71	5.8	69	61	12.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	67	70	4.4	68	59	14.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	56	59	5.2	60	57	5.1	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	66	65	1.5	66	60	9.5	30 - 130	30	
4-Chloroaniline	ND	0.23	64	70	9.0	71	66	7.3	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	59	59	0.0	61	54	12.2	30 - 130	30	
4-Nitroaniline	ND	0.23	71	72	1.4	72	65	10.2	30 - 130	30	
4-Nitrophenol	ND	0.23	110	119	7.9	127	110	14.3	30 - 130	30	m
Acenaphthene	ND	0.23	57	58	1.7	60	52	14.3	30 - 130	30	
Acenaphthylene	ND	0.13	49	50	2.0	50	44	12.8	30 - 130	30	
Acetophenone	ND	0.23	60	61	1.7	64	59	8.1	30 - 130	30	
Aniline	ND	0.33	48	50	4.1	40	37	7.8	30 - 130	30	
Anthracene	ND	0.23	55	56	1.8	57	52	9.2	30 - 130	30	
Atrazine	ND	0.13	49	50	2.0	51	47	8.2	30 - 130	30	
Benzaldehyde	ND	0.23	94	102	8.2	112	107	4.6	30 - 130	30	
Benzidine	ND	0.33	14	59	123.3	<10	<10	NC	30 - 130	30	l,m,r
benzo(a)anthracene	ND	0.23	57	59	3.4	59	53	10.7	30 - 130	30	
Benzo(a)pyrene	ND	0.13	57	59	3.4	57	52	9.2	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	56	59	5.2	54	51	5.7	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	61	64	4.8	59	52	12.6	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	54	56	3.6	53	48	9.9	30 - 130	30	
Benzoic Acid	ND	0.67	81	77	5.1	53	46	14.1	30 - 130	30	
Benzyl Alcohol	ND	0.23	61	62	1.6	67	61	9.4	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	61	57	6.8	62	56	10.2	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	51	50	2.0	53	49	7.8	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	53	55	3.7	55	52	5.6	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	60	63	4.9	64	58	9.8	30 - 130	30	
Caprolactam	ND	0.23	53	53	0.0	54	52	3.8	30 - 130	30	
Carbazole	ND	0.23	54	56	3.6	55	50	9.5	30 - 130	30	
Chrysene	ND	0.23	54	55	1.8	56	50	11.3	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	64	67	4.6	62	54	13.8	30 - 130	30	
Dibenzofuran	ND	0.23	59	60	1.7	61	54	12.2	30 - 130	30	

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	0.23	65	65	0.0	67	59	12.7	30 - 130	30
Dimethylphthalate	ND	0.23	62	64	3.2	63	57	10.0	30 - 130	30
Di-n-butylphthalate	ND	0.67	58	62	6.7	64	57	11.6	30 - 130	30
Di-n-octylphthalate	ND	0.23	65	66	1.5	66	58	12.9	30 - 130	30
Fluoranthene	ND	0.23	52	55	5.6	58	51	12.8	30 - 130	30
Fluorene	ND	0.23	63	63	0.0	66	58	12.9	30 - 130	30
Hexachlorobenzene	ND	0.13	65	71	8.8	73	66	10.1	30 - 130	30
Hexachlorobutadiene	ND	0.23	51	52	1.9	56	51	9.3	30 - 130	30
Hexachlorocyclopentadiene	ND	0.23	48	49	2.1	51	47	8.2	30 - 130	30
Hexachloroethane	ND	0.13	52	54	3.8	58	54	7.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	0.23	71	71	0.0	66	57	14.6	30 - 130	30
Isophorone	ND	0.13	50	50	0.0	54	49	9.7	30 - 130	30
Naphthalene	ND	0.23	52	55	5.6	57	52	9.2	30 - 130	30
Nitrobenzene	ND	0.13	59	62	5.0	64	58	9.8	30 - 130	30
N-Nitrosodimethylamine	ND	0.23	32	33	3.1	35	32	9.0	30 - 130	30
N-Nitrosodi-n-propylamine	ND	0.13	60	64	6.5	66	62	6.3	30 - 130	30
N-Nitrosodiphenylamine	ND	0.13	53	55	3.7	52	45	14.4	30 - 130	30
Pentachlorophenol	ND	0.23	71	68	4.3	62	57	8.4	30 - 130	30
Phenanthrene	ND	0.13	55	57	3.6	58	53	9.0	30 - 130	30
Phenol	ND	0.23	65	66	1.5	66	61	7.9	30 - 130	30
Pyrene	ND	0.23	49	51	4.0	48	48	0.0	30 - 130	30
% 2,4,6-Tribromophenol	100	%	78	86	9.8	84	77	8.7	30 - 130	30
% 2-Fluorobiphenyl	62	%	53	55	3.7	58	52	10.9	30 - 130	30
% 2-Fluorophenol	51	%	46	48	4.3	49	45	8.5	30 - 130	30
% Nitrobenzene-d5	73	%	57	62	8.4	66	60	9.5	30 - 130	30
% Phenol-d5	58	%	54	57	5.4	59	54	8.8	30 - 130	30
% Terphenyl-d14	55	%	49	49	0.0	53	45	16.3	30 - 130	30

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 808391 (mg/Kg), QC Sample No: CU42463 (CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)

Semivolatiles - Soil

1,1-Biphenyl	ND	0.23	64	66	3.1	64	63	1.6	30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	0.23	51	50	2.0	54	51	5.7	30 - 130	30
1,2,4-Trichlorobenzene	ND	0.23	52	51	1.9	54	53	1.9	30 - 130	30
1,2-Dichlorobenzene	ND	0.18	60	58	3.4	60	61	1.7	30 - 130	30
1,2-Diphenylhydrazine	ND	0.23	72	73	1.4	72	71	1.4	30 - 130	30
1,3-Dichlorobenzene	ND	0.23	59	58	1.7	58	60	3.4	30 - 130	30
1,4-Dichlorobenzene	ND	0.23	56	55	1.8	56	57	1.8	30 - 130	30
2,2'-Oxybis(1-Chloropropane)	ND	0.23	60	59	1.7	60	60	0.0	30 - 130	30
2,3,4,6-tetrachlorophenol	ND	0.23	71	70	1.4	70	67	4.4	30 - 130	30
2,4,5-Trichlorophenol	ND	0.23	74	74	0.0	77	73	5.3	30 - 130	30
2,4,6-Trichlorophenol	ND	0.13	79	78	1.3	79	76	3.9	30 - 130	30
2,4-Dichlorophenol	ND	0.13	68	65	4.5	71	67	5.8	30 - 130	30
2,4-Dimethylphenol	ND	0.23	74	71	4.1	63	61	3.2	30 - 130	30
2,4-Dinitrophenol	ND	0.23	81	80	1.2	64	51	22.6	30 - 130	30
2,4-Dinitrotoluene	ND	0.13	80	80	0.0	84	78	7.4	30 - 130	30
2,6-Dinitrotoluene	ND	0.13	78	78	0.0	81	77	5.1	30 - 130	30
2-Chloronaphthalene	ND	0.23	68	69	1.5	68	67	1.5	30 - 130	30
2-Chlorophenol	ND	0.23	75	75	0.0	75	73	2.7	30 - 130	30
2-Methylnaphthalene	ND	0.23	64	65	1.6	67	65	3.0	30 - 130	30

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Methylphenol (o-cresol)	ND	0.23	72	71	1.4	68	67	1.5	30 - 130	30	
2-Nitroaniline	ND	0.33	93	95	2.1	90	86	4.5	30 - 130	30	
2-Nitrophenol	ND	0.23	54	54	0.0	59	61	3.3	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	0.23	87	86	1.2	84	83	1.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	0.13	94	99	5.2	78	77	1.3	30 - 130	30	
3-Nitroaniline	ND	0.33	88	87	1.1	86	82	4.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	0.23	80	79	1.3	75	65	14.3	30 - 130	30	
4-Bromophenyl phenyl ether	ND	0.23	67	69	2.9	70	66	5.9	30 - 130	30	
4-Chloro-3-methylphenol	ND	0.23	72	71	1.4	77	73	5.3	30 - 130	30	
4-Chloroaniline	ND	0.23	60	60	0.0	56	52	7.4	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	0.23	71	71	0.0	72	70	2.8	30 - 130	30	
4-Nitroaniline	ND	0.23	79	80	1.3	83	80	3.7	30 - 130	30	
4-Nitrophenol	ND	0.23	95	89	6.5	105	105	0.0	30 - 130	30	
Acenaphthene	ND	0.23	67	67	0.0	67	65	3.0	30 - 130	30	
Acenaphthylene	ND	0.13	64	64	0.0	64	64	0.0	30 - 130	30	
Acetophenone	ND	0.23	66	66	0.0	68	66	3.0	30 - 130	30	
Aniline	ND	0.33	69	69	0.0	58	59	1.7	30 - 130	30	
Anthracene	ND	0.23	70	73	4.2	72	70	2.8	30 - 130	30	
Atrazine	ND	0.13	64	65	1.6	66	65	1.5	30 - 130	30	
Benzaldehyde	ND	0.23	113	113	0.0	114	107	6.3	30 - 130	30	
Benzidine	ND	0.33	89	100	11.6	12	11	8.7	30 - 130	30	m
benzo(a)anthracene	ND	0.23	73	76	4.0	76	75	1.3	30 - 130	30	
Benzo(a)pyrene	ND	0.13	76	78	2.6	79	79	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	0.16	78	79	1.3	81	81	0.0	30 - 130	30	
Benzo(ghi)perylene	ND	0.23	78	81	3.8	80	79	1.3	30 - 130	30	
Benzo(k)fluoranthene	ND	0.23	76	78	2.6	75	75	0.0	30 - 130	30	
Benzoic Acid	ND	0.67	77	75	2.6	50	37	29.9	30 - 130	30	
Benzyl Alcohol	ND	0.23	69	68	1.5	72	70	2.8	30 - 130	30	
Benzyl butyl phthalate	ND	0.23	90	91	1.1	92	89	3.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	0.23	63	61	3.2	64	63	1.6	30 - 130	30	
Bis(2-chloroethyl)ether	ND	0.13	70	69	1.4	72	70	2.8	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	0.23	89	90	1.1	92	90	2.2	30 - 130	30	
Caprolactam	ND	0.23	63	63	0.0	66	62	6.3	30 - 130	30	
Carbazole	ND	0.23	73	77	5.3	73	72	1.4	30 - 130	30	
Chrysene	ND	0.23	74	76	2.7	76	75	1.3	30 - 130	30	
Dibenz(a,h)anthracene	ND	0.13	80	83	3.7	80	79	1.3	30 - 130	30	
Dibenzofuran	ND	0.23	69	70	1.4	69	68	1.5	30 - 130	30	
Diethyl phthalate	ND	0.23	77	77	0.0	78	76	2.6	30 - 130	30	
Dimethylphthalate	ND	0.23	74	74	0.0	73	71	2.8	30 - 130	30	
Di-n-butylphthalate	ND	0.67	83	87	4.7	82	82	0.0	30 - 130	30	
Di-n-octylphthalate	ND	0.23	86	90	4.5	93	92	1.1	30 - 130	30	
Fluoranthene	ND	0.23	76	77	1.3	80	79	1.3	30 - 130	30	
Fluorene	ND	0.23	72	73	1.4	72	71	1.4	30 - 130	30	
Hexachlorobenzene	ND	0.13	66	66	0.0	67	67	0.0	30 - 130	30	
Hexachlorobutadiene	ND	0.23	50	49	2.0	53	51	3.8	30 - 130	30	
Hexachlorocyclopentadiene	ND	0.23	45	42	6.9	42	39	7.4	30 - 130	30	
Hexachloroethane	ND	0.13	58	58	0.0	59	60	1.7	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	0.23	81	84	3.6	84	83	1.2	30 - 130	30	
Isophorone	ND	0.13	60	60	0.0	62	60	3.3	30 - 130	30	
Naphthalene	ND	0.23	56	56	0.0	56	55	1.8	30 - 130	30	
Nitrobenzene	ND	0.13	73	75	2.7	74	73	1.4	30 - 130	30	
N-Nitrosodimethylamine	ND	0.23	74	74	0.0	73	72	1.4	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	0.13	72	72	0.0	74	73	1.4	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
N-Nitrosodiphenylamine	ND	0.13	70	71	1.4	68	68	0.0	30 - 130	30	
Pentachlorophenol	ND	0.23	77	76	1.3	76	69	9.7	30 - 130	30	
Phenanthrene	ND	0.13	72	75	4.1	74	73	1.4	30 - 130	30	
Phenol	ND	0.23	82	92	11.5	90	87	3.4	30 - 130	30	
Pyrene	ND	0.23	74	75	1.3	79	79	0.0	30 - 130	30	
% 2,4,6-Tribromophenol	65	%	66	67	1.5	67	64	4.6	30 - 130	30	
% 2-Fluorobiphenyl	71	%	66	69	4.4	67	67	0.0	30 - 130	30	
% 2-Fluorophenol	76	%	73	72	1.4	71	70	1.4	30 - 130	30	
% Nitrobenzene-d5	71	%	68	70	2.9	69	69	0.0	30 - 130	30	
% Phenol-d5	72	%	74	74	0.0	73	73	0.0	30 - 130	30	
% Terphenyl-d14	75	%	72	74	2.7	73	72	1.4	30 - 130	30	

Comment:

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 807872 (mg/Kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	0.1	90	88	2.2	98	94	4.2	30 - 130	30	
% 2-Fluorobiphenyl	73	%	89	72	21.1	67	74	9.9	30 - 130	30	
% Nitrobenzene-d5	71	%	100	78	24.7	73	82	11.6	30 - 130	30	
% Terphenyl-d14	94	%	104	92	12.2	88	97	9.7	30 - 130	30	

QA/QC Batch 808030 (mg/Kg), QC Sample No: CU42463 (CU42457, CU42458, CU42459, CU42460, CU42461, CU42462, CU42463, CU42464, CU42465)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	0.067	44	47	6.6	44	37	17.3	30 - 130	30	
% 2-Fluorobiphenyl	34	%	59	55	7.0	55	56	1.8	30 - 130	30	
% Nitrobenzene-d5	31	%	60	68	12.5	58	62	6.7	30 - 130	30	
% Terphenyl-d14	38	%	71	64	10.4	78	71	9.4	30 - 130	30	

QA/QC Batch 807971 (mg/Kg), QC Sample No: CU42449 (CU42448, CU42449, CU42450, CU42451, CU42452, CU42453, CU42454, CU42455, CU42456, CU42457, CU42458, CU42459, CU42460, CU42461, CU42462)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	110	109	0.9	101	106	4.8	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	100	101	1.0	102	109	6.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	96	99	3.1	103	113	9.3	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	102	101	1.0	96	100	4.1	70 - 130	30	
1,1-Dichloroethane	ND	0.005	98	97	1.0	103	110	6.6	70 - 130	30	
1,1-Dichloroethene	ND	0.005	94	95	1.1	98	107	8.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	97	98	1.0	83	73	12.8	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	102	102	0.0	99	109	9.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	94	96	2.1	85	80	6.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	99	102	3.0	105	113	7.3	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	106	98	7.8	91	100	9.4	70 - 130	30	
1,2-Dibromoethane	ND	0.005	110	105	4.7	95	104	9.0	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	97	95	2.1	93	95	2.1	70 - 130	30	
1,2-Dichloroethane	ND	0.005	100	99	1.0	93	100	7.3	70 - 130	30	
1,2-Dichloropropane	ND	0.005	100	98	2.0	99	104	4.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	100	106	5.8	107	117	8.9	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	97	97	0.0	96	101	5.1	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	96	94	2.1	92	97	5.3	70 - 130	30	
1,4-dioxane	ND	0.1	105	100	4.9	136	136	0.0	70 - 130	30	m
2-Hexanone	ND	0.025	101	94	7.2	75	97	25.6	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	101	98	3.0	94	101	7.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acetone	ND	0.01	86	91	5.6	81	90	10.5	70 - 130	30	
Acrolein	ND	0.025	88	86	2.3	42	32	27.0	70 - 130	30	m
Acrylonitrile	ND	0.005	99	95	4.1	100	106	5.8	70 - 130	30	
Benzene	ND	0.001	100	100	0.0	99	106	6.8	70 - 130	30	
Bromochloromethane	ND	0.005	100	98	2.0	95	101	6.1	70 - 130	30	
Bromodichloromethane	ND	0.005	101	101	0.0	97	102	5.0	70 - 130	30	
Bromoform	ND	0.005	112	110	1.8	95	99	4.1	70 - 130	30	
Bromomethane	ND	0.005	93	96	3.2	105	110	4.7	70 - 130	30	
Carbon Disulfide	ND	0.005	98	99	1.0	105	113	7.3	70 - 130	30	
Carbon tetrachloride	ND	0.005	99	102	3.0	98	105	6.9	70 - 130	30	
Chlorobenzene	ND	0.005	99	100	1.0	96	100	4.1	70 - 130	30	
Chloroethane	ND	0.005	103	103	0.0	124	130	4.7	70 - 130	30	
Chloroform	ND	0.005	98	96	2.1	99	106	6.8	70 - 130	30	
Chloromethane	ND	0.005	104	104	0.0	117	124	5.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	100	100	0.0	104	108	3.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	107	105	1.9	100	105	4.9	70 - 130	30	
Cyclohexane	ND	0.005	96	98	2.1	108	115	6.3	70 - 130	30	
Dibromochloromethane	ND	0.003	108	104	3.8	94	101	7.2	70 - 130	30	
Dibromomethane	ND	0.005	101	100	1.0	93	99	6.3	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	121	123	1.6	135	144	6.5	70 - 130	30	m
Ethylbenzene	ND	0.001	101	100	1.0	100	107	6.8	70 - 130	30	
Hexachlorobutadiene	ND	0.005	93	94	1.1	89	94	5.5	70 - 130	30	
Isopropylbenzene	ND	0.001	100	95	5.1	101	112	10.3	70 - 130	30	
m&p-Xylene	ND	0.002	103	100	3.0	101	108	6.7	70 - 130	30	
Methyl ethyl ketone	ND	0.005	90	87	3.4	86	93	7.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	100	97	3.0	99	105	5.9	70 - 130	30	
Methylacetate	ND	0.005	91	87	4.5	102	105	2.9	70 - 130	30	
Methylcyclohexane	ND	0.005	94	98	4.2	105	115	9.1	70 - 130	30	
Methylene chloride	ND	0.005	89	88	1.1	92	95	3.2	70 - 130	30	
n-Butylbenzene	ND	0.001	96	101	5.1	109	119	8.8	70 - 130	30	
n-Propylbenzene	ND	0.001	98	92	6.3	98	110	11.5	70 - 130	30	
o-Xylene	ND	0.002	103	99	4.0	98	103	5.0	70 - 130	30	
p-Isopropyltoluene	ND	0.001	100	103	3.0	106	116	9.0	70 - 130	30	
sec-Butylbenzene	ND	0.001	97	93	4.2	101	112	10.3	70 - 130	30	
Styrene	ND	0.005	107	101	5.8	99	102	3.0	70 - 130	30	
tert-butyl alcohol	ND	0.1	106	94	12.0	122	123	0.8	70 - 130	30	
tert-Butylbenzene	ND	0.001	100	94	6.2	98	109	10.6	70 - 130	30	
Tetrachloroethene	ND	0.005	97	101	4.0	93	101	8.2	70 - 130	30	
Toluene	ND	0.001	98	100	2.0	97	102	5.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	94	95	1.1	97	103	6.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	110	107	2.8	100	106	5.8	70 - 130	30	
Trichloroethene	ND	0.005	101	102	1.0	93	99	6.3	70 - 130	30	
Trichlorofluoromethane	ND	0.005	100	103	3.0	117	127	8.2	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	101	103	2.0	108	116	7.1	70 - 130	30	
Vinyl chloride	ND	0.005	103	106	2.9	115	121	5.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	97	%	104	101	2.9	100	99	1.0	70 - 130	30	
% Dibromofluoromethane	97	%	99	100	1.0	96	98	2.1	70 - 130	30	
% Toluene-d8	100	%	99	100	1.0	101	101	0.0	70 - 130	30	

QA/QC Batch 807966 (mg/Kg), QC Sample No: CU42463 (CU42463, CU42464, CU42465, CU42466)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	121	119	1.7	120	121	0.8	70 - 130	30	

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1-Trichloroethane	ND	0.005	116	114	1.7	119	121	1.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	103	100	3.0	106	105	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	111	108	2.7	109	107	1.9	70 - 130	30	
1,1-Dichloroethane	ND	0.005	108	107	0.9	111	110	0.9	70 - 130	30	
1,1-Dichloroethene	ND	0.005	101	101	0.0	105	103	1.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	112	109	2.7	89	97	8.6	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	109	104	4.7	114	110	3.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	114	112	1.8	92	99	7.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	112	111	0.9	118	116	1.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	115	110	4.4	113	119	5.2	70 - 130	30	
1,2-Dibromoethane	ND	0.005	113	112	0.9	110	108	1.8	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	106	105	0.9	104	103	1.0	70 - 130	30	
1,2-Dichloroethane	ND	0.005	116	113	2.6	116	114	1.7	70 - 130	30	
1,2-Dichloropropane	ND	0.005	104	101	2.9	103	101	2.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	113	112	0.9	122	120	1.7	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	109	107	1.9	107	105	1.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	108	107	0.9	106	103	2.9	70 - 130	30	
1,4-dioxane	ND	0.1	110	109	0.9	199	157	23.6	70 - 130	30	m
2-Hexanone	ND	0.025	95	92	3.2	85	97	13.2	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	107	99	7.8	104	108	3.8	70 - 130	30	
Acetone	ND	0.01	103	101	2.0	89	101	12.6	70 - 130	30	
Acrolein	ND	0.025	92	88	4.4	32	82	87.7	70 - 130	30	m,r
Acrylonitrile	ND	0.005	107	102	4.8	105	113	7.3	70 - 130	30	
Benzene	ND	0.001	105	104	1.0	108	106	1.9	70 - 130	30	
Bromochloromethane	ND	0.005	107	106	0.9	105	104	1.0	70 - 130	30	
Bromodichloromethane	ND	0.005	116	113	2.6	114	113	0.9	70 - 130	30	
Bromoform	ND	0.005	124	121	2.4	116	116	0.0	70 - 130	30	
Bromomethane	ND	0.005	110	110	0.0	108	109	0.9	70 - 130	30	
Carbon Disulfide	ND	0.005	101	100	1.0	98	98	0.0	70 - 130	30	
Carbon tetrachloride	ND	0.005	112	111	0.9	112	116	3.5	70 - 130	30	
Chlorobenzene	ND	0.005	107	108	0.9	109	107	1.9	70 - 130	30	
Chloroethane	ND	0.005	109	106	2.8	110	107	2.8	70 - 130	30	
Chloroform	ND	0.005	108	108	0.0	111	111	0.0	70 - 130	30	
Chloromethane	ND	0.005	98	97	1.0	93	92	1.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	111	107	3.7	107	106	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	117	114	2.6	109	107	1.9	70 - 130	30	
Cyclohexane	ND	0.005	103	102	1.0	105	106	0.9	70 - 130	30	
Dibromochloromethane	ND	0.003	117	117	0.0	114	113	0.9	70 - 130	30	
Dibromomethane	ND	0.005	108	106	1.9	106	104	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	110	107	2.8	101	100	1.0	70 - 130	30	
Ethylbenzene	ND	0.001	109	108	0.9	114	112	1.8	70 - 130	30	
Hexachlorobutadiene	ND	0.005	117	116	0.9	113	124	9.3	70 - 130	30	
Isopropylbenzene	ND	0.001	108	108	0.0	119	116	2.6	70 - 130	30	
m&p-Xylene	ND	0.002	109	109	0.0	115	112	2.6	70 - 130	30	
Methyl ethyl ketone	ND	0.005	86	83	3.6	82	91	10.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	111	109	1.8	109	108	0.9	70 - 130	30	
Methylacetate	ND	0.005	101	97	4.0	109	117	7.1	70 - 130	30	
Methylcyclohexane	ND	0.005	105	105	0.0	113	114	0.9	70 - 130	30	
Methylene chloride	ND	0.005	94	97	3.1	94	92	2.2	70 - 130	30	
n-Butylbenzene	ND	0.001	110	110	0.0	116	116	0.0	70 - 130	30	
n-Propylbenzene	ND	0.001	107	106	0.9	116	114	1.7	70 - 130	30	
o-Xylene	ND	0.002	108	108	0.0	111	109	1.8	70 - 130	30	
p-Isopropyltoluene	ND	0.001	111	109	1.8	118	118	0.0	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
sec-Butylbenzene	ND	0.001	109	108	0.9	117	116	0.9	70 - 130	30	
Styrene	ND	0.005	112	111	0.9	109	109	0.0	70 - 130	30	
tert-butyl alcohol	ND	0.1	111	105	5.6	189	156	19.1	70 - 130	30	m
tert-Butylbenzene	ND	0.001	111	110	0.9	119	118	0.8	70 - 130	30	
Tetrachloroethene	ND	0.005	110	110	0.0	116	115	0.9	70 - 130	30	
Toluene	ND	0.001	107	105	1.9	109	106	2.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	101	102	1.0	103	101	2.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	124	121	2.4	114	110	3.6	70 - 130	30	
Trichloroethene	ND	0.005	111	109	1.8	114	113	0.9	70 - 130	30	
Trichlorofluoromethane	ND	0.005	115	114	0.9	118	118	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	116	114	1.7	124	123	0.8	70 - 130	30	
Vinyl chloride	ND	0.005	98	97	1.0	95	93	2.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	%	101	101	0.0	103	103	0.0	70 - 130	30	
% Bromofluorobenzene	101	%	104	104	0.0	103	103	0.0	70 - 130	30	
% Dibromofluoromethane	105	%	108	105	2.8	104	108	3.8	70 - 130	30	
% Toluene-d8	100	%	104	103	1.0	103	103	0.0	70 - 130	30	

QA/QC Batch 807966H (mg/Kg), QC Sample No: CU42463 50X (CU42451 (50X) , CU42452 (50X) , CU42455 (50X) , CU42456 (50X) , CU42458 (50X) , CU42459 (50X) , CU42461 (50X) , CU42468 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	0.25	115	114	0.9	87	108	21.5	70 - 130	30	
1,1,1-Trichloroethane	ND	0.25	113	109	3.6	88	109	21.3	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.25	96	97	1.0	79	94	17.3	70 - 130	30	
1,1,2-Trichloroethane	ND	0.25	105	105	0.0	83	101	19.6	70 - 130	30	
1,1-Dichloroethane	ND	0.25	104	103	1.0	85	104	20.1	70 - 130	30	
1,1-Dichloroethene	ND	0.25	79	77	2.6	61	79	25.7	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.25	113	111	1.8	88	107	19.5	70 - 130	30	
1,2,3-Trichloropropane	ND	0.25	98	99	1.0	81	97	18.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.25	119	115	3.4	91	112	20.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.25	110	107	2.8	88	106	18.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.25	99	99	0.0	75	94	22.5	70 - 130	30	
1,2-Dibromoethane	ND	0.25	106	107	0.9	84	104	21.3	70 - 130	30	
1,2-Dichlorobenzene	ND	0.25	106	104	1.9	85	101	17.2	70 - 130	30	
1,2-Dichloroethane	ND	0.25	110	109	0.9	88	106	18.6	70 - 130	30	
1,2-Dichloropropane	ND	0.25	101	100	1.0	80	97	19.2	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.25	111	107	3.7	90	107	17.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.25	109	105	3.7	86	104	18.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.25	108	106	1.9	86	104	18.9	70 - 130	30	
1,4-dioxane	ND	5	96	95	1.0	133	142	6.5	70 - 130	30	m
2-Hexanone	ND	1.3	84	90	6.9	72	90	22.2	70 - 130	30	
4-Methyl-2-pentanone	ND	1.3	91	96	5.3	78	94	18.6	70 - 130	30	
Acetone	ND	0.5	70	72	2.8	64	74	14.5	70 - 130	30	m
Acrolein	ND	1.3	73	76	4.0	62	75	19.0	70 - 130	30	m
Acrylonitrile	ND	0.25	95	96	1.0	81	97	18.0	70 - 130	30	
Benzene	ND	0.25	104	102	1.9	85	101	17.2	70 - 130	30	
Bromochloromethane	ND	0.25	103	101	2.0	81	100	21.0	70 - 130	30	
Bromodichloromethane	ND	0.25	111	107	3.7	82	102	21.7	70 - 130	30	
Bromoform	ND	0.25	110	112	1.8	79	102	25.4	70 - 130	30	
Bromomethane	ND	0.25	85	83	2.4	62	79	24.1	70 - 130	30	m
Carbon Disulfide	ND	0.25	75	76	1.3	56	72	25.0	70 - 130	30	m
Carbon tetrachloride	ND	0.25	108	102	5.7	77	97	23.0	70 - 130	30	
Chlorobenzene	ND	0.25	107	107	0.0	87	105	18.8	70 - 130	30	
Chloroethane	ND	0.25	59	57	3.4	46	56	19.6	70 - 130	30	l,m

QA/QC Data

SDG I.D.: GCU42448

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloroform	ND	0.25	107	104	2.8	84	103	20.3	70 - 130	30	
Chloromethane	ND	0.25	98	93	5.2	74	88	17.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.25	105	102	2.9	85	103	19.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.25	111	109	1.8	83	103	21.5	70 - 130	30	
Cyclohexane	ND	0.25	101	99	2.0	82	99	18.8	70 - 130	30	
Dibromochloromethane	ND	0.15	110	110	0.0	81	102	23.0	70 - 130	30	
Dibromomethane	ND	0.25	102	101	1.0	80	97	19.2	70 - 130	30	
Dichlorodifluoromethane	ND	0.25	105	101	3.9	77	92	17.8	70 - 130	30	
Ethylbenzene	ND	0.25	109	108	0.9	89	107	18.4	70 - 130	30	
Hexachlorobutadiene	ND	0.25	119	117	1.7	95	116	19.9	70 - 130	30	
Isopropylbenzene	ND	0.25	106	103	2.9	86	102	17.0	70 - 130	30	
m&p-Xylene	ND	0.25	111	109	1.8	90	109	19.1	70 - 130	30	
Methyl ethyl ketone	ND	0.25	72	74	2.7	65	79	19.4	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	0.25	104	104	0.0	82	100	19.8	70 - 130	30	
Methylacetate	ND	0.25	87	92	5.6	80	94	16.1	70 - 130	30	
Methylcyclohexane	ND	0.25	106	103	2.9	87	103	16.8	70 - 130	30	
Methylene chloride	ND	0.25	89	90	1.1	72	88	20.0	70 - 130	30	
n-Butylbenzene	ND	0.25	110	108	1.8	89	107	18.4	70 - 130	30	
n-Propylbenzene	ND	0.25	105	103	1.9	85	102	18.2	70 - 130	30	
o-Xylene	ND	0.25	108	108	0.0	87	106	19.7	70 - 130	30	
p-Isopropyltoluene	ND	0.25	110	106	3.7	87	105	18.8	70 - 130	30	
sec-Butylbenzene	ND	0.25	106	102	3.8	86	102	17.0	70 - 130	30	
Styrene	ND	0.25	112	112	0.0	90	110	20.0	70 - 130	30	
tert-butyl alcohol	ND	5	95	96	1.0	127	134	5.4	70 - 130	30	m
tert-Butylbenzene	ND	0.25	108	105	2.8	87	104	17.8	70 - 130	30	
Tetrachloroethene	ND	0.25	109	108	0.9	91	107	16.2	70 - 130	30	
Toluene	ND	0.25	105	103	1.9	85	103	19.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.25	99	97	2.0	79	96	19.4	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.25	116	115	0.9	86	109	23.6	70 - 130	30	
Trichloroethene	ND	0.25	109	106	2.8	88	106	18.6	70 - 130	30	
Trichlorofluoromethane	ND	0.25	41	39	5.0	31	38	20.3	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	0.25	95	95	0.0	74	92	21.7	70 - 130	30	
Vinyl chloride	ND	0.25	102	99	3.0	77	93	18.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	103	101	2.0	102	100	2.0	70 - 130	30	
% Bromofluorobenzene	103	%	105	107	1.9	105	106	0.9	70 - 130	30	
% Dibromofluoromethane	102	%	105	105	0.0	104	107	2.8	70 - 130	30	
% Toluene-d8	100	%	102	103	1.0	102	102	0.0	70 - 130	30	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
November 26, 2025

Wednesday, November 26, 2025

Criteria: NY: 375RS

State: NY

Sample Criteria Exceedances Report

GCU42448 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU42448	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	667	0.8	400	400	mg/Kg
CU42451	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	500	0.7	400	400	mg/Kg
CU42453	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	368	0.7	350	350	mg/Kg
CU42453	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1120	0.7	400	400	mg/Kg
CU42455	MN-SM	Manganese	NY / 375-6.8 Metals / Residential	2170	0.35	2000	2000	mg/Kg
CU42456	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	383	0.8	350	350	mg/Kg
CU42456	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1640	0.8	400	400	mg/Kg
CU42458	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	770	0.7	400	400	mg/Kg
CU42461	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1050	0.8	400	400	mg/Kg
CU42462	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1470	0.7	400	400	mg/Kg
CU42464	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	3.47	0.25	0.81	0.81	mg/Kg
CU42464	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	668	0.7	400	400	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

November 26, 2025

SDG I.D.: GCU42448

The samples in this delivery group were received at 2.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 2.8°C Coolant: IPK ICE Cooler: Yes No / No

NY/NJ/PA CHAIN OF CUSTODY RECORD

Pg 1 of 2

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone: O. 845-867-4724 C. 917-327-9711
Email(s): szabolcs_david@gbtpa.com

Customer: Gallagher Bassett Technical Services
Address: 22 IBM Road, Suite 101
Poughkeepsie New York 12601

Project: 22003-0092
Report to (name): Erick Salazar (erick_salazar@gbtpa.com)
Invoice to: Accounts Payable (gbts.payables@gbtpa.com)
QUOTE # : BCP RI Implementation *(Soil Investigation)

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Hannah Braun Date: 10/3/25

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **TB** = Trip Blank **FB** = Field Blank **EB** = Equipment Blank

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10	SVOCs +20	TAL Metals, Cr^{6+}, CN^-	PCBs, pesticides, herbicides	PFAS (Method 1633)	1,4-dioxane (8270 SIM)			GL Amber 8 oz. [ ] w/H_3PO_4 [1] $NAHSO_4$ [ ] NH4	Soil VOA Vials [1] methanol [2] H_2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [1] 250ml [2] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO_3 [ ] 250ml [ ] 1000ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
42448	2SB-15 surf	S	10/3/2025	9:50		x	x	x	x	x	x				x	x				x						
42449	2SB-15 0-5	S	10/3/2025	9:00	x	x	x	x	x	x	x				6	2				x						
42450	2SB-15 10-12	S	10/3/2025	9:00		x	x	x	x	x	x				x	x				x						
42451	2SB-16 surf	S	10/3/2025	10:05		x	x	x	x	x	x				x	x				x						
42452	2SB-16 10-12	S	10/3/2025	10:15		x	x	x	x	x	x				x	x				x						
42453	2SB-17 surf	S	10/3/2025	10:55		x	x	x	x	x	x				x	x				x						
42454	2SB-17 0-5	S	10/3/2025	11:05		x	x	x	x	x	x				x	x				x						
42456	2SB-17 10-12	S	10/3/2025	11:20		x	x	x	x	x	x				x	x				x						
42457	2SB-18 surf	S	10/3/2025	9:55		x	x	x	x	x	x				x	x				x						
42458	2SB-18 10-15	S	10/3/2025	9:40		x	x	x	x	x	x				x	x				x						
42458	2SB-19 surf	S	10/3/2025	13:40		x	x	x	x	x	x				x	x				x						

Relinquished by:	Accepted by:		Time:
GBTS		10/6/25	12:30
		10/6/25	10:24

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ 4 Days*
- ☐ 5 Days*
- ☑ Standard

* SURCHARGE

NJ
- ☐ SRS Res. Criteria
- ☐ SRS Non-Res. Criteria
- ☐ SRS Migration to GW
- ☐ Impact to GW Soil Cleanup Criteria
- ☐ Impact to GW soil screen Criteria GW Criteria

NY
- ☐ TOGS GW
- ☐ CP-51 SOIL
- ☐ 375SCO Unrestricted Soil
- ☐ 375SCO Residential Soil
- ☑ 375SCO Residential
- ☐ 375SCO Commercial Soil
- ☐ 375SCO Industrial Soil
- ☐ Subpart 5 DW

PA
- ☐ Clean Fill Limits
- ☐ PA-GW
- ☐ Reg Fill Limits
- ☐ Other:_____

Comments, Special Requirements or Regulations:
~~Tentatives~~ VOA kits frozen w/in 48 hours

Data Format:
- ☑ Phoenix Std Report
- ☑ Excel
- ☑ PDF
- ☐ GIS/Key
- ☑ NYSDEC EQuIS
- ☐ NJ Hazsite EDD
- ☐ NY EZ EDD (ASP)
- ☐ Other

Data Package:
- ☐ NJ Reduced Deliv. *
- ☑ NY Enhanced (ASP B) *
- ☐ Other

State Samples Collected? NY

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Temp 2.8°C Coolant: IPK ☐ ICE ☐ Cooler: Yes ☒ No ☐ No ☐

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.
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Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone: O. 845-867-4724 C. 917-327-9711
Email(s): szabolcs_david@gbtpa.com

Customer: Gallagher Bassett Technical Services
Address: 22 IBM Road, Suite 101
Poughkeepsie New York 12601

Project: 22003-0092
Report to (name): Erick Salazar (erick_salazar@gbtpa.com)
Invoice to: Accounts Payable (gbts.payables@gbtpa.com)
QUOTE # : BCP RI Implementation *(Soil Investigation)

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Hannah Brauch Date: 10/3/25

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **TB** = Trip Blank **FB** = Field Blank **EB** = Equipment Blank

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10	SVOCs +20	TAL Metals, Cr^{6+}, CN^-	PCBs, pesticides, herbicides	PFAS (Method 1633)	1,4-dioxane (8270 SIM)	GL Amber 8 oz. [ ] w/H_3PO_4 [1] $NAHSO_4$ [ ] NH_4	Soil VOA Vials [1] methanol [2] H_2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [1] 250ml [2] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO_3 [ ] 250ml [ ] 1000ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
42459	2SB-19 0-5	S	10/3/2025	11:55		x	x	x	x	x	x				x	x				x					
42460	2SB-19 10-13	S	10/3/2025	12:00		x	x	x	x	x	x				x	x				x					
42461	2SB-20 surf	S	10/3/2025	13:50		x	x	x	x	x	x				x	x				x					
42462	2SB-20 0-5	S	10/3/2025	13:45		x	x	x	x	x	x				x	x				x					
42463	2SB-20 5-8	S	10/3/2025	13:50	x	x	x	x	x	x	x				6	2				x					
42464	DUP-20251003	S	10/3/2025			x	x	x	x	x	x				x	x				x					
42465	DUP2-20251003	S	10/3/2025			x	x	x	x	x	x				x	x				x					
42466	TB-20251002	TB	10/3/2025			x									x										
42467	FB-20251002 LL	FB	10/3/2025	7:50						x										x					
43030*	ER ~~EB-20251002~~	~~EB~~	~~10/3/2025~~	~~8:07~~						x	x				x					x					
42468	TB HL																								

Relinquished by:	Accepted by:	Date:	Time:
GBTS		10/6/25	12:30
		10/6/25	16:24

Comments, Special Requirements or Regulations:
VOA kits frozen w/in 48 hours
*only PFAS
*Rec labeled as "FB20251003" (TB)

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Data Format:
☑ Phoenix Std Report ☑ NYSDEC EQuIS
☑ Excel ☐ NJ Hazsite EDD
☑ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☑ Standard
* SURCHARGE

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☑ NY Enhanced (ASP B) *

NJ
☐ SRS Res. Criteria
☐ SRS Non-Res. Criteria
☐ SRS Migration to GW
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☑ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ Other:

State Samples Collected? NY

Helen G

From: Erick Salazar <erick_salazar@gbtpa.com>
Sent: Thursday, October 9, 2025 10:19 AM
To: Helen G
Cc: Hannah Brown (Poughkeepsie); Elizabeth Rigby
Subject: RE: GCU42448 Field Identification Question -

Helen,

Thanks for reaching out – the correct sample ID would be FB-20251003. This will also be the case for the TB-20251002 sample – that sample ID should be TB-20251003.

Best regards,
Erick Salazar, CHMM | Senior Project Manager | Gallagher Basset Technical Services
22 IBM Road, Suite 101, Poughkeepsie, NY 12601
Direct: 845-867-4716 | **Office:** 845-452-1658
E: erick_salazar@gbtpa.com
Alternate Point of Contact: Richard Hooker at richard_hooker@gbtpa.com



From: Helen G <Heleng@phoenixlabs.com>
Sent: Wednesday, October 8, 2025 7:55 PM
To: Erick Salazar <erick_salazar@gbtpa.com>
Subject: GCU42448 Field Identification Question -
Importance: High

Good evening,

Could you please confirm the identification for the FB sample submitted n the attached COC. We have FB-20251002 listed on the COC collected on 10/3 but the sample label is “FB=20251003”. Could you please confirm which ID is correct.

Thank-you,
Helen

Helen Geoghegan
Client Services - Project Manager
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040

Ph: 860-645-1102
Please note I am working remotely. If you need to contact me, please contact the lab at (860) 645-1102.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

PHOENIX
Environmental Laboratories, Inc.

Friday, December 05, 2025

Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Project ID: 22003-0092
SDG ID: GCU69454
Sample ID#s: CU69454 - CU69469

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Gallagher Basset Technical Services

Project: 22003-0092

Laboratory Project: GCU69454

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 05, 2025 **SDG I.D.: GCU69454**

Gallagher Basset Technical Services 22003-0092

Methodology Summary

1,4 Dioxane in Water

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8270-MOD (SIM)

EPA method 522 Ver 1 Sept 2008

Massachusetts Compendium of Analytical Procecures (CAM) Method 8270 Appendix IIB

Chlorinated Herbicides:

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8151A.

General Chemistry

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III

ICP-MS

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update V, Method 6020B.
Environmental Protection Agency, EPA-600/4-79-020, method 200.8

Mercury

Methods for Chemical Analyses of Water and Wastes, EPA, Environmental Monitoring Systems Laboratory Cincinnati (EMSL-CL), EPA-600/4-79-020, method 245.1
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7470A.

Metals

ICP :
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010D.
Mercury:
USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471B

PAH by 8270 SIM

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E (SIM).

Pesticides:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8081B.

Polychlorinated Biphenyls (PCBs):

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 8082A.

Semivolatile Organic Compounds

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update VI, June 2018, Method 8270E.

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260D and Environmental Protection Agency, EPA-600/4-79-020, Revised March 1983 (Methods 624) as printed in 40CFR part 136.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 05, 2025 **SDG I.D.: GCU69454**

Gallagher Basset Technical Services 22003-0092

Laboratory Chronicle

The samples in this delivery group were received at 1.1°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CU69454	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69454	Aluminum	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69454	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69454	Arsenic	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Beryllium	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Calcium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Calcium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69454	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Copper	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Lead	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Magnesium	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Manganese	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Manganese, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69454	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 05, 2025 **SDG I.D.: GCU69454**

Gallagher Basset Technical Services 22003-0092

CU69454	Nickel	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69454	PFAS (40) by EPA 1633A	11/06/25	11/12/25	11/12/25	*	Y
CU69454	PFOA/PFOS - Water Extraction	11/06/25	11/12/25	11/12/25		Y
CU69454	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69454	Potassium	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Potassium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69454	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69454	Silver	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Sodium (Dissolved)	11/06/25	11/07/25	11/14/25	JM	Y
CU69454	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69454	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69454	Total Cyanide	11/06/25	11/12/25	11/12/25	J/I/G	Y
CU69454	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69454	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69454	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69454	Zinc	11/06/25	11/10/25	11/12/25	JM	Y
CU69454	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69455	Aluminum	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69455	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69455	Arsenic	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Beryllium	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Calcium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Calcium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 05, 2025 **SDG I.D.: GCU69454**

Gallagher Basset Technical Services 22003-0092

CU69455	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69455	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Copper	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Lead	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Magnesium	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Manganese	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Manganese, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69455	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y
CU69455	Nickel	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69455	PFAS (40) by EPA 1633A	11/06/25	11/12/25	11/12/25		Y
CU69455	PFAS (40) by EPA1633 (Re-extractio	11/06/25	11/20/25	11/20/25		Y
CU69455	PFOA/PFOS - Water Extraction	11/06/25	11/12/25	11/12/25		Y
CU69455	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69455	Potassium	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Potassium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69455	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69455	Silver	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69455	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Sodium (Dissolved)	11/06/25	11/07/25	11/14/25	JM	Y
CU69455	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69455	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69455	Total Cyanide	11/06/25	11/12/25	11/12/25	J/I/G	Y
CU69455	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69455	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y

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CU69455	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69455	Zinc	11/06/25	11/10/25	11/12/25	JM	Y
CU69455	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69456	Aluminum	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69456	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69456	Arsenic	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Beryllium	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Calcium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Calcium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69456	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Copper	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Lead	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Magnesium	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Manganese	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Manganese, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69456	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y
CU69456	Nickel	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y

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CU69456	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69456	PFAS (40) by EPA 1633A	11/06/25	11/12/25	11/12/25		Y
CU69456	PFOA/PFOS - Water Extraction	11/06/25	11/12/25	11/12/25		Y
CU69456	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69456	Potassium	11/06/25	11/10/25	11/14/25	JM	Y
CU69456	Potassium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69456	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69456	Silver	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Sodium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69456	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69456	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69456	Total Cyanide	11/06/25	11/12/25	11/12/25	J/I/G	Y
CU69456	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69456	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69456	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69456	Zinc	11/06/25	11/10/25	11/12/25	JM	Y
CU69456	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69457	Aluminum	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69457	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69457	Arsenic	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Beryllium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Calcium	11/06/25	11/10/25	11/12/25	JM	Y
CU69457	Calcium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69457	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69457	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y

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CU69457	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Client MS/MSD	11/06/25	11/14/25	11/14/25		Y
CU69457	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Copper	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Lead	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Magnesium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Manganese	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Manganese, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69457	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y
CU69457	Nickel	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69457	PFAS (40) by EPA 1633A	11/06/25	11/12/25	11/12/25		Y
CU69457	PFOA/PFOS - Water Extraction	11/06/25	11/12/25	11/12/25		Y
CU69457	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69457	Potassium	11/06/25	11/10/25	11/12/25	JM	Y
CU69457	Potassium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69457	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69457	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69457	Silver	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69457	Sodium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69457	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69457	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69457	Total Cyanide	11/06/25	11/12/25	11/12/25	J/I/G	Y
CU69457	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69457	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69457	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69457	Zinc	11/06/25	11/10/25	11/11/25	CPP	Y

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CU69457	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69458	Aluminum	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69458	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69458	Arsenic	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69458	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Beryllium	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69458	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Calcium	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Calcium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69458	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69458	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y
CU69458	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Copper	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69458	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Lead	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Magnesium	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Manganese	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Manganese, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69458	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y
CU69458	Nickel	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69458	PFAS (40) by EPA 1633A	11/06/25	11/12/25	11/12/25		Y

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CU69458	PFOA/PFOS - Water Extraction	11/06/25	11/12/25	11/12/25		Y
CU69458	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69458	Potassium	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Potassium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69458	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69458	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69458	Silver	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Sodium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69458	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69458	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69458	Total Cyanide	11/06/25	11/12/25	11/12/25	J/I/G	Y
CU69458	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69458	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69458	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69458	Zinc	11/06/25	11/10/25	11/12/25	JM	Y
CU69458	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69459	Aluminum	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69459	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69459	Arsenic	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Beryllium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Calcium	11/06/25	11/10/25	11/12/25	JM	Y
CU69459	Calcium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69459	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69459	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y

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CU69459	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Copper	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Lead	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Magnesium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Manganese	11/06/25	11/10/25	11/12/25	JM	Y
CU69459	Manganese, (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69459	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69459	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y
CU69459	Nickel	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69459	PFAS (40) by EPA 1633A	11/06/25	11/12/25	11/12/25		Y
CU69459	PFOA/PFOS - Water Extraction	11/06/25	11/12/25	11/12/25		Y
CU69459	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69459	Potassium	11/06/25	11/10/25	11/12/25	JM	Y
CU69459	Potassium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69459	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69459	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69459	Silver	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69459	Sodium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69459	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69459	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69459	Total Cyanide	11/06/25	11/13/25	11/13/25	J/I/G	Y
CU69459	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69459	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69459	Zinc	11/06/25	11/10/25	11/11/25	CPP	Y
CU69459	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69460	Aluminum	11/06/25	11/10/25	11/11/25	CPP	Y

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NY Analytical Services Protocol Format

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Gallagher Basset Technical Services 22003-0092

CU69460	Aluminum (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Antimony	11/06/25	11/11/25	11/14/25	MGH	Y
CU69460	Antimony (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69460	Arsenic	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Arsenic, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Barium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Barium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Beryllium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Beryllium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Cadmium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Cadmium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Calcium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Calcium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Chlorinated Herbicides	11/06/25	11/10/25	11/13/25	PS	Y
CU69460	Chromium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Chromium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Cobalt	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Cobalt, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Copper	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Copper, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Iron	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Iron, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Lead	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Lead (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Magnesium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Magnesium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Manganese	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Manganese, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Mercury	11/06/25	11/10/25	11/10/25	AJ1	Y
CU69460	Mercury (Dissolved)	11/06/25	11/07/25	11/12/25	AJ1	Y
CU69460	Nickel	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Nickel, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Pesticides	11/06/25	11/12/25	11/13/25	AW	Y
CU69460	PFAS (40) by EPA 1633A	11/06/25	11/19/25	11/19/25		Y
CU69460	PFOA/PFOS - Water Extraction	11/06/25	11/18/25	11/18/25		Y
CU69460	Polychlorinated Biphenyls	11/06/25	11/12/25	11/13/25	SC	Y
CU69460	Potassium	11/06/25	11/10/25	11/11/25	CPP	Y

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CU69460	Potassium (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Selenium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69460	Selenium (Dissolved)-LDL	11/06/25	11/07/25	11/13/25	MGH	Y
CU69460	Silver	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Silver (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Sodium	11/06/25	11/10/25	11/12/25	JM	Y
CU69460	Sodium (Dissolved)	11/06/25	11/07/25	11/13/25	JM	Y
CU69460	Thallium	11/06/25	11/11/25	11/14/25	MGH	Y
CU69460	Thallium (Dissolved)	11/06/25	11/07/25	11/13/25	MGH	Y
CU69460	Total Cyanide	11/06/25	11/13/25	11/13/25	J/I/G	Y
CU69460	Vanadium	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Vanadium, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69460	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69460	Zinc	11/06/25	11/10/25	11/11/25	CPP	Y
CU69460	Zinc, (Dissolved)	11/06/25	11/07/25	11/11/25	TH	Y
CU69461	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69461	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69462	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69462	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69463	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69463	Volatiles	11/06/25	11/10/25	11/10/25	MH	Y
CU69464	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69464	Volatiles	11/06/25	11/10/25	11/10/25	MH	Y
CU69465	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69465	Volatiles	11/06/25	11/10/25	11/10/25	MH	Y
CU69466	1,4-dioxane	11/06/25	11/10/25	11/10/25	MH	Y
CU69466	Volatiles	11/06/25	11/10/25	11/10/25	PS	Y
CU69467	PFAS (40) by EPA 1633A	11/06/25	11/16/25	11/16/25		Y
CU69467	PFOA/PFOS - Water Extraction	11/06/25	11/13/25	11/13/25		Y
CU69468	PFAS (40) by EPA 1633A	11/06/25	11/16/25	11/16/25		Y
CU69468	PFOA/PFOS - Water Extraction	11/06/25	11/13/25	11/13/25		Y
CU69469	1,4-dioxane	11/06/25	11/14/25	11/16/25	AW	Y

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NY # 11301

SDG Comments

December 05, 2025

SDG I.D.: GCU69454

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.
The regulatory hold time for Filtration is 24 hours. Filtration was performed in the laboratory and may be considered outside of hold-time.

Version 1: Analysis results minus raw data.

Version 2: Herbicide section has been revised and the report has been revised to include the complete target compound list.

Version 3:
Complete report with raw data.

Environmental Laboratories, Inc.
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NY # 11301

Sample Id Cross Reference

December 05, 2025

SDG I.D.: GCU69454

Project ID: 22003-0092

Client Id	Lab Id	Matrix	Col Date
MW-01-20251106	CU69454	GROUND WATER	11/06/25 10:45
MW-02-20251106	CU69455	GROUND WATER	11/06/25 14:35
MW-03-20251106	CU69456	GROUND WATER	11/06/25 15:00
MW-04-20251106	CU69457	GROUND WATER	11/06/25 10:45
MW-05-20251106	CU69458	GROUND WATER	11/06/25 11:06
MW-06-20251106	CU69459	GROUND WATER	11/06/25 15:35
DUP-20251106	CU69460	GROUND WATER	11/06/25 0:00
TB-20251106A	CU69461	WATER	11/06/25 0:00
TB-20251106B	CU69462	WATER	11/06/25 0:00
TB-20251106C	CU69463	WATER	11/06/25 0:00
TB-20251106D	CU69464	WATER	11/06/25 0:00
TB-20251106E	CU69465	WATER	11/06/25 0:00
TB-20251106F	CU69466	WATER	11/06/25 7:49
FB-20251106	CU69467	FIELD BLANK	11/06/25 11:38
EB-20251106A	CU69468	WATER	11/06/25 11:43
EB-20251106B	CU69469	WATER	11/06/25 11:43

Environmental Laboratories, Inc.
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Tel. (860) 645-1102

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Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	10:45
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69454

Project ID: 22003-0092
Client ID: MW-01-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/12/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/18/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/12/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	ND	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.025	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D	

Project ID: 22003-0092 Phoenix I.D.: CU69454
Client ID: MW-01-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	94.0	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	ND	0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	30.4	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	0.024	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	4.2	0.1	0.01	mg/L	1	11/11/25	TH	SW6010D
selenium	ND	J 0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	87.3	1.1	0.11	mg/L	10	11/14/25	JM	SW6010D
thallium	ND	0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	ND	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.004	J 0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D

Metals, Total

aluminum	1.23	0.020	0.01	mg/L	1	11/12/25	JM	SW6010D
antimony	ND	0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND	0.004	0.004	mg/L	1	11/12/25	JM	SW6010D
barium	0.034	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	94.0	0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
chromium	0.002	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	0.001	J 0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	0.005	J 0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
iron	2.29	0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
magnesium	30.8	0.010	0.01	mg/L	1	11/12/25	JM	SW6010D
manganese	0.140	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	0.001	J 0.004	0.001	mg/L	1	11/12/25	JM	SW6010D
potassium	4.9	0.1	0.01	mg/L	1	11/12/25	JM	SW6010D
selenium	ND	J 0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
sodium	90.2	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
thallium	ND	0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	0.002	J 0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.011	0.010	0.0011	mg/L	1	11/12/25	JM	SW6010D

Chlorinated Herbicides, Water

2,4,5-T	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND	0.49	0.49	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND	4.9	4.9	ug/L	1	11/11/25	PS	SW8151A
Dalapon	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A

Project ID: 22003-0092
Client ID: MW-01-20251106

Phoenix I.D.: CU69454

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dicamba	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.49	0.49	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.49	0.49	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	128			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	141			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	72			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	63			%	1	11/13/25	SC	30 - 150 %	
% TCMX	62			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	59			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.074	0.074	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.049	0.049	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.098	0.098	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	56			%	1	11/13/25	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	51			%	1	11/13/25	AW	30 - 150 %	

Ver 3

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%TCMX (Surrogate Rec)	46			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	58			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	115			%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	76			%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	110			%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	107			%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water									
1,1-Biphenyl	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	4.9	1.8	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
2-Nitroaniline	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	4.9	2.3	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.4	2.3	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.4	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.4	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.4	2.9	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	24	9.7	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	4.9	4.9	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.4	2.4	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	4.9	3.7	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Nitrobenzene	ND	0.39	0.39	ug/L	1	11/16/25	PS	SW8270E (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND	0.97	0.97	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND	4.9	1.7	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates									
% 1,4-dioxane-d8	101			%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	81			%	1	11/16/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	61			%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	67			%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	50			%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorophenol	41			%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorophenol	44			%	1	11/17/25	PS	15 - 110 %	
% Nitrobenzene-d5	54			%	1	11/17/25	PS	30 - 130 %	
% Nitrobenzene-d5	76			%	1	11/16/25	PS	30 - 130 %	
% Phenol-d5	46			%	1	11/16/25	PS	15 - 110 %	
% Phenol-d5	49			%	1	11/17/25	PS	15 - 110 %	
% Terphenyl-d14	65			%	1	11/16/25	PS	30 - 130 %	
% Terphenyl-d14	88			%	1	11/17/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	8.33	1.31	ng/L	1	11/12/25	*	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	8.33	1.20	ng/L	1	11/12/25	*	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	8.33	2.23	ng/L	1	11/12/25	*	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	8.33	2.27	ng/L	1	11/12/25	*	EPA 1633A	C
3:3FTCA	ND	10.4	2.68	ng/L	1	11/12/25	*	EPA 1633A	C
5:3FTCA	ND	52.0	10.5	ng/L	1	11/12/25	*	EPA 1633A	C
7:3FTCA	ND	52.0	11.4	ng/L	1	11/12/25	*	EPA 1633A	C
9Cl-PF3ONS	ND	8.33	1.56	ng/L	1	11/12/25	*	EPA 1633A	C
ADONA	ND	8.33	3.09	ng/L	1	11/12/25	*	EPA 1633A	C
HFPO-DA	ND	8.33	4.11	ng/L	1	11/12/25	*	EPA 1633A	C
NEtFOSA	ND	2.08	0.187	ng/L	1	11/12/25	*	EPA 1633A	C
NEtFOSAA	ND	2.08	0.770	ng/L	1	11/12/25	*	EPA 1633A	C
NEtFOSE	ND	20.8	5.34	ng/L	1	11/12/25	*	EPA 1633A	C
NFDHA	ND	4.16	1.56	ng/L	1	11/12/25	*	EPA 1633A	C
NMeFOSA	ND	2.08	0.239	ng/L	1	11/12/25	*	EPA 1633A	C
NMeFOSAA	ND	2.08	0.812	ng/L	1	11/12/25	*	EPA 1633A	C
NMeFOSE	ND	20.8	6.18	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.08	0.437	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.08	0.406	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.08	0.739	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	2.73	2.08	0.760	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	2.08	0.749	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	2.08	0.510	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	2.08	0.416	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	38.4	2.08	0.552	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	4.17	2.08	0.125	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	41.5	2.08	0.656	ng/L	1	11/12/25	*	EPA 1633A	C

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Phoenix I.D.: CU69454

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-n-butanoic acid (PFBA)	28.9		8.33	2.61	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		2.08	0.572	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorononanoic acid (PFNA)	1.81	J	2.08	0.239	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.18	J	2.08	0.552	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	106		2.08	0.146	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	1.04	J	2.08	0.645	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	100		4.16	1.23	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		2.08	0.385	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		2.08	0.593	ng/L	1	11/12/25	*	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		2.08	0.468	ng/L	1	11/12/25	*	EPA 1633A	C
PFEESA	ND		4.16	1.40	ng/L	1	11/12/25	*	EPA 1633A	C
PFMBA	ND		4.16	1.25	ng/L	1	11/12/25	*	EPA 1633A	C
PFMPA	ND		4.16	1.33	ng/L	1	11/12/25	*	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	72.0				%	1	11/12/25	*	EPA 1633A	C
% M2-6:2FTS	93.5				%	1	11/12/25	*	EPA 1633A	C
% M2-8:2FTS	81.4				%	1	11/12/25	*	EPA 1633A	C
% M2PFTeDA	84.8				%	1	11/12/25	*	EPA 1633A	C
% M3PFBS	94.1				%	1	11/12/25	*	EPA 1633A	C
% M3PFHxS	91.2				%	1	11/12/25	*	EPA 1633A	C
% M4PFHpA	87.5				%	1	11/12/25	*	EPA 1633A	C
% M5PFHxA	82.5				%	1	11/12/25	*	EPA 1633A	C
% M5PFPeA	102.				%	1	11/12/25	*	EPA 1633A	C
% M6PFDA	90.1				%	1	11/12/25	*	EPA 1633A	C
% M7PFUdA	92.2				%	1	11/12/25	*	EPA 1633A	C
% M8FOSA	77.8				%	1	11/12/25	*	EPA 1633A	C
% M8PFOA	93.7				%	1	11/12/25	*	EPA 1633A	C
% M8PFOS	77.5				%	1	11/12/25	*	EPA 1633A	C
% M9PFNA	96.7				%	1	11/12/25	*	EPA 1633A	C
% MPFBA	96.2				%	1	11/12/25	*	EPA 1633A	C
% MPFDoA	80.6				%	1	11/12/25	*	EPA 1633A	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates										
% d5-N-EtFOSAA	62.0				%	1	11/12/25	*	EPA 1633A	C
% d7-N-MeFOSE	69.6				%	1	11/12/25	*	EPA 1633A	C
% d9-N-EtFOSE	67.8				%	1	11/12/25	*	EPA 1633A	C
% d-N-EtFOSA	44.0				%	1	11/12/25	*	EPA 1633A	C
% d-N-MeFOSA	45.1				%	1	11/12/25	*	EPA 1633A	C
% M2-4:2 FTS	102.				%	1	11/12/25	*	EPA 1633A	C
% M3HFPO-DA	94.9				%	1	11/12/25	*	EPA 1633A	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	14:35
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69455

Project ID: 22003-0092
Client ID: MW-02-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/12/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/18/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/12/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	ND	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.076	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D	

Project ID: 22003-0092 Phoenix I.D.: CU69455
Client ID: MW-02-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	107	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	ND	0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	40.3	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	0.112	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	2.9	0.1	0.01	mg/L	1	11/11/25	TH	SW6010D
selenium	ND	J 0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	169	1.1	0.11	mg/L	10	11/14/25	JM	SW6010D
thallium	ND	0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	ND	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.004	J 0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D

Metals, Total

aluminum	ND	0.020	0.01	mg/L	1	11/12/25	JM	SW6010D
antimony	ND	0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND	0.004	0.004	mg/L	1	11/12/25	JM	SW6010D
barium	0.079	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	104	0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
magnesium	40.8	0.010	0.01	mg/L	1	11/12/25	JM	SW6010D
manganese	0.109	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/12/25	JM	SW6010D
potassium	3.3	0.1	0.01	mg/L	1	11/12/25	JM	SW6010D
selenium	ND	J 0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
sodium	174	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
thallium	ND	0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	ND	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.002	J 0.010	0.0011	mg/L	1	11/12/25	JM	SW6010D

Chlorinated Herbicides, Water

2,4,5-T	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND	0.48	0.48	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND	4.8	4.8	ug/L	1	11/11/25	PS	SW8151A
Dalapon	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A

Project ID: 22003-0092
Client ID: MW-02-20251106

Phoenix I.D.: CU69455

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dicamba	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.48	0.48	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.48	0.48	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	122			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	136			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	69			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	60			%	1	11/13/25	SC	30 - 150 %	
% TCMX	50			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	48			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.072	0.072	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.048	0.048	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.096	0.096	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.19	0.19	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	58			%	1	11/13/25	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	50			%	1	11/13/25	AW	30 - 150 %	

Ver 3

Project ID: 22003-0092
Client ID: MW-02-20251106

Phoenix I.D.: CU69455

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%TCMX (Surrogate Rec)	41			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	50			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	113			%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	79			%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	117			%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	106			%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water									
1,1-Biphenyl	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	4.8	1.4	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND	4.8	1.3	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	4.8	1.8	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	4.8	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	4.8	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND	4.8	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND	4.8	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
2-Nitroaniline	ND	4.8	1.9	ug/L	1	11/17/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	4.8	2.3	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	4.8	1.9	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	4.8	1.4	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.4	2.2	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	4.8	1.5	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	4.8	1.5	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.4	1.4	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.4	1.4	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.3	2.8	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	24	9.6	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	4.8	4.8	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	4.8	1.2	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	4.8	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.4	2.4	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	4.8	3.6	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	4.8	1.4	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	4.8	1.5	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	4.8	1.5	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	4.8	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	4.8	1.2	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	4.8	1.3	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	4.8	1.4	ug/L	1	11/17/25	PS	SW8270E
Nitrobenzene	ND	0.38	0.38	ug/L	1	11/16/25	PS	SW8270E (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND	4.8	1.6	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	4.8	1.8	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND	0.48	0.48	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND	0.96	0.96	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND	4.8	1.7	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates									
% 1,4-dioxane-d8	96			%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	92			%	1	11/16/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	73			%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	48			%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	67			%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorophenol	40			%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorophenol	43			%	1	11/17/25	PS	15 - 110 %	
% Nitrobenzene-d5	80			%	1	11/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	55			%	1	11/17/25	PS	30 - 130 %	
% Phenol-d5	51			%	1	11/16/25	PS	15 - 110 %	
% Phenol-d5	53			%	1	11/17/25	PS	15 - 110 %	
% Terphenyl-d14	64			%	1	11/16/25	PS	30 - 130 %	
% Terphenyl-d14	91			%	1	11/17/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	8.34	1.31	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	8.34	1.20	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	8.34	2.23	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	8.34	2.27	ng/L	1	11/12/25		EPA 1633A	C
3:3FTCA	ND	10.4	2.69	ng/L	1	11/12/25		EPA 1633A	C
5:3FTCA	ND	52.1	10.5	ng/L	1	11/12/25		EPA 1633A	C
7:3FTCA	ND	52.1	11.5	ng/L	1	11/12/25		EPA 1633A	C
9Cl-PF3ONS	ND	8.34	1.56	ng/L	1	11/12/25		EPA 1633A	C
ADONA	ND	8.34	3.10	ng/L	1	11/12/25		EPA 1633A	C
HFPO-DA	ND	8.34	4.12	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSA	ND	2.08	0.188	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSAA	ND	2.08	0.772	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSE	ND	20.8	5.35	ng/L	1	11/12/25		EPA 1633A	C
NFDHA	ND	4.17	1.56	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSA	ND	2.08	0.240	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSAA	ND	2.08	0.813	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSE	ND	20.8	6.19	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.08	0.438	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.08	0.407	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.08	0.740	ng/L	1	11/12/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	3.31	2.08	0.761	ng/L	1	11/12/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	2.08	0.751	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	2.08	0.511	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	2.08	0.417	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	48.6	2.08	0.553	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	3.42	2.08	0.125	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	75.2	2.08	0.657	ng/L	1	11/12/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-n-butanoic acid (PFBA)	23.1		8.34	2.62	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		2.08	0.574	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		2.08	0.240	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	2.83		2.08	0.553	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	70.5		2.08	0.146	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	1.14	J	2.08	0.647	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	85.7		4.17	1.23	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		2.08	0.386	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		2.08	0.594	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		2.08	0.469	ng/L	1	11/12/25		EPA 1633A	C
PFEESA	ND		4.17	1.41	ng/L	1	11/12/25		EPA 1633A	C
PFMBA	ND		4.17	1.25	ng/L	1	11/12/25		EPA 1633A	C
PFMPA	ND		4.17	1.33	ng/L	1	11/12/25		EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	48.5				%	1	11/12/25		40 - 170 %	C
% M2-6:2FTS	52.1				%	1	11/12/25		40 - 200 %	C
% M2-8:2FTS	44.2				%	1	11/12/25		40 - 300 %	C
% M2PFTeDA	51.1				%	1	11/12/25		10 - 130 %	C
% M3PFBS	53.8				%	1	11/12/25		40 - 135 %	C
% M3PFHxS	40.9				%	1	11/12/25		40 - 130 %	C
% M4PFHpA	50.7				%	1	11/12/25		40 - 130 %	C
% M5PFHxA	48.9				%	1	11/12/25		40 - 130 %	C
% M5PFPeA	64.2				%	1	11/12/25		40 - 130 %	C
% M6PFDA	51.4				%	1	11/12/25		40 - 130 %	C
% M7PFUdA	55.6				%	1	11/12/25		30 - 130 %	C
% M8FOSA	43.0				%	1	11/12/25		40 - 130 %	C
% M8PFOA	52.3				%	1	11/12/25		40 - 130 %	C
% M8PFOS	38.1				%	1	11/12/25		40 - 130 %	C,3
% M9PFNA	49.7				%	1	11/12/25		40 - 130 %	C
% MPFBA	96.1				%	1	11/12/25		5 - 130 %	C
% MPFDoA	49.9				%	1	11/12/25		10 - 130 %	C
PFAS (40) by EPA 1633, Water										
QA/QC Surrogates										
% d5-N-EtFOSAA	41.0				%	1	11/12/25		25 - 135 %	C
% d7-N-MeFOSE	42.7				%	1	11/12/25		10 - 130 %	C
% d9-N-EtFOSE	41.3				%	1	11/12/25		10 - 130 %	C
% d-N-EtFOSA	18.1				%	1	11/12/25		10 - 130 %	C
% d-N-MeFOSA	18.9				%	1	11/12/25		10 - 130 %	C
% M2-4:2 FTS	60.2				%	1	11/12/25		40 - 200 %	C
% M3HFPO-DA	57.7				%	1	11/12/25		40 - 130 %	C
PFAS (40) by EPA 1633, Water (RE)										
11Cl-PF3OUdS	ND		8.09	1.27	ng/L	1	11/20/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		8.09	1.16	ng/L	1	11/20/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		8.09	2.16	ng/L	1	11/20/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		8.09	2.20	ng/L	1	11/20/25		EPA 1633A	C
3:3FTCA	ND		10.1	2.61	ng/L	1	11/20/25		EPA 1633A	C
5:3FTCA	ND		50.5	10.2	ng/L	1	11/20/25		EPA 1633A	C
7:3FTCA	ND		50.5	11.1	ng/L	1	11/20/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
9Cl-PF3ONS	ND		8.09	1.52	ng/L	1	11/20/25		EPA 1633A	C
ADONA	ND		8.09	3.00	ng/L	1	11/20/25		EPA 1633A	C
HFPO-DA	ND		8.09	3.99	ng/L	1	11/20/25		EPA 1633A	C
NEtFOSA	ND		2.02	0.182	ng/L	1	11/20/25		EPA 1633A	C
NEtFOSAA	ND		2.02	0.748	ng/L	1	11/20/25		EPA 1633A	C
NEtFOSE	ND		20.2	5.18	ng/L	1	11/20/25		EPA 1633A	C
NFDHA	ND		4.04	1.52	ng/L	1	11/20/25		EPA 1633A	C
NMeFOSA	ND		2.02	0.232	ng/L	1	11/20/25		EPA 1633A	C
NMeFOSAA	ND		2.02	0.788	ng/L	1	11/20/25		EPA 1633A	C
NMeFOSE	ND		20.2	6.00	ng/L	1	11/20/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		2.02	0.424	ng/L	1	11/20/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		2.02	0.394	ng/L	1	11/20/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		2.02	0.718	ng/L	1	11/20/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	2.25		2.02	0.738	ng/L	1	11/20/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		2.02	0.728	ng/L	1	11/20/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		2.02	0.495	ng/L	1	11/20/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		2.02	0.404	ng/L	1	11/20/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	35.9		2.02	0.536	ng/L	1	11/20/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	2.52		2.02	0.121	ng/L	1	11/20/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	53.6		2.02	0.637	ng/L	1	11/20/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	16.8		8.09	2.54	ng/L	1	11/20/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		2.02	0.556	ng/L	1	11/20/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		2.02	0.232	ng/L	1	11/20/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	2.39		2.02	0.536	ng/L	1	11/20/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	55.5		2.02	0.142	ng/L	1	11/20/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	0.810	J	2.02	0.627	ng/L	1	11/20/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	61.4		4.04	1.19	ng/L	1	11/20/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		2.02	0.374	ng/L	1	11/20/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		2.02	0.576	ng/L	1	11/20/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		2.02	0.455	ng/L	1	11/20/25		EPA 1633A	C
PFEESA	ND		4.04	1.36	ng/L	1	11/20/25		EPA 1633A	C
PFMBA	ND		4.04	1.21	ng/L	1	11/20/25		EPA 1633A	C
PFMPA	ND		4.04	1.29	ng/L	1	11/20/25		EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	83.5				%	1	11/20/25		EPA 1633A	C
% M2-6:2FTS	95.0				%	1	11/20/25		EPA 1633A	C
% M2-8:2FTS	87.6				%	1	11/20/25		EPA 1633A	C
% M2PFTeDA	69.7				%	1	11/20/25		EPA 1633A	C
% M3PFBS	111.				%	1	11/20/25		EPA 1633A	C
% M3PFHxS	100.				%	1	11/20/25		EPA 1633A	C
% M4PFHpA	99.1				%	1	11/20/25		EPA 1633A	C
% M5PFHxA	102.				%	1	11/20/25		EPA 1633A	C
% M5PFPeA	109.				%	1	11/20/25		EPA 1633A	C
% M6PFDA	94.4				%	1	11/20/25		EPA 1633A	C
% M7PFUdA	98.7				%	1	11/20/25		EPA 1633A	C
% M8FOSA	79.8				%	1	11/20/25		EPA 1633A	C
% M8PFOA	100.				%	1	11/20/25		EPA 1633A	C
% M8PFOS	90.0				%	1	11/20/25		EPA 1633A	C
% M9PFNA	100.				%	1	11/20/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: MW-02-20251106

Phoenix I.D.: CU69455

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% MPFBA	97.4			%	1	11/20/25		EPA 1633A	C
% MPFDoA	85.8			%	1	11/20/25		EPA 1633A	C

PFAS (40) by EPA 1633, Water (RE)

QA/QC Surrogates

% d5-N-EtFOSAA	42.8			%	1	11/20/25		EPA 1633A	C
% d7-N-MeFOSE	74.8			%	1	11/20/25		EPA 1633A	C
% d9-N-EtFOSE	68.1			%	1	11/20/25		EPA 1633A	C
% d-N-EtFOSA	42.0			%	1	11/20/25		EPA 1633A	C
% d-N-MeFOSA	42.2			%	1	11/20/25		EPA 1633A	C
% M2-4:2 FTS	103.			%	1	11/20/25		EPA 1633A	C
% M3HFPO-DA	104.			%	1	11/20/25		EPA 1633A	C

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

PFAS Comment:
Low recovery outside criteria is reported for the extracted internal standard (EIS) M-PFOS-13C8..Sample was re-extracted within hold time, the results of which are included in this report. See attached.

PFAS (40) by EPA 1633A (EPA 1633A), PFAS (40) by EPA1633 (Re-extraction) (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	15:00
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69456

Project ID: 22003-0092
Client ID: MW-03-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/12/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/18/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/12/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	0.004	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.178	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D	

Project ID: 22003-0092 Phoenix I.D.: CU69456
Client ID: MW-03-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	126	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	0.002 J	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	ND	0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	42.8	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	0.472	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	0.005	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	4.3	0.1	0.01	mg/L	1	11/11/25	TH	SW6010D
selenium	ND	0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	523	11	1.1	mg/L	100	11/13/25	JM	SW6010D
thallium	ND	0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	ND	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.005 J	0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D

Metals, Total

aluminum	0.087	0.020	0.01	mg/L	1	11/12/25	JM	SW6010D
antimony	ND	0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND	0.004	0.004	mg/L	1	11/12/25	JM	SW6010D
barium	0.200	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	126	0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	0.002 J	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
iron	0.15	0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
magnesium	42.3	0.010	0.01	mg/L	1	11/12/25	JM	SW6010D
manganese	0.468	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	0.005	0.004	0.001	mg/L	1	11/12/25	JM	SW6010D
potassium	4.8	1.0	0.10	mg/L	10	11/14/25	JM	SW6010D
selenium	ND	0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
sodium	494	10	1.0	mg/L	100	11/12/25	JM	SW6010D
thallium	ND	0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	ND	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.004 J	0.010	0.0011	mg/L	1	11/12/25	JM	SW6010D

Chlorinated Herbicides, Water

2,4,5-T	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND	0.49	0.49	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND	4.9	4.9	ug/L	1	11/11/25	PS	SW8151A
Dalapon	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A

Project ID: 22003-0092
Client ID: MW-03-20251106

Phoenix I.D.: CU69456

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dicamba	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.49	0.49	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.49	0.49	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	125			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	139			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	61			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	52			%	1	11/13/25	SC	30 - 150 %	
% TCMX	44			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	41			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.071	0.071	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.047	0.047	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.094	0.094	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.19	0.19	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	56			%	1	11/13/25	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	52			%	1	11/13/25	AW	30 - 150 %	

Ver 3

Project ID: 22003-0092
Client ID: MW-03-20251106

Phoenix I.D.: CU69456

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%TCMX (Surrogate Rec)	47			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	46			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	114			%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	78			%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	123			%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	107			%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water									
1,1-Biphenyl	ND	3.5	3.5	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	5.0	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/17/25	PS	SW8270E	

Project ID: 22003-0092
Client ID: MW-03-20251106

Phoenix I.D.: CU69456

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.5	3.5	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.5	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.5	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.5	2.9	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	25	10	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	5.0	5.0	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.5	2.5	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	5.0	3.8	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	5.0	1.7	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E
Nitrobenzene	ND	0.40	0.40	ug/L	1	11/16/25	PS	SW8270E (SIM)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND		0.10	0.10	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND		5.0	1.6	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		5.0	1.9	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND		0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND		0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND		1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND		5.0	1.7	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates										
% 1,4-dioxane-d8	97				%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	70				%	1	11/17/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	82				%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	50				%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	67				%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorophenol	46				%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorophenol	43				%	1	11/16/25	PS	15 - 110 %	
% Nitrobenzene-d5	77				%	1	11/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	58				%	1	11/17/25	PS	30 - 130 %	
% Phenol-d5	47				%	1	11/16/25	PS	15 - 110 %	
% Phenol-d5	53				%	1	11/17/25	PS	15 - 110 %	
% Terphenyl-d14	58				%	1	11/16/25	PS	30 - 130 %	
% Terphenyl-d14	84				%	1	11/17/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Water										
11Cl-PF3OUdS	ND		7.85	1.24	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		7.85	1.13	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		7.85	2.10	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		7.85	2.14	ng/L	1	11/12/25		EPA 1633A	C
3:3FTCA	ND		9.81	2.53	ng/L	1	11/12/25		EPA 1633A	C
5:3FTCA	ND		49.1	9.91	ng/L	1	11/12/25		EPA 1633A	C
7:3FTCA	ND		49.1	10.8	ng/L	1	11/12/25		EPA 1633A	C
9Cl-PF3ONS	ND		7.85	1.47	ng/L	1	11/12/25		EPA 1633A	C
ADONA	ND		7.85	2.91	ng/L	1	11/12/25		EPA 1633A	C
HFPO-DA	ND		7.85	3.88	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSA	0.564	J	1.96	0.177	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSAA	ND		1.96	0.726	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSE	ND		19.6	5.03	ng/L	1	11/12/25		EPA 1633A	C
NFDHA	ND		3.92	1.47	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSA	0.426	J	1.96	0.226	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSAA	ND		1.96	0.765	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSE	ND		19.6	5.83	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		1.96	0.412	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		1.96	0.383	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		1.96	0.697	ng/L	1	11/12/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	4.88		1.96	0.716	ng/L	1	11/12/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		1.96	0.706	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		1.96	0.481	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		1.96	0.392	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	0.617	J	1.96	0.520	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	1.88	J	1.96	0.118	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	1.06	J	1.96	0.618	ng/L	1	11/12/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: MW-03-20251106

Phoenix I.D.: CU69456

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-n-butanoic acid (PFBA)	9.69		7.85	2.46	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		1.96	0.540	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		1.96	0.226	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	2.17		1.96	0.520	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	5.26		1.96	0.137	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		1.96	0.608	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	1.72	J	3.92	1.16	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		1.96	0.363	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		1.96	0.559	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		1.96	0.442	ng/L	1	11/12/25		EPA 1633A	C
PFEESA	ND		3.92	1.32	ng/L	1	11/12/25		EPA 1633A	C
PFMBA	ND		3.92	1.18	ng/L	1	11/12/25		EPA 1633A	C
PFMPA	ND		3.92	1.26	ng/L	1	11/12/25		EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	56.8				%	1	11/12/25		40 - 170 %	C
% M2-6:2FTS	72.4				%	1	11/12/25		40 - 200 %	C
% M2-8:2FTS	62.3				%	1	11/12/25		40 - 300 %	C
% M2PFTeDA	47.2				%	1	11/12/25		10 - 130 %	C
% M3PFBS	74.5				%	1	11/12/25		40 - 135 %	C
% M3PFHxS	71.4				%	1	11/12/25		40 - 130 %	C
% M4PFHpA	65.3				%	1	11/12/25		40 - 130 %	C
% M5PFHxA	62.2				%	1	11/12/25		40 - 130 %	C
% M5PFPeA	79.8				%	1	11/12/25		40 - 130 %	C
% M6PFDA	62.0				%	1	11/12/25		40 - 130 %	C
% M7PFUdA	56.1				%	1	11/12/25		30 - 130 %	C
% M8FOSA	61.5				%	1	11/12/25		40 - 130 %	C
% M8PFOA	73.0				%	1	11/12/25		40 - 130 %	C
% M8PFOS	68.9				%	1	11/12/25		40 - 130 %	C
% M9PFNA	69.7				%	1	11/12/25		40 - 130 %	C
% MPFBA	95.2				%	1	11/12/25		5 - 130 %	C
% MPFDoA	46.9				%	1	11/12/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates										
% d5-N-EtFOSAA	48.4				%	1	11/12/25		25 - 135 %	C
% d7-N-MeFOSE	46.3				%	1	11/12/25		10 - 130 %	C
% d9-N-EtFOSE	46.3				%	1	11/12/25		10 - 130 %	C
% d-N-EtFOSA	29.3				%	1	11/12/25		10 - 130 %	C
% d-N-MeFOSA	33.2				%	1	11/12/25		10 - 130 %	C
% M2-4:2 FTS	116.				%	1	11/12/25		40 - 200 %	C
% M3HFPO-DA	66.6				%	1	11/12/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	10:45
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69457

Project ID: 22003-0092
Client ID: MW-04-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					11/14/25			
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/12/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/17/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/12/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	0.004	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.145	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
beryllium	ND		0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cadmium	ND		0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	240		0.11	0.11	mg/L	10	11/13/25	JM	SW6010D
chromium	ND		0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	0.001	J	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	0.004	J	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND		0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	ND		0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	59.1		0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	1.82		0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
mercury	ND		0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	0.003	J	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	5.4		1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
selenium	ND		0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND		0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	184		1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
thallium	ND		0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	ND		0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.007	J	0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D

Metals, Total

aluminum	ND		0.020	0.01	mg/L	1	11/11/25	CPP	SW6010D
antimony	ND	J	0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND		0.004	0.004	mg/L	1	11/11/25	CPP	SW6010D
barium	0.153		0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND		0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cadmium	ND		0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	240		0.10	0.10	mg/L	10	11/12/25	JM	SW6010D
chromium	ND		0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	0.001	J	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	0.005		0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
iron	0.03		0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	0.001		0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
magnesium	58.8		0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
manganese	1.89		0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
mercury	ND		0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	0.002	J	0.004	0.001	mg/L	1	11/11/25	CPP	SW6010D
potassium	6.8		1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
selenium	ND		0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND		0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
sodium	191		1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
thallium	ND		0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	ND		0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.004	J	0.010	0.0011	mg/L	1	11/11/25	CPP	SW6010D

Chlorinated Herbicides, Water

2,4,5-T	ND		0.25	0.25	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND		0.25	0.25	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND		0.50	0.50	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND		5.0	5.0	ug/L	1	11/11/25	PS	SW8151A

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dalapon	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A	
Dicamba	ND	0.25	0.25	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.50	0.50	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.50	0.50	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	128			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	145			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	66			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	58			%	1	11/13/25	SC	30 - 150 %	
% TCMX	60			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	57			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	53			%	1	11/13/25	AW	30 - 150 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%DCBP (Surrogate Rec) (Confirmation)	52			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec)	40			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	51			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	5.0	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D	
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	113			%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	81			%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	113			%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	106			%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water									
1,1-Biphenyl	ND	3.5	3.5	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	3.5	3.5	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	5.0	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitroaniline	ND	5.0	2.0	ug/L	1	11/17/25	PS	SW8270E
2-Nitrophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	5.0	2.0	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.5	2.3	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	5.0	1.7	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.5	3.5	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.5	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.5	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.5	2.9	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	25	10	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	5.0	5.0	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.5	2.5	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	5.0	3.8	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	5.0	1.5	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	5.0	1.6	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	5.0	1.7	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	1.0	1.0	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	5.0	1.4	ug/L	1	11/17/25	PS	SW8270E

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Nitrobenzene	ND		0.40	0.40	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodimethylamine	ND		0.10	0.10	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND		5.0	1.6	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND		5.0	1.9	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND		0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND		0.50	0.50	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND		1.0	1.0	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND		5.0	1.7	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates										
% 1,4-dioxane-d8	93				%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	68				%	1	11/17/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	58				%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	67				%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	51				%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorophenol	44				%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorophenol	37				%	1	11/16/25	PS	15 - 110 %	
% Nitrobenzene-d5	54				%	1	11/17/25	PS	30 - 130 %	
% Nitrobenzene-d5	50				%	1	11/16/25	PS	30 - 130 %	
% Phenol-d5	51				%	1	11/17/25	PS	15 - 110 %	
% Phenol-d5	43				%	1	11/16/25	PS	15 - 110 %	
% Terphenyl-d14	89				%	1	11/17/25	PS	30 - 130 %	
% Terphenyl-d14	60				%	1	11/16/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Water										
11Cl-PF3OUdS	ND		7.73	1.22	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		7.73	1.11	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		7.73	2.07	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		7.73	2.11	ng/L	1	11/12/25		EPA 1633A	C
3:3FTCA	ND		9.66	2.49	ng/L	1	11/12/25		EPA 1633A	C
5:3FTCA	ND		48.3	9.76	ng/L	1	11/12/25		EPA 1633A	C
7:3FTCA	ND		48.3	10.6	ng/L	1	11/12/25		EPA 1633A	C
9Cl-PF3ONS	ND		7.73	1.45	ng/L	1	11/12/25		EPA 1633A	C
ADONA	ND		7.73	2.87	ng/L	1	11/12/25		EPA 1633A	C
HFPO-DA	ND		7.73	3.82	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSA	ND		1.93	0.174	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSAA	ND		1.93	0.715	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSE	ND		19.3	4.96	ng/L	1	11/12/25		EPA 1633A	C
NFDHA	ND		3.86	1.45	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSA	ND		1.93	0.222	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSAA	ND		1.93	0.754	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSE	ND		19.3	5.74	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		1.93	0.406	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		1.93	0.377	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		1.93	0.686	ng/L	1	11/12/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	1.63	J	1.93	0.705	ng/L	1	11/12/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		1.93	0.696	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		1.93	0.473	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		1.93	0.386	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		1.93	0.512	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	0.534	J	1.93	0.116	ng/L	1	11/12/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanoic acid (PFHxA)	ND		1.93	0.609	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	3.82	J	7.73	2.42	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		1.93	0.531	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		1.93	0.222	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.830	J	1.93	0.512	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND		1.93	0.135	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		1.93	0.599	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		3.86	1.14	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		1.93	0.357	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		1.93	0.551	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		1.93	0.435	ng/L	1	11/12/25		EPA 1633A	C
PFEESA	ND		3.86	1.30	ng/L	1	11/12/25		EPA 1633A	C
PFMBA	ND		3.86	1.16	ng/L	1	11/12/25		EPA 1633A	C
PFMPA	ND		3.86	1.24	ng/L	1	11/12/25		EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	51.1				%	1	11/12/25		40 - 170 %	C
% M2-6:2FTS	73.7				%	1	11/12/25		40 - 200 %	C
% M2-8:2FTS	56.7				%	1	11/12/25		40 - 300 %	C
% M2PFTeDA	36.3				%	1	11/12/25		10 - 130 %	C
% M3PFBS	78.4				%	1	11/12/25		40 - 135 %	C
% M3PFHxS	71.9				%	1	11/12/25		40 - 130 %	C
% M4PFHpA	69.0				%	1	11/12/25		40 - 130 %	C
% M5PFHxA	65.4				%	1	11/12/25		40 - 130 %	C
% M5PFPeA	83.2				%	1	11/12/25		40 - 130 %	C
% M6PFDA	56.7				%	1	11/12/25		40 - 130 %	C
% M7PFUdA	49.7				%	1	11/12/25		30 - 130 %	C
% M8FOSA	58.9				%	1	11/12/25		40 - 130 %	C
% M8PFOA	75.5				%	1	11/12/25		40 - 130 %	C
% M8PFOS	57.3				%	1	11/12/25		40 - 130 %	C
% M9PFNA	67.9				%	1	11/12/25		40 - 130 %	C
% MPFBA	95.4				%	1	11/12/25		5 - 130 %	C
% MPFDoA	40.1				%	1	11/12/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates										
% d5-N-EtFOSAA	37.7				%	1	11/12/25		25 - 135 %	C
% d7-N-MeFOSE	42.9				%	1	11/12/25		10 - 130 %	C
% d9-N-EtFOSE	39.9				%	1	11/12/25		10 - 130 %	C
% d-N-EtFOSA	23.4				%	1	11/12/25		10 - 130 %	C
% d-N-MeFOSA	25.3				%	1	11/12/25		10 - 130 %	C
% M2-4:2 FTS	85.3				%	1	11/12/25		40 - 200 %	C
% M3HFPO-DA	71.5				%	1	11/12/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	11:06
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69458

Project ID: 22003-0092
Client ID: MW-05-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/12/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/18/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/12/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	ND	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.302	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D	

Project ID: 22003-0092
Client ID: MW-05-20251106

Phoenix I.D.: CU69458

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	156	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	ND	0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	41.5	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	0.726	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	10.7	1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
selenium	ND	J 0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	92.2	1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
thallium	ND	0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	ND	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.004	J 0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D

Metals, Total

aluminum	0.172	0.020	0.01	mg/L	1	11/12/25	JM	SW6010D
antimony	ND	J 0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND	0.004	0.004	mg/L	1	11/12/25	JM	SW6010D
barium	0.305	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	160	0.10	0.10	mg/L	10	11/12/25	JM	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	0.002	J 0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
iron	0.21	0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	ND	0.001	0.001	mg/L	1	11/12/25	JM	SW6010D
magnesium	43.0	0.010	0.01	mg/L	1	11/12/25	JM	SW6010D
manganese	0.754	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/12/25	JM	SW6010D
potassium	11.9	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
selenium	ND	J 0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/12/25	JM	SW6010D
sodium	106	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
thallium	ND	0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	ND	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.003	J 0.010	0.0011	mg/L	1	11/12/25	JM	SW6010D

Chlorinated Herbicides, Water

2,4,5-T	ND	0.23	0.23	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND	0.23	0.23	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND	4.7	4.7	ug/L	1	11/11/25	PS	SW8151A
Dalapon	ND	0.23	0.23	ug/L	1	11/11/25	PS	SW8151A

Project ID: 22003-0092
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dicamba	ND	0.23	0.23	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	127			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	138			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.047	0.047	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	65			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	55			%	1	11/13/25	SC	30 - 150 %	
% TCMX	60			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	55			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.071	0.071	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.047	0.047	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.009	0.009	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.094	0.094	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.19	0.19	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	62			%	1	11/13/25	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	58			%	1	11/13/25	AW	30 - 150 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%TCMX (Surrogate Rec)	50			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	64			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
methyl tert-butyl ether	0.41	J	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND		50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND		5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND		50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND		1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	111				%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	79				%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	116				%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	107				%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water										
1,1-Biphenyl	ND		3.3	3.3	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND		3.3	3.3	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND		4.7	1.4	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND		4.7	1.5	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND		0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND		4.7	1.3	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND		4.7	1.8	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND		4.7	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND		4.7	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND		4.7	1.3	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND		4.7	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND		0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2-Nitroaniline	ND		4.7	1.9	ug/L	1	11/17/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	4.7	2.2	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	4.7	1.9	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.3	2.2	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.3	3.3	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.3	1.4	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.3	1.4	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.2	2.8	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	24	9.4	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	4.7	4.7	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	4.7	1.2	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.3	2.4	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	4.7	3.6	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	4.7	1.2	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
Nitrobenzene	ND	0.38	0.38	ug/L	1	11/16/25	PS	SW8270E (SIM)

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	0.09	0.09	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	1.8	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates									
% 1,4-dioxane-d8	95			%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	74			%	1	11/16/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	58			%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	66			%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	47			%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorophenol	48			%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorophenol	44			%	1	11/16/25	PS	15 - 110 %	
% Nitrobenzene-d5	56			%	1	11/17/25	PS	30 - 130 %	
% Nitrobenzene-d5	78			%	1	11/16/25	PS	30 - 130 %	
% Phenol-d5	48			%	1	11/16/25	PS	15 - 110 %	
% Phenol-d5	52			%	1	11/17/25	PS	15 - 110 %	
% Terphenyl-d14	75			%	1	11/17/25	PS	30 - 130 %	
% Terphenyl-d14	53			%	1	11/16/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.24	1.14	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.24	1.04	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.24	1.94	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.24	1.97	ng/L	1	11/12/25		EPA 1633A	C
3:3FTCA	ND	9.05	2.33	ng/L	1	11/12/25		EPA 1633A	C
5:3FTCA	ND	45.2	9.14	ng/L	1	11/12/25		EPA 1633A	C
7:3FTCA	ND	45.2	9.95	ng/L	1	11/12/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.24	1.36	ng/L	1	11/12/25		EPA 1633A	C
ADONA	ND	7.24	2.69	ng/L	1	11/12/25		EPA 1633A	C
HFPO-DA	ND	7.24	3.57	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSA	ND	1.81	0.163	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSAA	ND	1.81	0.670	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSE	ND	18.1	4.64	ng/L	1	11/12/25		EPA 1633A	C
NFDHA	ND	3.62	1.36	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSA	ND	1.81	0.208	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSAA	ND	1.81	0.706	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSE	ND	18.1	5.37	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.81	0.380	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.81	0.353	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.81	0.642	ng/L	1	11/12/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.81	0.660	ng/L	1	11/12/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.81	0.651	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.81	0.443	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.81	0.362	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.81	0.480	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.81	0.108	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.81	0.570	ng/L	1	11/12/25		EPA 1633A	C

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Phoenix I.D.: CU69458

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-n-butanoic acid (PFBA)	ND	7.24	2.27	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.81	0.498	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.81	0.208	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.81	0.480	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.81	0.127	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.81	0.561	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.62	1.07	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.81	0.335	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.81	0.516	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.81	0.407	ng/L	1	11/12/25		EPA 1633A	C
PFEESA	ND	3.62	1.22	ng/L	1	11/12/25		EPA 1633A	C
PFMBA	ND	3.62	1.08	ng/L	1	11/12/25		EPA 1633A	C
PFMPA	ND	3.62	1.16	ng/L	1	11/12/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	50.1			%	1	11/12/25		40 - 170 %	C
% M2-6:2FTS	74.6			%	1	11/12/25		40 - 200 %	C
% M2-8:2FTS	56.1			%	1	11/12/25		40 - 300 %	C
% M2PFTeDA	42.0			%	1	11/12/25		10 - 130 %	C
% M3PFBS	79.2			%	1	11/12/25		40 - 135 %	C
% M3PFHxS	73.6			%	1	11/12/25		40 - 130 %	C
% M4PFHpA	72.1			%	1	11/12/25		40 - 130 %	C
% M5PFHxA	65.6			%	1	11/12/25		40 - 130 %	C
% M5PFPeA	81.0			%	1	11/12/25		40 - 130 %	C
% M6PFDA	61.0			%	1	11/12/25		40 - 130 %	C
% M7PFUdA	52.8			%	1	11/12/25		30 - 130 %	C
% M8FOSA	62.8			%	1	11/12/25		40 - 130 %	C
% M8PFOA	74.9			%	1	11/12/25		40 - 130 %	C
% M8PFOS	64.0			%	1	11/12/25		40 - 130 %	C
% M9PFNA	69.0			%	1	11/12/25		40 - 130 %	C
% MPFBA	99.8			%	1	11/12/25		5 - 130 %	C
% MPFDoA	43.5			%	1	11/12/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	38.5			%	1	11/12/25		25 - 135 %	C
% d7-N-MeFOSE	41.7			%	1	11/12/25		10 - 130 %	C
% d9-N-EtFOSE	39.1			%	1	11/12/25		10 - 130 %	C
% d-N-EtFOSA	24.0			%	1	11/12/25		10 - 130 %	C
% d-N-MeFOSA	28.9			%	1	11/12/25		10 - 130 %	C
% M2-4:2 FTS	77.4			%	1	11/12/25		40 - 200 %	C
% M3HFPO-DA	76.3			%	1	11/12/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	15:35
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69459

Project ID: 22003-0092
Client ID: MW-06-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/12/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/18/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/13/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	0.003	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.109	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D	

Project ID: 22003-0092 Phoenix I.D.: CU69459
Client ID: MW-06-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	204	0.11	0.11	mg/L	10	11/13/25	JM	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	0.001 J	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	0.001 J	0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	62.6	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	2.97	0.053	0.011	mg/L	10	11/13/25	JM	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	0.001 J	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	7.1	1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
selenium	ND	0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	244	1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
thallium	ND	0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	0.001 J	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.004 J	0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D
Metals, Total								
aluminum	0.979	0.020	0.01	mg/L	1	11/11/25	CPP	SW6010D
antimony	ND	0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND	0.004	0.004	mg/L	1	11/11/25	CPP	SW6010D
barium	0.116	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	210	0.10	0.10	mg/L	10	11/12/25	JM	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	0.001 J	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	0.002 J	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
iron	1.14	0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	0.002	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
magnesium	65.3	0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
manganese	2.97	0.050	0.010	mg/L	10	11/12/25	JM	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	0.002 J	0.004	0.001	mg/L	1	11/11/25	CPP	SW6010D
potassium	7.2	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
selenium	ND	0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
sodium	255	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
thallium	ND	0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	0.001 J	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.004 J	0.010	0.0011	mg/L	1	11/11/25	CPP	SW6010D
Chlorinated Herbicides, Water								
2,4,5-T	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND	4.7	4.7	ug/L	1	11/11/25	PS	SW8151A
Dalapon	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A

Project ID: 22003-0092
Client ID: MW-06-20251106

Phoenix I.D.: CU69459

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dicamba	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	136			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	140			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.048	0.048	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	59			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	51			%	1	11/13/25	SC	30 - 150 %	
% TCMX	58			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	55			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.071	0.071	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.048	0.048	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.001	0.001	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.095	0.095	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.19	0.19	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	58			%	1	11/13/25	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	56			%	1	11/13/25	AW	30 - 150 %	

Ver 3

Project ID: 22003-0092
Client ID: MW-06-20251106

Phoenix I.D.: CU69459

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%TCMX (Surrogate Rec)	46			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	54			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	5.0	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	117			%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	76			%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	116			%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	104			%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water									
1,1-Biphenyl	ND	3.3	3.3	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	3.3	3.3	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	4.7	1.8	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	4.7	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
2-Nitroaniline	ND	4.7	1.9	ug/L	1	11/17/25	PS	SW8270E	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	4.7	2.2	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	4.7	1.9	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.3	2.2	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.3	3.3	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.3	1.4	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.3	1.4	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.2	2.8	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	24	9.4	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	4.7	4.7	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	4.7	1.2	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.3	2.4	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	4.7	3.6	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	4.7	1.2	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	4.7	1.3	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	4.7	1.4	ug/L	1	11/17/25	PS	SW8270E
Nitrobenzene	ND	0.38	0.38	ug/L	1	11/16/25	PS	SW8270E (SIM)

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	0.09	0.09	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND	4.7	1.5	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	1.8	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND	0.47	0.47	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND	0.94	0.94	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND	4.7	1.6	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates									
% 1,4-dioxane-d8	90			%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	73			%	1	11/16/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	62			%	1	11/17/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	46			%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	62			%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorophenol	28			%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorophenol	30			%	1	11/17/25	PS	15 - 110 %	
% Nitrobenzene-d5	55			%	1	11/16/25	PS	30 - 130 %	
% Nitrobenzene-d5	45			%	1	11/17/25	PS	30 - 130 %	
% Phenol-d5	<10			%	1	11/17/25	PS	15 - 110 %	3
% Phenol-d5	<10			%	1	11/16/25	PS	15 - 110 %	3
% Terphenyl-d14	12			%	1	11/16/25	PS	30 - 130 %	3
% Terphenyl-d14	16			%	1	11/17/25	PS	30 - 130 %	3
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.17	1.13	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.17	1.03	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.17	1.92	ng/L	1	11/12/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.17	1.95	ng/L	1	11/12/25		EPA 1633A	C
3:3FTCA	ND	8.96	2.31	ng/L	1	11/12/25		EPA 1633A	C
5:3FTCA	ND	44.8	9.05	ng/L	1	11/12/25		EPA 1633A	C
7:3FTCA	ND	44.8	9.85	ng/L	1	11/12/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.17	1.34	ng/L	1	11/12/25		EPA 1633A	C
ADONA	ND	7.17	2.66	ng/L	1	11/12/25		EPA 1633A	C
HFPO-DA	ND	7.17	3.54	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSA	ND	1.79	0.161	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSAA	ND	1.79	0.663	ng/L	1	11/12/25		EPA 1633A	C
NEtFOSE	ND	17.9	4.60	ng/L	1	11/12/25		EPA 1633A	C
NFDHA	ND	3.58	1.34	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSA	ND	1.79	0.206	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSAA	ND	1.79	0.699	ng/L	1	11/12/25		EPA 1633A	C
NMeFOSE	ND	17.9	5.32	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.79	0.376	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.79	0.349	ng/L	1	11/12/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.79	0.636	ng/L	1	11/12/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	4.33	1.79	0.654	ng/L	1	11/12/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.79	0.645	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.79	0.439	ng/L	1	11/12/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.79	0.358	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	5.89	1.79	0.475	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	1.89	1.79	0.107	ng/L	1	11/12/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	11.2	1.79	0.564	ng/L	1	11/12/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-n-butanoic acid (PFBA)	17.4		7.17	2.25	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		1.79	0.493	ng/L	1	11/12/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	0.908	J	1.79	0.206	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	4.88		1.79	0.475	ng/L	1	11/12/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	13.6		1.79	0.125	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		1.79	0.555	ng/L	1	11/12/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	16.4		3.58	1.06	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		1.79	0.331	ng/L	1	11/12/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		1.79	0.510	ng/L	1	11/12/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		1.79	0.403	ng/L	1	11/12/25		EPA 1633A	C
PFEESA	ND		3.58	1.21	ng/L	1	11/12/25		EPA 1633A	C
PFMBA	ND		3.58	1.07	ng/L	1	11/12/25		EPA 1633A	C
PFMPA	ND		3.58	1.15	ng/L	1	11/12/25		EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	58.8				%	1	11/12/25		40 - 170 %	C
% M2-6:2FTS	83.6				%	1	11/12/25		40 - 200 %	C
% M2-8:2FTS	69.9				%	1	11/12/25		40 - 300 %	C
% M2PFTeDA	46.2				%	1	11/12/25		10 - 130 %	C
% M3PFBS	77.3				%	1	11/12/25		40 - 135 %	C
% M3PFHxS	76.9				%	1	11/12/25		40 - 130 %	C
% M4PFHpA	70.4				%	1	11/12/25		40 - 130 %	C
% M5PFHxA	65.7				%	1	11/12/25		40 - 130 %	C
% M5PFPeA	84.8				%	1	11/12/25		40 - 130 %	C
% M6PFDA	64.8				%	1	11/12/25		40 - 130 %	C
% M7PFUdA	59.4				%	1	11/12/25		30 - 130 %	C
% M8FOSA	61.1				%	1	11/12/25		40 - 130 %	C
% M8PFOA	77.3				%	1	11/12/25		40 - 130 %	C
% M8PFOS	66.1				%	1	11/12/25		40 - 130 %	C
% M9PFNA	69.4				%	1	11/12/25		40 - 130 %	C
% MPFBA	94.8				%	1	11/12/25		5 - 130 %	C
% MPFDoA	44.6				%	1	11/12/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates										
% d5-N-EtFOSAA	47.2				%	1	11/12/25		25 - 135 %	C
% d7-N-MeFOSE	44.4				%	1	11/12/25		10 - 130 %	C
% d9-N-EtFOSE	43.6				%	1	11/12/25		10 - 130 %	C
% d-N-EtFOSA	27.1				%	1	11/12/25		10 - 130 %	C
% d-N-MeFOSA	31.0				%	1	11/12/25		10 - 130 %	C
% M2-4:2 FTS	96.9				%	1	11/12/25		40 - 200 %	C
% M3HFPO-DA	72.2				%	1	11/12/25		40 - 130 %	C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/06/25	
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69460

Project ID: 22003-0092
Client ID: DUP-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Lab Filtration for Metals	Completed					11/07/25	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					11/11/25	GW/GW	SW7470A	
Mercury Digestion	Completed					11/10/25	GW/AK	SW7470A	
Extraction for Herbicide	Completed					11/10/25	CV/D	SW8151A	
PCB Extraction (LDL)	Completed					11/12/25	J/J	SW3510C	
Extraction for Pest (LDL)	Completed					11/12/25	J/J	SW3510C	
Semi-Volatile Extraction	Completed					11/12/25	L/RB/K	SW3520C	
Dissolved Metals Preparation	Completed					11/07/25	AG	SW3005A	
Dissolved Metals Preparation (MS)	Completed					11/10/25	AG	SW3005A	
Total Metals Digestion	Completed					11/10/25	AG	SW3010A	
Total Metals Digestion MS	Completed					11/11/25	AG	SW3010A	
PFAS (40) by EPA 1633A	Completed					11/18/25		EPA 1633A	C
Volatile Library Search Top 10	Completed					11/12/25	MH		
Extraction for 1,4-Dioxane	Completed					11/11/25	G/G	SW8270ESIM	1
SVOA Library Search Top 15	Completed					11/18/25	MR		
Miscellaneous									
Total Cyanide	ND	0.010	0.005	mg/L	1	11/13/25	J/I/G	SW9010C/SW9012B	
Metals, Dissolved									
aluminum	ND	0.011	0.01	mg/L	1	11/11/25	TH	SW6010D	
antimony	ND	J 0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B	
arsenic	ND	0.003	0.004	mg/L	1	11/11/25	TH	SW6010D	
barium	0.025	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D	
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D	

Ver 3

Project ID: 22003-0092
Client ID: DUP-20251106

Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	TH	SW6010D
calcium	95.5	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	TH	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
iron	ND	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
lead	ND	0.002	0.001	mg/L	1	11/11/25	TH	SW6010D
magnesium	31.1	0.01	0.01	mg/L	1	11/11/25	TH	SW6010D
manganese	0.024	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/12/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/11/25	TH	SW6010D
potassium	4.2	0.1	0.01	mg/L	1	11/11/25	TH	SW6010D
selenium	ND	J 0.004	0.0002	mg/L	2	11/13/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	TH	SW6010D
sodium	83.1	1.1	0.11	mg/L	10	11/13/25	JM	SW6010D
thallium	ND	0.0006	0.0002	mg/L	2	11/13/25	MGH	SW6020B
vanadium	ND	0.011	0.001	mg/L	1	11/11/25	TH	SW6010D
zinc	0.004	J 0.011	0.0012	mg/L	1	11/11/25	TH	SW6010D
Metals, Total								
aluminum	0.187	0.020	0.01	mg/L	1	11/11/25	CPP	SW6010D
antimony	ND	0.0030	0.0005	mg/L	5	11/14/25	MGH	SW6020B
arsenic	ND	0.004	0.004	mg/L	1	11/11/25	CPP	SW6010D
barium	0.027	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
beryllium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cadmium	ND	0.004	0.0005	mg/L	1	11/11/25	CPP	SW6010D
calcium	91.5	0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
chromium	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
cobalt	ND	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
copper	ND	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
iron	0.38	0.01	0.01	mg/L	1	11/11/25	CPP	SW6010D
lead	ND	0.001	0.001	mg/L	1	11/11/25	CPP	SW6010D
magnesium	31.1	0.010	0.01	mg/L	1	11/11/25	CPP	SW6010D
manganese	0.034	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
mercury	ND	0.0002	0.00015	mg/L	1	11/10/25	AJ1	SW7470A
nickel	ND	0.004	0.001	mg/L	1	11/11/25	CPP	SW6010D
potassium	4.4	0.1	0.01	mg/L	1	11/11/25	CPP	SW6010D
selenium	ND	J 0.010	0.0005	mg/L	5	11/14/25	MGH	SW6020B
silver	ND	0.005	0.001	mg/L	1	11/11/25	CPP	SW6010D
sodium	91.0	1.0	0.10	mg/L	10	11/12/25	JM	SW6010D
thallium	ND	0.0005	0.0005	mg/L	5	11/14/25	MGH	SW6020B
vanadium	ND	0.010	0.001	mg/L	1	11/11/25	CPP	SW6010D
zinc	0.003	J 0.010	0.0011	mg/L	1	11/11/25	CPP	SW6010D
Chlorinated Herbicides, Water								
2,4,5-T	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A
2,4,5-TP (Silvex)	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A
2,4-D	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A
2,4-DB	ND	4.7	4.7	ug/L	1	11/11/25	PS	SW8151A
Dalapon	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A

Project ID: 22003-0092
Client ID: DUP-20251106

Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Dicamba	ND	0.24	0.24	ug/L	1	11/11/25	PS	SW8151A	
Dichloroprop	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A	
Dinoseb	ND	0.47	0.47	ug/L	1	11/11/25	PS	SW8151A	
QA/QC Surrogates									
% DCAA	138			%	10	11/13/25	PS	30 - 150 %	
% DCAA (Confirmation)	140			%	10	11/13/25	PS	30 - 150 %	
Polychlorinated Biphenyls, Water									
PCB-1016	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1221	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1232	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1242	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1248	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1254	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1260	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1262	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
PCB-1268	ND	0.049	0.049	ug/L	1	11/13/25	SC	SW8082A	
QA/QC Surrogates									
% DCBP	61			%	1	11/13/25	SC	30 - 150 %	
% DCBP (Confirmation)	52			%	1	11/13/25	SC	30 - 150 %	
% TCMX	61			%	1	11/13/25	SC	30 - 150 %	
% TCMX (Confirmation)	56			%	1	11/13/25	SC	30 - 150 %	
Pesticides - Water									
4,4' -DDD	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
a-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Alachlor	ND	0.074	0.074	ug/L	1	11/13/25	AW	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	11/13/25	AW	SW8081B	
b-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Chlordane	ND	0.049	0.049	ug/L	1	11/13/25	AW	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
Dieldrin	ND	0.002	0.002	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endosulfan sulfate	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin aldehyde	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
g-BHC	ND	0.005	0.005	ug/L	1	11/13/25	AW	SW8081B	
g-Chlordane	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	11/13/25	AW	SW8081B	
Methoxychlor	ND	0.098	0.098	ug/L	1	11/13/25	AW	SW8081B	
Toxaphene	ND	0.20	0.20	ug/L	1	11/13/25	AW	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	47			%	1	11/13/25	AW	30 - 150 %	
%DCBP (Surrogate Rec) (Confirmation)	52			%	1	11/13/25	AW	30 - 150 %	

Ver 3

Project ID: 22003-0092
Client ID: DUP-20251106

Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
%TCMX (Surrogate Rec)	45			%	1	11/13/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	57			%	1	11/13/25	AW	30 - 150 %
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D

Project ID: 22003-0092
Client ID: DUP-20251106

Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D	
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	113			%	1	11/10/25	PS	70 - 130 %	
% Bromofluorobenzene	75			%	1	11/10/25	PS	70 - 130 %	
% Dibromofluoromethane	122			%	1	11/10/25	PS	70 - 130 %	
% Toluene-d8	103			%	1	11/10/25	PS	70 - 130 %	
Semivolatiles, 8270 Water									
1,1-Biphenyl	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E	
1,2,4,5-Tetrachlorobenzene	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E	
1,2,4-Trichlorobenzene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E	
1,2-Dichlorobenzene	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
1,2-Diphenylhydrazine	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E	
1,3-Dichlorobenzene	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
1,4-Dichlorobenzene	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/13/25	AW	SW8270ESIM	1
2,2'-Oxybis(1-Chloropropane)	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E	1
2,3,4,6-tetrachlorophenol	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,4,5-Trichlorophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dichlorophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dimethylphenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Chloronaphthalene	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E	
2-Chlorophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2-Methylnaphthalene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
2-Nitroaniline	ND	4.9	2.0	ug/L	1	11/17/25	PS	SW8270E	

Project ID: 22003-0092
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Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Nitrophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
3,3'-Dichlorobenzidine	ND	4.9	2.3	ug/L	1	11/17/25	PS	SW8270E
3-Nitroaniline	ND	4.9	2.0	ug/L	1	11/17/25	PS	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
4-Bromophenyl phenyl ether	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
4-Chloro-3-methylphenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
4-Chloroaniline	ND	3.4	2.3	ug/L	1	11/17/25	PS	SW8270E
4-Chlorophenyl phenyl ether	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitroaniline	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
4-Nitrophenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
Acenaphthene	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Acenaphthylene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Acetophenone	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Aniline	ND	3.4	3.4	ug/L	1	11/17/25	PS	SW8270E
Anthracene	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
Atrazine	ND	3.4	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzaldehyde	ND	3.4	1.5	ug/L	1	11/17/25	PS	SW8270E
Benzidine	ND	4.4	2.9	ug/L	1	11/17/25	PS	SW8270E
benzo(a)anthracene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Benzoic acid	ND	25	9.8	ug/L	1	11/17/25	PS	SW8270E
Benzyl Alcohol	ND	4.9	4.9	ug/L	1	11/17/25	PS	SW8270E
Benzyl butyl phthalate	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethoxy)methane	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Bis(2-chloroethyl)ether	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
Caprolactam	ND	3.4	2.5	ug/L	1	11/17/25	PS	SW8270E
Carbazole	ND	4.9	3.7	ug/L	1	11/17/25	PS	SW8270E
Chrysene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Dibenzofuran	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Diethyl phthalate	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Dimethylphthalate	ND	4.9	1.5	ug/L	1	11/17/25	PS	SW8270E
Di-n-butylphthalate	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Di-n-octylphthalate	ND	4.9	1.3	ug/L	1	11/17/25	PS	SW8270E
Fluoranthene	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
Fluorene	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E
Hexachlorobenzene	ND	0.04	0.04	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorobutadiene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)
Hexachloroethane	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	11/16/25	PS	SW8270E (SIM)
Isophorone	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Naphthalene	ND	4.9	1.4	ug/L	1	11/17/25	PS	SW8270E
Nitrobenzene	ND	0.39	0.39	ug/L	1	11/16/25	PS	SW8270E (SIM)

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Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	0.10	0.10	ug/L	1	11/16/25	PS	SW8270E (SIM)	
N-Nitrosodi-n-propylamine	ND	4.9	1.6	ug/L	1	11/17/25	PS	SW8270E	
N-Nitrosodiphenylamine	ND	4.9	1.9	ug/L	1	11/17/25	PS	SW8270E	
Pentachlorophenol	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenanthrene	ND	0.49	0.49	ug/L	1	11/16/25	PS	SW8270E (SIM)	
Phenol	ND	0.98	0.98	ug/L	1	11/17/25	PS	SW8270E	
Pyrene	ND	4.9	1.7	ug/L	1	11/17/25	PS	SW8270E	
QA/QC Surrogates									
% 1,4-dioxane-d8	109			%	1	11/13/25	AW	70 - 130 %	
% 2,4,6-Tribromophenol	59			%	1	11/17/25	PS	15 - 110 %	
% 2,4,6-Tribromophenol	83			%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorobiphenyl	65			%	1	11/17/25	PS	30 - 130 %	
% 2-Fluorobiphenyl	49			%	1	11/16/25	PS	30 - 130 %	
% 2-Fluorophenol	39			%	1	11/16/25	PS	15 - 110 %	
% 2-Fluorophenol	40			%	1	11/17/25	PS	15 - 110 %	
% Nitrobenzene-d5	50			%	1	11/17/25	PS	30 - 130 %	
% Nitrobenzene-d5	74			%	1	11/16/25	PS	30 - 130 %	
% Phenol-d5	47			%	1	11/17/25	PS	15 - 110 %	
% Phenol-d5	48			%	1	11/16/25	PS	15 - 110 %	
% Terphenyl-d14	60			%	1	11/16/25	PS	30 - 130 %	
% Terphenyl-d14	82			%	1	11/17/25	PS	30 - 130 %	
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	8.07	1.27	ng/L	1	11/19/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	8.07	1.16	ng/L	1	11/19/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	8.07	2.16	ng/L	1	11/19/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	8.07	2.20	ng/L	1	11/19/25		EPA 1633A	C
3:3FTCA	ND	10.1	2.60	ng/L	1	11/19/25		EPA 1633A	C
5:3FTCA	ND	50.4	10.2	ng/L	1	11/19/25		EPA 1633A	C
7:3FTCA	ND	50.4	11.1	ng/L	1	11/19/25		EPA 1633A	C
9Cl-PF3ONS	ND	8.07	1.51	ng/L	1	11/19/25		EPA 1633A	C
ADONA	ND	8.07	2.99	ng/L	1	11/19/25		EPA 1633A	C
HFPO-DA	ND	8.07	3.98	ng/L	1	11/19/25		EPA 1633A	C
NEtFOSA	ND	2.02	0.181	ng/L	1	11/19/25		EPA 1633A	C
NEtFOSAA	ND	2.02	0.746	ng/L	1	11/19/25		EPA 1633A	C
NEtFOSE	ND	20.2	5.17	ng/L	1	11/19/25		EPA 1633A	C
NFDHA	ND	4.03	1.51	ng/L	1	11/19/25		EPA 1633A	C
NMeFOSA	ND	2.02	0.232	ng/L	1	11/19/25		EPA 1633A	C
NMeFOSAA	ND	2.02	0.786	ng/L	1	11/19/25		EPA 1633A	C
NMeFOSE	ND	20.2	5.99	ng/L	1	11/19/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.02	0.423	ng/L	1	11/19/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.02	0.393	ng/L	1	11/19/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.02	0.716	ng/L	1	11/19/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	2.13	2.02	0.736	ng/L	1	11/19/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	2.02	0.726	ng/L	1	11/19/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	2.02	0.494	ng/L	1	11/19/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	2.02	0.403	ng/L	1	11/19/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	26.4	2.02	0.534	ng/L	1	11/19/25		EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	3.04	2.02	0.121	ng/L	1	11/19/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	28.2	2.02	0.635	ng/L	1	11/19/25		EPA 1633A	C

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoro-n-butanoic acid (PFBA)	19.6		8.07	2.53	ng/L	1	11/19/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		2.02	0.554	ng/L	1	11/19/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	1.53	J	2.02	0.232	ng/L	1	11/19/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	1.22	J	2.02	0.534	ng/L	1	11/19/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	76.3		2.02	0.141	ng/L	1	11/19/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	0.826	J	2.02	0.625	ng/L	1	11/19/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	63.4		4.03	1.19	ng/L	1	11/19/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		2.02	0.373	ng/L	1	11/19/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		2.02	0.575	ng/L	1	11/19/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		2.02	0.454	ng/L	1	11/19/25		EPA 1633A	C
PFEESA	ND		4.03	1.36	ng/L	1	11/19/25		EPA 1633A	C
PFMBA	ND		4.03	1.21	ng/L	1	11/19/25		EPA 1633A	C
PFMPA	ND		4.03	1.29	ng/L	1	11/19/25		EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	71.4				%	1	11/19/25		40 - 170 %	C
% M2-6:2FTS	87.2				%	1	11/19/25		40 - 200 %	C
% M2-8:2FTS	72.7				%	1	11/19/25		40 - 300 %	C
% M2PFTeDA	48.9				%	1	11/19/25		10 - 130 %	C
% M3PFBS	95.6				%	1	11/19/25		40 - 135 %	C
% M3PFHxS	89.4				%	1	11/19/25		40 - 130 %	C
% M4PFHpA	90.9				%	1	11/19/25		40 - 130 %	C
% M5PFHxA	92.2				%	1	11/19/25		40 - 130 %	C
% M5PFPeA	94.6				%	1	11/19/25		40 - 130 %	C
% M6PFDA	80.8				%	1	11/19/25		40 - 130 %	C
% M7PFUdA	79.7				%	1	11/19/25		30 - 130 %	C
% M8FOSA	72.7				%	1	11/19/25		40 - 130 %	C
% M8PFOA	90.2				%	1	11/19/25		40 - 130 %	C
% M8PFOS	74.4				%	1	11/19/25		40 - 130 %	C
% M9PFNA	82.3				%	1	11/19/25		40 - 130 %	C
% MPFBA	98.2				%	1	11/19/25		5 - 130 %	C
% MPFDoA	64.8				%	1	11/19/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates										
% d5-N-EtFOSAA	50.3				%	1	11/19/25		25 - 135 %	C
% d7-N-MeFOSE	59.8				%	1	11/19/25		10 - 130 %	C
% d9-N-EtFOSE	56.6				%	1	11/19/25		10 - 130 %	C
% d-N-EtFOSA	38.0				%	1	11/19/25		10 - 130 %	C
% d-N-MeFOSA	40.4				%	1	11/19/25		10 - 130 %	C
% M2-4:2 FTS	97.1				%	1	11/19/25		40 - 200 %	C
% M3HFPO-DA	90.8				%	1	11/19/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: DUP-20251106

Phoenix I.D.: CU69460

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

*See attached

Dissolved analysis requires filtration. Samples submitted from an unpreserved container have been lab filtered.

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69461

Project ID: 22003-0092
Client ID: TB-20251106A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatile Library Search Top 10	Completed					11/12/25	MH	
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB-20251106A

Phoenix I.D.: CU69461

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	110			%	1	11/10/25	PS	70 - 130 %
% Bromofluorobenzene	80			%	1	11/10/25	PS	70 - 130 %
% Dibromofluoromethane	111			%	1	11/10/25	PS	70 - 130 %
% Toluene-d8	105			%	1	11/10/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251106A

Phoenix I.D.: CU69461

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69462

Project ID: 22003-0092
Client ID: TB-20251106B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB-20251106B

Phoenix I.D.: CU69462

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	111			%	1	11/10/25	PS	70 - 130 %
% Bromofluorobenzene	78			%	1	11/10/25	PS	70 - 130 %
% Dibromofluoromethane	102			%	1	11/10/25	PS	70 - 130 %
% Toluene-d8	107			%	1	11/10/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251106B

Phoenix I.D.: CU69462

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69463

Project ID: 22003-0092
Client ID: TB-20251106C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D

Project ID: 22003-0092
Client ID: TB-20251106C

Phoenix I.D.: CU69463

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	MH	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Methylacetate	ND	50	50	ug/L	1	11/10/25	MH	SW8260D
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	114			%	1	11/10/25	MH	70 - 130 %
% Bromofluorobenzene	77			%	1	11/10/25	MH	70 - 130 %
% Dibromofluoromethane	109			%	1	11/10/25	MH	70 - 130 %
% Toluene-d8	103			%	1	11/10/25	MH	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251106C

Phoenix I.D.: CU69463

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69464

Project ID: 22003-0092
Client ID: TB-20251106D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D

Project ID: 22003-0092
Client ID: TB-20251106D

Phoenix I.D.: CU69464

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	MH	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Methylacetate	ND	50	50	ug/L	1	11/10/25	MH	SW8260D
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	109			%	1	11/10/25	MH	70 - 130 %
% Bromofluorobenzene	79			%	1	11/10/25	MH	70 - 130 %
% Dibromofluoromethane	117			%	1	11/10/25	MH	70 - 130 %
% Toluene-d8	105			%	1	11/10/25	MH	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251106D

Phoenix I.D.: CU69464

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69465

Project ID: 22003-0092
Client ID: TB-20251106E

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	MH	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	MH	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	MH	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D

Project ID: 22003-0092
Client ID: TB-20251106E

Phoenix I.D.: CU69465

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	MH	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	MH	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	MH	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	MH	SW8260D
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Methylacetate	ND	50	50	ug/L	1	11/10/25	MH	SW8260D
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	MH	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	MH	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	MH	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	MH	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	MH	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	116			%	1	11/10/25	MH	70 - 130 %
% Bromofluorobenzene	79			%	1	11/10/25	MH	70 - 130 %
% Dibromofluoromethane	118			%	1	11/10/25	MH	70 - 130 %
% Toluene-d8	105			%	1	11/10/25	MH	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251106E

Phoenix I.D.: CU69465

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	7:49
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69466

Project ID: 22003-0092
Client ID: TB-20251106F

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
VOCs, 8260 Water								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,1-Dichloroethylene (1,1-DCE)	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	11/10/25	PS	SW8260D
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
1,4-dioxane	ND	100	50	ug/l	1	11/10/25	MH	SW8260D
2-Hexanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
Acetone	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrolein	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Acrylonitrile	ND	5.0	2.5	ug/L	1	11/10/25	PS	SW8260D
Benzene	ND	0.70	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D

Project ID: 22003-0092
Client ID: TB-20251106F

Phoenix I.D.: CU69466

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromoform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Bromomethane	ND	5.0	0.50	ug/L	1	11/10/25	PS	SW8260D
Carbon Disulfide	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chlorobenzene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloroform	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Chloromethane	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Cyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Dibromochloromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dibromomethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Ethylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Hexachlorobutadiene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Isopropylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
m&p-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
2-butanone	ND	2.5	2.5	ug/L	1	11/10/25	PS	SW8260D
methyl tert-butyl ether	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Methylacetate	ND	50	50	ug/L	1	11/10/25	PS	SW8260D
Methylcyclohexane	ND	5.0	1.0	ug/L	1	11/10/25	PS	SW8260D
Methylene chloride	ND	3.0	1.0	ug/L	1	11/10/25	PS	SW8260D
n-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
n-Propylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
o-Xylene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Styrene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Tert-butyl alcohol	ND	50	20	ug/L	1	11/10/25	PS	SW8260D
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Tetrachloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Toluene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
xylenes, total	ND	1.0	1.0	ug/L	1	11/10/25	PS	SW8260D
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	11/10/25	PS	SW8260D
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichloroethene	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
Vinyl chloride	ND	1.0	0.25	ug/L	1	11/10/25	PS	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	111			%	1	11/10/25	PS	70 - 130 %
% Bromofluorobenzene	78			%	1	11/10/25	PS	70 - 130 %
% Dibromofluoromethane	113			%	1	11/10/25	PS	70 - 130 %
% Toluene-d8	104			%	1	11/10/25	PS	70 - 130 %

Project ID: 22003-0092
Client ID: TB-20251106F

Phoenix I.D.: CU69466

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	FIELD BLANK	Collected by:		11/06/25	11:38
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69467

Project ID: 22003-0092
Client ID: FB-20251106

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed					11/13/25		EPA 1633A	C
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.23	1.14	ng/L	1	11/16/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.23	1.04	ng/L	1	11/16/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.23	1.93	ng/L	1	11/16/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.23	1.97	ng/L	1	11/16/25		EPA 1633A	C
3:3FTCA	ND	9.04	2.33	ng/L	1	11/16/25		EPA 1633A	C
5:3FTCA	ND	45.2	9.13	ng/L	1	11/16/25		EPA 1633A	C
7:3FTCA	ND	45.2	9.94	ng/L	1	11/16/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.23	1.36	ng/L	1	11/16/25		EPA 1633A	C
ADONA	ND	7.23	2.68	ng/L	1	11/16/25		EPA 1633A	C
HFPO-DA	ND	7.23	3.57	ng/L	1	11/16/25		EPA 1633A	C
NEtFOSA	ND	1.81	0.163	ng/L	1	11/16/25		EPA 1633A	C
NEtFOSAA	ND	1.81	0.669	ng/L	1	11/16/25		EPA 1633A	C
NEtFOSE	ND	18.1	4.64	ng/L	1	11/16/25		EPA 1633A	C
NFDHA	ND	3.62	1.36	ng/L	1	11/16/25		EPA 1633A	C
NMeFOSA	ND	1.81	0.208	ng/L	1	11/16/25		EPA 1633A	C
NMeFOSAA	ND	1.81	0.705	ng/L	1	11/16/25		EPA 1633A	C
NMeFOSE	ND	18.1	5.37	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.81	0.380	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.81	0.352	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.81	0.642	ng/L	1	11/16/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.81	0.660	ng/L	1	11/16/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.81	0.651	ng/L	1	11/16/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.81	0.443	ng/L	1	11/16/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.81	0.362	ng/L	1	11/16/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.81	0.479	ng/L	1	11/16/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: FB-20251106

Phoenix I.D.: CU69467

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.81	0.108	ng/L	1	11/16/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.81	0.569	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.23	2.27	ng/L	1	11/16/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.81	0.497	ng/L	1	11/16/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.81	0.208	ng/L	1	11/16/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.81	0.479	ng/L	1	11/16/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.81	0.126	ng/L	1	11/16/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.81	0.560	ng/L	1	11/16/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.62	1.07	ng/L	1	11/16/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.81	0.334	ng/L	1	11/16/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.81	0.515	ng/L	1	11/16/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.81	0.407	ng/L	1	11/16/25		EPA 1633A	C
PFEESA	ND	3.62	1.22	ng/L	1	11/16/25		EPA 1633A	C
PFMBA	ND	3.62	1.08	ng/L	1	11/16/25		EPA 1633A	C
PFMPA	ND	3.62	1.16	ng/L	1	11/16/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	75.6			%	1	11/16/25		40 - 170 %	C
% M2-6:2FTS	99.6			%	1	11/16/25		40 - 200 %	C
% M2-8:2FTS	109.			%	1	11/16/25		40 - 300 %	C
% M2PFTeDA	58.3			%	1	11/16/25		10 - 130 %	C
% M3PFBS	95.8			%	1	11/16/25		40 - 135 %	C
% M3PFHxS	89.5			%	1	11/16/25		40 - 130 %	C
% M4PFHpA	101.			%	1	11/16/25		40 - 130 %	C
% M5PFHxA	102.			%	1	11/16/25		40 - 130 %	C
% M5PFPeA	105.			%	1	11/16/25		40 - 130 %	C
% M6PFDA	89.8			%	1	11/16/25		40 - 130 %	C
% M7PFUdA	84.2			%	1	11/16/25		30 - 130 %	C
% M8FOSA	76.8			%	1	11/16/25		40 - 130 %	C
% M8PFOA	98.4			%	1	11/16/25		40 - 130 %	C
% M8PFOS	80.1			%	1	11/16/25		40 - 130 %	C
% M9PFNA	101.			%	1	11/16/25		40 - 130 %	C
% MPFBA	101.			%	1	11/16/25		5 - 130 %	C
% MPFDoA	69.3			%	1	11/16/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	55.1			%	1	11/16/25		25 - 135 %	C
% d7-N-MeFOSE	72.8			%	1	11/16/25		10 - 130 %	C
% d9-N-EtFOSE	71.3			%	1	11/16/25		10 - 130 %	C
% d-N-EtFOSA	33.2			%	1	11/16/25		10 - 130 %	C
% d-N-MeFOSA	33.4			%	1	11/16/25		10 - 130 %	C
% M2-4:2 FTS	98.3			%	1	11/16/25		40 - 200 %	C
% M3HFPO-DA	98.2			%	1	11/16/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: FB-20251106

Phoenix I.D.: CU69467

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	11:43
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69468

Project ID: 22003-0092
Client ID: EB-20251106A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633A	Completed					11/13/25		EPA 1633A	C
PFAS (40) by EPA 1633, Water									
11Cl-PF3OUdS	ND	7.78	1.22	ng/L	1	11/16/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	7.78	1.12	ng/L	1	11/16/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	7.78	2.08	ng/L	1	11/16/25		EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	7.78	2.12	ng/L	1	11/16/25		EPA 1633A	C
3:3FTCA	ND	9.73	2.51	ng/L	1	11/16/25		EPA 1633A	C
5:3FTCA	ND	48.6	9.82	ng/L	1	11/16/25		EPA 1633A	C
7:3FTCA	ND	48.6	10.7	ng/L	1	11/16/25		EPA 1633A	C
9Cl-PF3ONS	ND	7.78	1.46	ng/L	1	11/16/25		EPA 1633A	C
ADONA	ND	7.78	2.89	ng/L	1	11/16/25		EPA 1633A	C
HFPO-DA	ND	7.78	3.84	ng/L	1	11/16/25		EPA 1633A	C
NEtFOSA	ND	1.94	0.175	ng/L	1	11/16/25		EPA 1633A	C
NEtFOSAA	ND	1.94	0.720	ng/L	1	11/16/25		EPA 1633A	C
NEtFOSE	ND	19.4	4.99	ng/L	1	11/16/25		EPA 1633A	C
NFDHA	ND	3.89	1.46	ng/L	1	11/16/25		EPA 1633A	C
NMeFOSA	ND	1.94	0.224	ng/L	1	11/16/25		EPA 1633A	C
NMeFOSAA	ND	1.94	0.759	ng/L	1	11/16/25		EPA 1633A	C
NMeFOSE	ND	19.4	5.78	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.94	0.408	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.94	0.379	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.94	0.691	ng/L	1	11/16/25		EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	1.94	0.710	ng/L	1	11/16/25		EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	1.94	0.700	ng/L	1	11/16/25		EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	1.94	0.477	ng/L	1	11/16/25		EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	1.94	0.389	ng/L	1	11/16/25		EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND	1.94	0.516	ng/L	1	11/16/25		EPA 1633A	C

Project ID: 22003-0092
Client ID: EB-20251106A

Phoenix I.D.: CU69468

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.94	0.117	ng/L	1	11/16/25		EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	1.94	0.613	ng/L	1	11/16/25		EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	7.78	2.44	ng/L	1	11/16/25		EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	1.94	0.535	ng/L	1	11/16/25		EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	1.94	0.224	ng/L	1	11/16/25		EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	1.94	0.516	ng/L	1	11/16/25		EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	1.94	0.136	ng/L	1	11/16/25		EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.94	0.603	ng/L	1	11/16/25		EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	3.89	1.15	ng/L	1	11/16/25		EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	1.94	0.360	ng/L	1	11/16/25		EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	1.94	0.554	ng/L	1	11/16/25		EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	1.94	0.438	ng/L	1	11/16/25		EPA 1633A	C
PFEESA	ND	3.89	1.31	ng/L	1	11/16/25		EPA 1633A	C
PFMBA	ND	3.89	1.17	ng/L	1	11/16/25		EPA 1633A	C
PFMPA	ND	3.89	1.24	ng/L	1	11/16/25		EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	90.6			%	1	11/16/25		40 - 170 %	C
% M2-6:2FTS	104.			%	1	11/16/25		40 - 200 %	C
% M2-8:2FTS	115.			%	1	11/16/25		40 - 300 %	C
% M2PFTeDA	84.0			%	1	11/16/25		10 - 130 %	C
% M3PFBS	107.			%	1	11/16/25		40 - 135 %	C
% M3PFHxS	104.			%	1	11/16/25		40 - 130 %	C
% M4PFHpA	103.			%	1	11/16/25		40 - 130 %	C
% M5PFHxA	104.			%	1	11/16/25		40 - 130 %	C
% M5PFPeA	104.			%	1	11/16/25		40 - 130 %	C
% M6PFDA	103.			%	1	11/16/25		40 - 130 %	C
% M7PFUdA	106.			%	1	11/16/25		30 - 130 %	C
% M8FOSA	91.0			%	1	11/16/25		40 - 130 %	C
% M8PFOA	105.			%	1	11/16/25		40 - 130 %	C
% M8PFOS	95.8			%	1	11/16/25		40 - 130 %	C
% M9PFNA	101.			%	1	11/16/25		40 - 130 %	C
% MPFBA	100.			%	1	11/16/25		5 - 130 %	C
% MPFDoA	91.1			%	1	11/16/25		10 - 130 %	C

PFAS (40) by EPA 1633, Water

QA/QC Surrogates									
% d5-N-EtFOSAA	68.7			%	1	11/16/25		25 - 135 %	C
% d7-N-MeFOSE	89.5			%	1	11/16/25		10 - 130 %	C
% d9-N-EtFOSE	91.7			%	1	11/16/25		10 - 130 %	C
% d-N-EtFOSA	46.1			%	1	11/16/25		10 - 130 %	C
% d-N-MeFOSA	46.0			%	1	11/16/25		10 - 130 %	C
% M2-4:2 FTS	100.			%	1	11/16/25		40 - 200 %	C
% M3HFPO-DA	99.6			%	1	11/16/25		40 - 130 %	C

Project ID: 22003-0092
Client ID: EB-20251106A

Phoenix I.D.: CU69468

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

C = This parameter is subcontracted.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

PFAS (40) by EPA 1633A (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #11121.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 05, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		11/06/25	11:43
Location Code:	GALLAGHER	Received by:	B	11/06/25	19:53
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU69454
Phoenix ID: CU69469

Project ID: 22003-0092
Client ID: EB-20251106B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Extraction for 1,4-Dioxane	Completed					11/14/25	G/G	SW8270ESIM	1
Semivolatiles, 8270 Water									
1,4-dioxane	ND	0.20	0.20	ug/l	1	11/16/25	AW	SW8270ESIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	83			%	1	11/16/25	AW	70 - 130 %	

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 05, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-01-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69454

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_14.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-02-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69455

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_15.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-03-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69456

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_16.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU69457 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water) Water Lab Sample ID: CU69457 BLK

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_07.D

Level: (low/med) Low Date Received: 11/06/25

% Moisture: not dec. n.a. Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-04-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69457

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_17.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	3.365	6.9	J

FORM I VOA-TIC

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N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-05-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69458

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_18.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-06-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69459

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_19.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000115-07-1	Propene	1.184	25	JN
000106-98-9	1-Butene	1.331	6	JN

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DUP-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69460

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_20.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: TB-20251106A

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) WATER Lab Sample ID: CU69461

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1110_08.D

Level: (low/med) Date Received: 11/06/25

% Moisture: not dec. 100 Date Analyzed: 11/10/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): n.a.

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	3.370	1.2	J

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified
Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-01-20251106

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU6945

Matrix:(soil/water): GROUND WATER | Lab Sample ID: CU69454

Sample wt/vol: 1035 (g/mL) mL | Lab File ID: 1117_18.D

Level: (low/med): Low | Date Received: 11/06/25

% Moisture: not dec. 100 | decanted:(Y/N) NA | Date Extracted: 11/17/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 2 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown hydrocarbon	9.021	4.2	J
	unknown hydrocarbon	10.363	5.2	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-02-20251106

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU6945

Matrix:(soil/water): GROUND WATER | Lab Sample ID: CU69455

Sample wt/vol: 1045 (g/mL) mL | Lab File ID: 1117_19.D

Level: (low/med): Low | Date Received: 11/06/25

% Moisture: not dec. 100 | decanted:(Y/N) NA | Date Extracted: 11/17/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 3 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown hydrocarbon	9.031	5.1	J
	unknown hydrocarbon	10.358	7.1	J
	unknown hydrocarbon	12.342	4.8	J

FORM I SEMIVOA-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-03-20251106

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU6945

Matrix:(soil/water): GROUND WATER | Lab Sample ID: CU69456

Sample wt/vol: 1005 (g/mL) mL | Lab File ID: 1117_20.D

Level: (low/med): Low | Date Received: 11/06/25

% Moisture: not dec. 100 | decanted:(Y/N) NA | Date Extracted: 11/17/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor: 1

Injection Volume: 1 (uL)

Number TICs found: 0 | CONCENTRATION UNITS: (ug/L or ug/KG): ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: CU69457 BLK

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix Case No.: SAS No.: SDG No.:

Matrix:(soil/water) Water Lab Sample ID: CU69457 BLK

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 1117_10.D

Level: (low/med) Low Date Received: 11/06/25

% Moisture: not dec. n.a. decanted:(Y/N) NA Date Extracted: 11/17/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-04-20251106

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU6945

Matrix:(soil/water): GROUND WATER | Lab Sample ID: CU69457

Sample wt/vol: 1000 (g/mL) mL | Lab File ID: 1117_14.D

Level: (low/med): Low | Date Received: 11/06/25

% Moisture: not dec. 100 | decanted:(Y/N) NA | Date Extracted: 11/17/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 1 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown hydrocarbon	10.400	4.9	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-05-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water): GROUND WATER Lab Sample ID: CU69458

Sample wt/vol: 1065 (g/mL) mL Lab File ID: 1117_21.D

Level: (low/med): Low Date Received: 11/06/25

% Moisture: not dec. 100 decanted:(Y/N) NA Date Extracted: 11/17/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: MW-06-20251106

Lab Name: Phoenix Environmental Labs | Client: GALLAGHER

Lab Code: Phoenix | Case No.: | SAS No.: | SDG No.: GCU6945

Matrix:(soil/water): GROUND WATER | Lab Sample ID: CU69459

Sample wt/vol: 1065 (g/mL) mL | Lab File ID: 1117_22.D

Level: (low/med): Low | Date Received: 11/06/25

% Moisture: not dec. 100 | decanted:(Y/N) NA | Date Extracted: 11/17/25

GPC Cleanup (Y/N): N | pH: NA | Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) | Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 2 | CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown hydrocarbon	4.667	45	J
	unknown hydrocarbon	4.923	18	J

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

C - Indicates that the tentatively identified compound is a suspected prep artifact produced during extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

DUP-20251106

Lab Name: Phoenix Environmental Labs Client: GALLAGHER

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU6945

Matrix:(soil/water) GROUND WATER Lab Sample ID: CU69460

Sample wt/vol: 1025 (g/mL) mL Lab File ID: 1117_23.D

Level: (low/med) Low Date Received: 11/06/25

% Moisture: not dec. 100 decanted:(Y/N) NA Date Extracted: 11/17/25

GPC Cleanup (Y/N): N pH: NA Date Analyzed: 11/17/2025

Conc. Extract Volume: 1000 (uL) Dilution Factor 1

Injection Volume: 1 (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I SEMIVOA-TIC

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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 05, 2025

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 813368 (mg/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	97.7			90.5	90.7	0.2	75 - 125	20
QA/QC Batch 813088 (mg/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	103			96.6	96.5	0.1	75 - 125	20
QA/QC Batch 813184 (mg/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)													
ICP Metals - Aqueous													
Aluminum	BRL	0.020	<0.020	<0.020	NC	93.6	92.5	1.2	101	104	2.9	80 - 120	20
Arsenic	BRL	0.004	<0.004	<0.004	NC	96.4	96.4	0.0	95.3	96.8	1.6	80 - 120	20
Barium	BRL	0.002	0.153	0.151	1.30	99.7	99.0	0.7	95.1	97.1	2.1	80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	98.5	98.2	0.3	92.5	93.3	0.9	80 - 120	20
Cadmium	BRL	0.001	<0.004	<0.001	NC	98.6	97.8	0.8	90.7	92.0	1.4	80 - 120	20
Calcium	BRL	0.010	240	241	0.40	99.9	99.3	0.6	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	99.6	99.3	0.3	94.2	96.0	1.9	80 - 120	20
Cobalt	BRL	0.002	0.001 J	0.001 J	NC	98.8	97.7	1.1	94.0	95.6	1.7	80 - 120	20
Copper	BRL	0.005	0.005	0.006	NC	98.3	97.5	0.8	100	103	3.0	80 - 120	20
Iron	BRL	0.010	0.03	0.027	NC	99.3	98.7	0.6	94.1	95.8	1.8	80 - 120	20
Lead	BRL	0.001	0.001	<0.001	NC	98.8	98.6	0.2	97.1	98.8	1.7	80 - 120	20
Magnesium	BRL	0.010	58.8	58.2	1.00	101	100	1.0	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	1.89	1.87	1.10	102	101	1.0	87.0	89.5	2.8	80 - 120	20
Nickel	BRL	0.001	0.002 J	0.002	NC	101	102	1.0	96.7	98.2	1.5	80 - 120	20
Potassium	BRL	0.1	6.8	6.7	1.50	97.3	95.8	1.6	101	88.9	12.7	80 - 120	20
Silver	BRL	0.001	<0.005	<0.001	NC	96.7	96.6	0.1	97.6	99.2	1.6	70 - 130	30
Sodium	BRL	0.10	191	190	0.50	95.3	93.5	1.9	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	<0.010	<0.002	NC	98.1	97.1	1.0	94.5	96.1	1.7	80 - 120	20
Zinc	BRL	0.002	0.004 J	0.004	NC	96.1	95.5	0.6	93.6	95.4	1.9	80 - 120	20
QA/QC Batch 812976 (mg/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)													
ICP Metals - Dissolved													
Aluminum (Dissolved)	BRL	0.011	<0.011	<0.011	NC	80.9	81.3	0.5	86.7	86.8	0.1	80 - 120	20
Arsenic (Dissolved)	BRL	0.004	0.004	<0.004	NC	89.6	90.0	0.4	90.3	91.3	1.1	80 - 120	20
Barium (Dissolved)	BRL	0.002	0.145	0.145	0	90.1	90.8	0.8	88.5	88.6	0.1	80 - 120	20
Beryllium (Dissolved)	BRL	0.001	<0.001	<0.001	NC	91.0	91.7	0.8	88.5	89.1	0.7	80 - 120	20
Cadmium (Dissolved)	BRL	0.001	<0.004	<0.001	NC	90.1	90.7	0.7	85.1	85.5	0.5	80 - 120	20
Calcium (Dissolved)	BRL	0.01	240	240	0	91.3	92.0	0.8	NC	NC	NC	80 - 120	20
Chromium (Dissolved)	BRL	0.001	<0.001	<0.001	NC	90.1	90.4	0.3	87.3	87.7	0.5	80 - 120	20
Cobalt (Dissolved)	BRL	0.001	0.001 J	0.001	NC	90.0	90.5	0.6	86.5	86.8	0.3	80 - 120	20
Copper (Dissolved)	BRL	0.005	0.004 J	0.003 J	NC	88.7	88.9	0.2	90.3	90.3	0.0	80 - 120	20
Iron (Dissolved)	BRL	0.011	<0.01	<0.011	NC	90.9	91.4	0.5	88.0	88.1	0.1	80 - 120	20
Lead (Dissolved)	BRL	0.002	<0.002	<0.002	NC	90.6	91.0	0.4	88.1	89.0	1.0	80 - 120	20
Magnesium (Dissolved)	BRL	0.01	59.1	58.4	1.20	90.9	91.5	0.7	NC	NC	NC	80 - 120	20
Manganese (Dissolved)	BRL	0.001	1.82	1.80	1.10	94.0	94.4	0.4	86.4	87.6	1.4	80 - 120	20
Nickel (Dissolved)	BRL	0.001	0.003 J	0.002	NC	90.1	91.0	1.0	86.8	87.4	0.7	80 - 120	20
Potassium (Dissolved)	BRL	0.1	5.4	5.4	0	85.7	85.8	0.1	94.0	86.8	8.0	80 - 120	20

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Silver (Dissolved)	BRL	0.001	<0.005	<0.001	NC	87.1	87.5	0.5	88.4	88.8	0.5	70 - 130	30	
Sodium (Dissolved)	BRL	0.11	184	184	0	87.0	87.4	0.5	NC	NC	NC	80 - 120	20	
Vanadium (Dissolved)	BRL	0.002	<0.011	<0.002	NC	88.3	88.6	0.3	87.3	87.6	0.3	80 - 120	20	
Zinc (Dissolved)	BRL	0.002	0.007 J	0.005	NC	88.2	88.8	0.7	86.8	87.0	0.2	80 - 120	20	
QA/QC Batch 813177 (mg/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)														
ICP Metals MS - Dissolved														
Antimony	BRL	0.0006	BRL J	0.0002 J	NC	92.2	95.5	3.5	103	102	1.0	80 - 120	20	
Selenium	BRL	0.004	<0.004	<0.004	NC	94.9	97.8	3.0	110	111	0.9	80 - 120	20	
Thallium	BRL	0.0006	<0.0006	<0.0006	NC	79.4	84.1	5.7	89.0	89.2	0.2	80 - 120	20	I
QA/QC Batch 813377 (mg/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)														
ICP MS Metals - Aqueous														
Antimony	BRL	0.0030	BRL J	0.0006 J	NC	104	103	1.0	102	101	1.0	80 - 120	20	
Selenium	BRL	0.010	<0.010	<0.010	NC	116	115	0.9	108	110	1.8	80 - 120	20	
Thallium	BRL	0.0005	<0.0005	<0.0005	NC	99.4	98.8	0.6	93.0	92.4	0.6	80 - 120	20	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

December 05, 2025

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 813331A (mg/L), QC Sample No: CU69080 (CU69454, CU69455, CU69456, CU69457, CU69458)													
Total Cyanide	BRL	0.010				97.7	97.7	0.0	106			90 - 110	20
Comment:													
This batch does not include a duplicate.													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 813589 (mg/L), QC Sample No: CU69696 (CU69459, CU69460)													
Total Cyanide	BRL	0.010	<0.010	<0.010	NC	95.0	93.9	1.2	109			90 - 110	20
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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NY # 11301

QA/QC Report

December 05, 2025

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 816081 (ng/L), QC Sample No: CU69454 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459)											
PFOA & PFOS											
11Cl-PF3OUdS	ND	8.00	94.8	94.4		84.9	74.0	28	55 - 160	20	r
3:3FTCA	ND	10.0	104.	112.		114.	103.	25	65 - 130	20	r
4:2FTS	ND	8.00	106.	112.		118.	104.	27	70 - 145	20	r
5:3FTCA	ND	50.0	100.	111.		116.	105.	24	70 - 135	20	r
6:2FTS	ND	8.00	102.	115.		118.	106.	25	65 - 155	20	r
7:3FTCA	ND	50.0	95.5	102.		106.	99.0	22	50 - 145	20	r
8:2FTS	ND	8.00	106.	114.		121.	113.	20	60 - 150	20	
9Cl-PF3ONS	ND	8.00	104.	120.		120.	104.	28	70 - 155	20	r
ADONA	ND	8.00	108.	111.		117.	111.	20	65 - 145	20	
FOSA	ND	2.00	99.5	107.		119.	105.	26	70 - 145	20	r
HFPO-DA	ND	8.00	112.	118.		122.	110.	25	70 - 140	20	r
NEtFOSA	ND	2.00	117.	127.		136.	117.	30	65 - 145	20	r
NEtFOSAA	ND	2.00	100.	110.		120.	111.	22	70 - 145	20	r
NEtFOSE	ND	20.0	102.	115.		119.	106.	26	70 - 135	20	r
NFDHA	ND	4.00	123.	139.		133.	112.	32	50 - 150	20	r
NMeFOSA	ND	2.00	106.	124.		147.	124.	31	60 - 150	20	r
NMeFOSAA	ND	2.00	101.	112.		123.	118.	18	50 - 140	20	
NMeFOSE	ND	20.0	101.	115.		119.	108.	24	70 - 145	20	r
PFBA	ND	8.00	103.	114.		125.	114.	24	70 - 140	20	r
PFBS	ND	2.00	107.	107.		111.	107.	18	60 - 145	20	
PFDA	ND	2.00	100.	116.		127.	107.	31	70 - 140	20	r
PFDoA	ND	2.00	103.	110.		121.	113.	21	70 - 140	20	r
PFDoDS	ND	2.00	85.9	82.9		75.9	71.9	20	50 - 145	20	
PFDS	ND	2.00	98.7	102.		91.1	80.6	27	60 - 145	20	r
PFEESA	ND	4.00	109.	120.		126.	112.	26	70 - 140	20	r
PFHpA	ND	2.00	106.	116.		119.	109.	22	70 - 145	20	r
PFHpS	ND	2.00	97.5	116.		130.	111.	31	70 - 150	20	r
PFHxA	ND	2.00	104.	119.		121.	107.	27	70 - 145	20	r
PFHxS	ND	2.00	100.	112.		113.	101.	24	65 - 145	20	r
PFMBA	ND	4.00	99.0	108.		106.	96.0	25	60 - 150	20	r
PFMPA	ND	4.00	96.6	107.		112.	101.	25	55 - 140	20	r
PFNA	ND	2.00	103.	114.		114.	101.	26	70 - 150	20	r
PFNS	ND	2.00	102.	112.		106.	94.2	26	65 - 145	20	r
PFOA	ND	2.00	100.	111.		114.	103.	25	70 - 150	20	r
PFOS	ND	2.00	97.7	112.		112.	106.	19	55 - 150	20	
PFPeA	ND	4.00	107.	117.		120.	110.	24	65 - 135	20	r
PFPeS	ND	2.00	98.4	116.		117.	103.	27	65 - 140	20	r
PFTA	ND	2.00	99.6	113.		117.	110.	21	60 - 140	20	r
PFTrDA	ND	2.00	99.3	105.		112.	110.	16	65 - 140	20	
PFUnA	ND	2.00	105.	111.		124.	107.	28	70 - 145	20	r
% d3-N-MeFOSAA	95.4		92.9	86.9		52.5	50.5		40 - 170	20	

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% d5-N-EtFOSAA	80.2		76.6	69.5		41.5	41.5		25 - 135	20
% M2-4:2 FTS	95.4		88.4	95.0		78.5	77.2		40 - 200	20
% M2-6:2 FTS	89.7		92.9	92.4		65.6	72.0		40 - 200	20
% M2-8:2 FTS	90.8		95.3	90.6		57.9	58.0		40 - 300	20
% M2PFTEDA	65.0		78.0	64.8		38.8	42.8		10 - 130	20
% M3HFPO-DA	105.		89.2	98.4		66.2	67.3		40 - 130	20
% M3PFBS	98.3		88.8	88.4		70.5	74.8		40 - 135	20
% M3PFHxS	94.4		91.9	84.9		64.4	69.9		40 - 130	20
% M4PFHpA	93.5		88.2	91.4		61.5	63.7		40 - 130	20
% M5PFHxA	94.2		85.2	87.0		60.4	62.9		40 - 130	20
% M5PFPEA	103.		94.6	99.4		77.5	78.2		40 - 130	20
% M6PFDA	97.0		95.0	90.7		53.5	56.5		40 - 130	20
% M7PFUDA	106.		91.3	93.9		52.2	51.0		30 - 130	20
% M8FOSA	88.5		88.3	85.8		56.3	60.2		40 - 130	20
% M8PFOA	94.8		92.0	93.7		65.7	70.6		40 - 130	20
% M8PFOS	95.0		96.9	79.0		58.3	62.7		40 - 130	20
% M9PFNA	96.0		92.4	92.8		62.6	70.5		40 - 130	20
% MPFBA	98.2		101.	101.		95.9	96.7		5 - 130	20
% MPFDOA	84.2		85.6	78.9		44.0	44.0		10 - 130	20

Comment:

Sample CU69454 was not used for MS, batch results provided., LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 816083 (ng/L), QC Sample No: CU69455 (CU69455)

PFAS (18) (ReExtraction 1)

11Cl-PF3OUdS - Water	ND	8.00	91	77					55 - 160	20
3:3FTCA - Water	ND	10.0	91	97					65 - 130	20
4:2FTS - Water	ND	8.00	93	98					70 - 145	20
5:3FTCA - Water	ND	50.0	91	97					70 - 135	20
6:2FTS - Water	ND	8.00	94	101					65 - 155	20
7:3FTCA - Water	ND	50.0	84	87					50 - 145	20
8:2FTS - Water	ND	8.00	97	98					60 - 150	20
9Cl-PF3ONS - Water	ND	8.00	97	98					70 - 155	20
ADONA - Water	ND	8.00	97	105					65 - 145	20
FOSA - Water	ND	2.00	97	99					70 - 145	20
HFPO-DA - Water	ND	8.00	94	100					70 - 140	20
NEtFOSA - Water	ND	2.00	101	107					65 - 145	20
NEtFOSAA - Water	ND	2.00	104	105					70 - 145	20
NEtFOSE - Water	ND	20.0	94	99					70 - 135	20
NFDHA - Water	ND	4.00	94	99					50 - 150	20
NMeFOSA - Water	ND	2.00	100	110					60 - 150	20
NMeFOSAA - Water	ND	2.00	97	97					50 - 140	20
NMeFOSE - Water	ND	20.0	91	98					70 - 145	20
PFBA - Water	ND	8.00	94	100					70 - 140	20
PFBS - Water	ND	2.00	95	97					60 - 145	20
PFDA - Water	ND	2.00	93	95					70 - 140	20
PFDoA - Water	ND	2.00	95	98					70 - 140	20
PFDoDS - Water	ND	2.00	78	70					50 - 145	20
PFDS - Water	ND	2.00	91	81					60 - 145	20
PFEESA - Water	ND	4.00	98	97					70 - 140	20
PFHpA - Water	ND	2.00	94	99					70 - 145	20
PFHpS - Water	ND	2.00	100	107					70 - 150	20

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PFHxA - Water	ND	2.00	93	98					70 - 145	20
PFHxS - Water	ND	2.00	90	99					65 - 145	20
PFMBA - Water	ND	4.00	93	98					60 - 150	20
PFMPA - Water	ND	4.00	91	96					55 - 140	20
PFNA - Water	ND	2.00	91	98					70 - 150	20
PFNS - Water	ND	2.00	101	94					65 - 145	20
PFOA - Water	ND	2.00	92	102					70 - 150	20
PFOS - Water	ND	2.00	95	157					55 - 150	20
PFPeA - Water	ND	4.00	91	98					65 - 135	20
PFPeS - Water	ND	2.00	90	101					65 - 140	20
PFTA - Water	ND	2.00	89	95					60 - 140	20
PFTrDA - Water	ND	2.00	88	94					65 - 140	20
PFUnA - Water	ND	2.00	90	94					70 - 145	20
% d3-N-MeFOSAA - Water	85.1		87	86					40 - 170	20
% d5-N-EtFOSAA - Water		%	59						25 - 135	20
% M2-4:2 FTS - Water	90.9		93	97					40 - 200	20
% M2-6:2 FTS - Water	95.6		102	101					40 - 200	20
% M2-8:2 FTS - Water	94.4		101	100					40 - 300	20
% M2PFTEDA - Water	53.2		79	70					10 - 130	20
% M3HFPO-DA - Water	101.		103	100					40 - 130	20
% M3PFBS - Water	86.9		99	96					40 - 135	20
% M3PFHxS - Water	82.2		100	90					40 - 130	20
% M4PFHpA - Water	97.1		102	102					40 - 130	20
% M5PFHxA - Water	96.7		103	101					40 - 130	20
% M5PFPEA - Water	103.		107	105					40 - 130	20
% M6PFDA - Water	95.6		102	103					40 - 130	20
% M7PFUDA - Water	93.9		100	97					30 - 130	20
% M8FOSA - Water	77.8		84	84					40 - 130	20
% M8PFOA - Water	93.4		103	100					40 - 130	20
% M8PFOS - Water	78.0		92	87					40 - 130	20
% M9PFNA - Water	91.9		102	98					40 - 130	20
% MPFBA - Water	99.4		100	100					5 - 130	20
% MPFDOA - Water	74.3		85	76					10 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 816084 (ng/L), QC Sample No: CU69460 (CU69460)

PFOA & PFOS

11Cl-PF3OUdS	ND	8.00	108.	92.4					55 - 160	20
3:3FTCA	ND	10.0	101.	106.					65 - 130	20
4:2FTS	ND	8.00	104.	120.					70 - 145	20
5:3FTCA	ND	50.0	106.	109.					70 - 135	20
6:2FTS	ND	8.00	106.	115.					65 - 155	20
7:3FTCA	ND	50.0	98.7	101.					50 - 145	20
8:2FTS	ND	8.00	102.	113.					60 - 150	20
9Cl-PF3ONS	ND	8.00	103.	107.					70 - 155	20
ADONA	ND	8.00	97.9	106.					65 - 145	20
FOSA	ND	2.00	101.	112.					70 - 145	20
HFPO-DA	ND	8.00	99.8	108.					70 - 140	20
NEtFOSA	ND	2.00	110.	126.					65 - 145	20
NEtFOSAA	ND	2.00	109.	118.					70 - 145	20
NEtFOSE	ND	20.0	102.	117.					70 - 135	20

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
NFDHA	ND	4.00	106.	131.					50 - 150	20
NMeFOSA	ND	2.00	110.	120.					60 - 150	20
NMeFOSAA	ND	2.00	97.4	108.					50 - 140	20
NMeFOSE	ND	20.0	102.	116.					70 - 145	20
PFBA	ND	8.00	103.	110.					70 - 140	20
PFBS	ND	2.00	95.5	108.					60 - 145	20
PFDA	ND	2.00	101.	107.					70 - 140	20
PFDoA	ND	2.00	106.	108.					70 - 140	20
PFDoDS	ND	2.00	101.	76.1					50 - 145	20
PFDS	ND	2.00	105.	97.3					60 - 145	20
PFEESA	ND	4.00	89.2	108.					70 - 140	20
PFHpA	ND	2.00	100.	107.					70 - 145	20
PFHpS	ND	2.00	104.	111.					70 - 150	20
PFHxA	ND	2.00	98.7	114.					70 - 145	20
PFHxS	ND	2.00	101.	108.					65 - 145	20
PFMBA	ND	4.00	99.5	107.					60 - 150	20
PFMPA	ND	4.00	98.5	104.					55 - 140	20
PFNA	ND	2.00	102.	110.					70 - 150	20
PFNS	ND	2.00	99.6	103.					65 - 145	20
PFOA	ND	2.00	101.	110.					70 - 150	20
PFOS	ND	2.00	102.	108.					55 - 150	20
PFPeA	ND	4.00	99.5	109.					65 - 135	20
PFPeS	ND	2.00	108.	114.					65 - 140	20
PFTA	ND	2.00	104.	116.					60 - 140	20
PFTrDA	ND	2.00	98.8	99.4					65 - 140	20
PFUnA	ND	2.00	99.0	114.					70 - 145	20
% d3-N-MeFOSAA	80.6		64.3	82.6					40 - 170	20
% d5-N-EtFOSAA	44.9		42.1	46.2					25 - 135	20
% M2-4:2 FTS	85.7		75.2	98.0					40 - 200	20
% M2-6:2 FTS	86.6		68.1	97.0					40 - 200	20
% M2-8:2 FTS	85.5		64.9	92.3					40 - 300	20
% M2PFTEDA	62.5		56.7	53.8					10 - 130	20
% M3HFPO-DA	101.		78.4	99.3					40 - 130	20
% M3PFBS	85.7		65.8	93.1					40 - 135	20
% M3PFHxS	81.0		56.3	85.0					40 - 130	20
% M4PFHpA	85.4		72.2	94.6					40 - 130	20
% M5PFHxA	85.6		76.6	94.6					40 - 130	20
% M5PFPEA	87.5		79.6	97.8					40 - 130	20
% M6PFDA	86.7		67.9	88.4					40 - 130	20
% M7PFUDA	90.3		73.1	87.9					30 - 130	20
% M8FOSA	78.8		66.2	75.4					40 - 130	20
% M8PFOA	85.5		70.5	94.8					40 - 130	20
% M8PFOS	78.2		53.0	78.1					40 - 130	20
% M9PFNA	84.9		70.2	91.3					40 - 130	20
% MPFBA	99.3		98.4	99.1					5 - 130	20
% MPFDOA	73.3		66.0	75.5					10 - 130	20

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 816082 (ng/L), QC Sample No: CU69467 (CU69467, CU69468)

PFOA & PFOS

11Cl-PF3OUdS	ND	8.00	86.4	90.3					55 - 160	20

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
3:3FTCA	ND	10.0	109.	102.					65 - 130	20
4:2FTS	ND	8.00	98.5	96.3					70 - 145	20
5:3FTCA	ND	50.0	106.	99.6					70 - 135	20
6:2FTS	ND	8.00	102.	101.					65 - 155	20
7:3FTCA	ND	50.0	89.5	84.5					50 - 145	20
8:2FTS	ND	8.00	101.	97.8					60 - 150	20
9Cl-PF3ONS	ND	8.00	111.	105.					70 - 155	20
ADONA	ND	8.00	109.	105.					65 - 145	20
FOSA	ND	2.00	106.	104.					70 - 145	20
HFPO-DA	ND	8.00	119.	111.					70 - 140	20
NEtFOSA	ND	2.00	138.	120.					65 - 145	20
NEtFOSAA	ND	2.00	93.4	94.2					70 - 145	20
NEtFOSE	ND	20.0	104.	95.5					70 - 135	20
NFDHA	ND	4.00	132.	122.					50 - 150	20
NMeFOSA	ND	2.00	133.	120.					60 - 150	20
NMeFOSAA	ND	2.00	104.	96.3					50 - 140	20
NMeFOSE	ND	20.0	103.	96.7					70 - 145	20
PFBA	ND	8.00	104.	100.					70 - 140	20
PFBS	ND	2.00	104.	93.8					60 - 145	20
PFDA	ND	2.00	95.5	96.9					70 - 140	20
PFDoA	ND	2.00	92.9	89.5					70 - 140	20
PFDoDS	ND	2.00	75.4	84.5					50 - 145	20
PFDS	ND	2.00	91.7	89.9					60 - 145	20
PFEESA	ND	4.00	124.	125.					70 - 140	20
PFHpA	ND	2.00	108.	104.					70 - 145	20
PFHpS	ND	2.00	109.	97.5					70 - 150	20
PFHxA	ND	2.00	114.	115.					70 - 145	20
PFHxS	ND	2.00	102.	96.8					65 - 145	20
PFMBA	ND	4.00	95.2	93.4					60 - 150	20
PFMPA	ND	4.00	90.6	86.7					55 - 140	20
PFNA	ND	2.00	106.	98.4					70 - 150	20
PFNS	ND	2.00	109.	99.2					65 - 145	20
PFOA	ND	2.00	102.	98.4					70 - 150	20
PFOS	ND	2.00	104.	98.7					55 - 150	20
PFPeA	ND	4.00	116.	110.					65 - 135	20
PFPeS	ND	2.00	95.7	95.2					65 - 140	20
PFTA	ND	2.00	88.6	84.4					60 - 140	20
PFTrDA	ND	2.00	103.	104.					65 - 140	20
PFUnA	ND	2.00	97.2	95.8					70 - 145	20
% d3-N-MeFOSAA	91.2		96.0	103.					40 - 170	20
% d5-N-EtFOSAA	78.0		79.2	83.8					25 - 135	20
% M2-4:2 FTS	91.7		97.9	103.					40 - 200	20
% M2-6:2 FTS	91.3		91.7	100.					40 - 200	20
% M2-8:2 FTS	95.3		94.1	108.					40 - 300	20
% M2PFTEDA	100.		85.4	102.					10 - 130	20
% M3HFPO-DA	83.6		88.8	95.0					40 - 130	20
% M3PFBS	87.6		84.9	100.					40 - 135	20
% M3PFHxS	89.6		86.7	103.					40 - 130	20
% M4PFHpA	77.4		82.2	88.8					40 - 130	20
% M5PFHxA	67.4		73.7	75.6					40 - 130	20
% M5PFPEA	87.8		96.4	101.					40 - 130	20
% M6PFDA	92.6		97.1	104.					40 - 130	20
% M7PFUDA	98.5		103.	109.					30 - 130	20

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% M8FOSA	69.9		75.2	82.7					40 - 130	20	
% M8PFOA	90.9		94.1	102.					40 - 130	20	
% M8PFOS	87.6		84.4	105.					40 - 130	20	
% M9PFNA	88.2		91.6	102.					40 - 130	20	
% MPFBA	105.		104.	103.					5 - 130	20	
% MPFDOA	80.5		79.2	89.2					10 - 130	20	

Comment:

LCS & LCSD represent ongoing precision and recovery samples. Concentrations are defined by the method and serve to verify the reporting limit and mid-level calibration point. RPDs cannot be assessed due to varying concentrations in each QC sample.

QA/QC Batch 814202 (ug/l), QC Sample No: CU69368 (CU69469)

1,4dioxane - Water

1,4-dioxane (ISO)	ND	0.20	112	109	2.7	112			70 - 130	20	
% 1,4-dioxane-d8 (ISO)	77	%	86	84	2.4	83			70 - 130	20	

QA/QC Batch 813314 (ug/l), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)

1,4dioxane - Ground Water

1,4-dioxane (ISO)	ND	0.20	114	117	2.6	121	107	12.3	70 - 130	20	
% 1,4-dioxane-d8 (ISO)	95	%	83	92	10.3	93	97	4.2	70 - 130	20	

QA/QC Batch 813112 (ug/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)

Chlorinated Herbicides - Ground Water

2,4,5-T	ND	2.5	88	96	8.7	92	97	5.3	40 - 140	20	
2,4,5-TP (Silvex)	ND	2.5	88	96	8.7	91	95	4.3	40 - 140	20	
2,4-D	ND	5.0	84	91	8.0	87	91	4.5	40 - 140	20	
2,4-DB	ND	50	40	44	9.5	42	46	9.1	40 - 140	20	
Dalapon	ND	2.5	77	81	5.1	81	81	0.0	40 - 140	20	
Dicamba	ND	2.5	83	90	8.1	90	92	2.2	40 - 140	20	
Dichloroprop	ND	5.0	90	97	7.5	93	104	11.2	40 - 140	20	
Dinoseb	ND	5.0	91	100	9.4	102	115	12.0	40 - 140	20	m
% DCAA (Surrogate Rec)	56	%	60	64	6.5	65	65	0.0	30 - 150	20	
% DCAA (Surrogate Rec) (Confirm	60	%	70	76	8.2	73	74	1.4	30 - 150	20	

QA/QC Batch 813626 (ug/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	76	68	11.1	90	78	14.3	40 - 140	20	
PCB-1221	ND	0.050							40 - 140	20	
PCB-1232	ND	0.050							40 - 140	20	
PCB-1242	ND	0.050							40 - 140	20	
PCB-1248	ND	0.050							40 - 140	20	
PCB-1254	ND	0.050							40 - 140	20	
PCB-1260	ND	0.050	94	89	5.5	106	95	10.9	40 - 140	20	
PCB-1262	ND	0.050							40 - 140	20	
PCB-1268	ND	0.050							40 - 140	20	
% DCBP (Surrogate Rec)	79	%	103	101	2.0	121	110	9.5	30 - 150	20	
% DCBP (Surrogate Rec) (Confirm	63	%	93	92	1.1	130	100	26.1	30 - 150	20	r
% TCMX (Surrogate Rec)	64	%	81	67	18.9	71	77	8.1	30 - 150	20	
% TCMX (Surrogate Rec) (Confirm	51	%	93	58	46.4	79	68	15.0	30 - 150	20	r

QA/QC Batch 813629 (ug/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	79	73	7.9	94	95	1.1	40 - 140	20	
4,4' -DDE	ND	0.003	88	82	7.1	85	78	8.6	40 - 140	20	
4,4' -DDT	ND	0.003	61	52	15.9	72	71	1.4	40 - 140	20	
a-BHC	ND	0.002	67	61	9.4	69	69	0.0	40 - 140	20	

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
a-Chlordane	ND	0.005	71	69	2.9	94	88	6.6	40 - 140	20	
Alachlor	ND	0.005	NA	NA	NC	NA	NA	NC	40 - 140	20	
Aldrin	ND	0.002	60	55	8.7	69	70	1.4	40 - 140	20	
b-BHC	ND	0.002	76	70	8.2	78	74	5.3	40 - 140	20	
Chlordane	ND	0.050	64	76	17.1	90	85	5.7	40 - 140	20	
d-BHC	ND	0.005	22	21	4.7	30	40	28.6	40 - 140	20	l,r
Dieldrin	ND	0.002	103	96	7.0	99	93	6.3	40 - 140	20	
Endosulfan I	ND	0.005	81	80	1.2	99	90	9.5	40 - 140	20	
Endosulfan II	ND	0.005	89	79	11.9	109	104	4.7	40 - 140	20	
Endosulfan sulfate	ND	0.005	57	51	11.1	72	72	0.0	40 - 140	20	
Endrin	ND	0.005	88	81	8.3	111	110	0.9	40 - 140	20	
Endrin aldehyde	ND	0.005	71	64	10.4	89	90	1.1	40 - 140	20	
Endrin ketone	ND	0.005	72	65	10.2	90	93	3.3	40 - 140	20	
g-BHC	ND	0.002	82	75	8.9	86	88	2.3	40 - 140	20	
g-Chlordane	ND	0.005	64	76	17.1	90	85	5.7	40 - 140	20	
Heptachlor	ND	0.005	65	60	8.0	71	73	2.8	40 - 140	20	
Heptachlor epoxide	ND	0.005	77	70	9.5	87	90	3.4	40 - 140	20	
Methoxychlor	ND	0.005	77	70	9.5	89	98	9.6	40 - 140	20	
Toxaphene	ND	0.20	NA	NA	NC	NA	NA	NC	40 - 140	20	
% DCBP	57	%	72	64	11.8	92	87	5.6	30 - 150	20	
% DCBP (Confirmation)	49	%	59	58	1.7	70	66	5.9	30 - 150	20	
% TCMX	50	%	58	56	3.5	58	53	9.0	30 - 150	20	
% TCMX (Confirmation)	56	%	61	61	0.0	57	51	11.1	30 - 150	20	
QA/QC Batch 813625 (ug/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)											
Semivolatiles - Ground Water											
1,1-Biphenyl	ND	3.5	59	54	8.8	64	64	0.0	30 - 130	20	
1,2,4,5-Tetrachlorobenzene	ND	3.5	61	57	6.8	66	68	3.0	30 - 130	20	
1,2,4-Trichlorobenzene	ND	3.5	56	54	3.6	60	64	6.5	30 - 130	20	
1,2-Dichlorobenzene	ND	1.0	45	44	2.2	46	52	12.2	30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	66	58	12.9	70	66	5.9	30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	44	43	2.3	45	51	12.5	30 - 130	20	
1,4-Dichlorobenzene	ND	1.0	43	42	2.4	44	50	12.8	30 - 130	20	
2,2'-Oxybis(1-Chloropropane)	ND	1.0	36	33	8.7	36	40	10.5	30 - 130	20	
2,3,4,6-tetrachlorophenol	ND	3.5	77	66	15.4	85	81	4.8	30 - 130	20	
2,4,5-Trichlorophenol	ND	1.0	80	67	17.7	84	81	3.6	30 - 130	20	
2,4,6-Trichlorophenol	ND	1.0	70	60	15.4	77	75	2.6	30 - 130	20	
2,4-Dichlorophenol	ND	1.0	64	58	9.8	70	72	2.8	30 - 130	20	
2,4-Dimethylphenol	ND	1.0	66	58	12.9	70	74	5.6	30 - 130	20	
2,4-Dinitrophenol	ND	1.0	108	95	12.8	121	120	0.8	30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	99	86	14.1	104	100	3.9	30 - 130	20	m
2,6-Dinitrotoluene	ND	3.5	87	80	8.4	94	92	2.2	30 - 130	20	
2-Chloronaphthalene	ND	3.5	64	58	9.8	70	70	0.0	30 - 130	20	
2-Chlorophenol	ND	1.0	51	47	8.2	51	59	14.5	30 - 130	20	
2-Methylnaphthalene	ND	3.5	64	60	6.5	69	73	5.6	30 - 130	20	
2-Methylphenol (o-cresol)	ND	1.0	49	53	7.8	61	70	13.7	30 - 130	20	
2-Nitroaniline	ND	3.5	114	95	18.2	108	105	2.8	30 - 130	20	
2-Nitrophenol	ND	1.0	58	53	9.0	62	64	3.2	30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	1.0	59	54	8.8	62	69	10.7	30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	55	47	15.7	42	33	24.0	30 - 130	20	r
3-Nitroaniline	ND	5.0	100	86	15.1	102	94	8.2	30 - 130	20	
4,6-Dinitro-2-methylphenol	ND	1.0	112	100	11.3	118	115	2.6	30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	76	66	14.1	83	77	7.5	30 - 130	20	

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	1.0	83	72	14.2	89	87	2.3	30 - 130	20	
4-Chloroaniline	ND	3.5	64	59	8.1	67	64	4.6	30 - 130	20	
4-Chlorophenyl phenyl ether	ND	1.0	71	65	8.8	78	75	3.9	30 - 130	20	
4-Nitroaniline	ND	5.0	77	66	15.4	81	76	6.4	30 - 130	20	
4-Nitrophenol	ND	1.0	74	63	16.1	76	76	0.0	30 - 130	20	
Acenaphthene	ND	1.5	62	57	8.4	69	67	2.9	30 - 130	20	
Acetophenone	ND	3.5	53	50	5.8	52	59	12.6	30 - 130	20	
Aniline	ND	3.5	50	46	8.3	42	47	11.2	30 - 130	20	
Anthracene	ND	1.5	75	64	15.8	79	72	9.3	30 - 130	20	
Atrazine	ND	3.5	73	62	16.3	70	68	2.9	30 - 130	20	
Benzaldehyde	ND	3.5	93	85	9.0	86	97	12.0	30 - 130	20	
Benzidine	ND	4.5	106	91	15.2	44	34	25.6	30 - 130	20	r
Benzoic acid	ND	10	59	68	14.2	89	88	1.1	30 - 130	20	
Benzyl Alcohol	ND	5.0	33	28	16.4	27	35	25.8	30 - 130	20	l,m,r
Benzyl butyl phthalate	ND	1.5	87	74	16.1	91	83	9.2	30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	57	52	9.2	60	63	4.9	30 - 130	20	
Bis(2-chloroethyl)ether	ND	1.0	43	41	4.8	44	49	10.8	30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	1.5	92	76	19.0	93	85	9.0	30 - 130	20	
Caprolactam	ND	3.5	77	68	12.4	84	82	2.4	30 - 130	20	
Carbazole	ND	5.0	79	69	13.5	81	76	6.4	30 - 130	20	
Dibenzofuran	ND	3.5	67	61	9.4	73	71	2.8	30 - 130	20	
Diethyl phthalate	ND	1.5	83	73	12.8	87	84	3.5	30 - 130	20	
Dimethylphthalate	ND	1.5	75	66	12.8	79	75	5.2	30 - 130	20	
Di-n-butylphthalate	ND	1.5	86	74	15.0	88	82	7.1	30 - 130	20	
Di-n-octylphthalate	ND	1.5	94	77	19.9	95	87	8.8	30 - 130	20	
Fluoranthene	ND	1.5	82	70	15.8	84	79	6.1	30 - 130	20	
Fluorene	ND	1.5	69	63	9.1	76	71	6.8	30 - 130	20	
Hexachloroethane	ND	3.5	47	46	2.2	47	55	15.7	30 - 130	20	
Isophorone	ND	3.5	56	50	11.3	58	60	3.4	30 - 130	20	
Naphthalene	ND	1.5	53	50	5.8	56	60	6.9	30 - 130	20	
N-Nitrosodi-n-propylamine	ND	3.5	53	49	7.8	56	61	8.5	30 - 130	20	
N-Nitrosodiphenylamine	ND	3.5	70	59	17.1	74	69	7.0	30 - 130	20	
Phenol	ND	1.0	49	46	6.3	53	56	5.5	30 - 130	20	
Pyrene	ND	1.5	82	70	15.8	83	79	4.9	30 - 130	20	
% 2,4,6-Tribromophenol	65	%	72	58	21.5	72	68	5.7	15 - 110	20	r
% 2-Fluorobiphenyl	67	%	62	56	10.2	67	67	0.0	30 - 130	20	
% 2-Fluorophenol	46	%	38	36	5.4	40	45	11.8	15 - 110	20	
% Nitrobenzene-d5	53	%	53	50	5.8	54	61	12.2	30 - 130	20	
% Phenol-d5	56	%	46	42	9.1	49	53	7.8	15 - 110	20	
% Terphenyl-d14	95	%	89	75	17.1	90	84	6.9	30 - 130	20	

Comment:

A LCS and LCS Duplicate were performed in addition to a matrix spike and matrix spike duplicate.

Additional 8270 criteria: Four of the compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 10-110%, for soils 30-130%)

QA/QC Batch 813625 (ug/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460)

Semivolatiles (SIM) - Ground Water

Acenaphthylene	ND	0.50	46	40	14.0	48	49	2.1	30 - 130	20	
Benzo(a)anthracene	ND	0.50	73	58	22.9	70	66	5.9	30 - 130	20	r
Benzo(a)pyrene	ND	0.50	70	55	24.0	67	63	6.2	30 - 130	20	r
Benzo(b)fluoranthene	ND	0.50	74	61	19.3	72	67	7.2	30 - 130	20	
Benzo(ghi)perylene	ND	0.50	70	57	20.5	70	62	12.1	30 - 130	20	
Benzo(k)fluoranthene	ND	0.50	77	62	21.6	75	70	6.9	30 - 130	20	r

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chrysene	ND	0.50	71	58	20.2	69	66	4.4	30 - 130	20	
Dibenz(a,h)anthracene	ND	0.50	77	66	15.4	75	72	4.1	30 - 130	20	
Hexachlorobenzene	ND	0.50	62	55	12.0	63	63	0.0	30 - 130	20	
Hexachlorobutadiene	ND	0.50	46	42	9.1	46	51	10.3	30 - 130	20	
Hexachlorocyclopentadiene	ND	0.50	22	20	9.5	24	27	11.8	30 - 130	20	l,m
Indeno(1,2,3-cd)pyrene	ND	0.50	79	60	27.3	74	70	5.6	30 - 130	20	r
Nitrobenzene	ND	0.50	58	52	10.9	57	68	17.6	30 - 130	20	
N-Nitrosodimethylamine	ND	0.05	36	34	5.7	36	42	15.4	30 - 130	20	
Pentachlorophenol	ND	0.50	90	73	20.9	87	93	6.7	30 - 130	20	r
Phenanthrene	ND	0.50	63	52	19.1	63	60	4.9	30 - 130	20	
% 2,4,6-Tribromophenol	50	%	73	60	19.5	71	76	6.8	15 - 110	20	
% 2-Fluorobiphenyl	50	%	47	41	13.6	49	50	2.0	30 - 130	20	
% 2-Fluorophenol	37	%	36	33	8.7	36	40	10.5	15 - 110	20	
% Nitrobenzene-d5	47	%	53	47	12.0	50	60	18.2	30 - 130	20	
% Phenol-d5	45	%	42	37	12.7	43	48	11.0	15 - 110	20	
% Terphenyl-d14	62	%	67	54	21.5	64	60	6.5	30 - 130	20	r

Comment:

A LCS and LCS Duplicate were performed in addition to a matrix spike and matrix spike duplicate.

QA/QC Batch 813643 (ug/L), QC Sample No: CU69457 (CU69454, CU69455, CU69456, CU69457, CU69458, CU69459, CU69460, CU69461, CU69462, CU69463, CU69464, CU69465, CU69466)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	102	116	12.8	103	100	3.0	70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	96	106	9.9	106	97	8.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	103	115	11.0	103	97	6.0	70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	103	111	7.5	101	97	4.0	70 - 130	30	
1,1-Dichloroethane	ND	1.0	113	127	11.7	115	105	9.1	70 - 130	30	
1,1-Dichloroethene	ND	1.0	107	120	11.5	117	106	9.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	92	103	11.3	96	89	7.6	70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	102	114	11.1	103	96	7.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	90	104	14.4	96	90	6.5	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	103	115	11.0	110	102	7.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	83	96	14.5	91	83	9.2	70 - 130	30	
1,2-Dibromoethane	ND	1.0	100	115	14.0	101	96	5.1	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	95	105	10.0	96	91	5.3	70 - 130	30	
1,2-Dichloroethane	ND	1.0	95	106	10.9	97	91	6.4	70 - 130	30	
1,2-Dichloropropane	ND	1.0	102	115	12.0	105	99	5.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	102	114	11.1	109	101	7.6	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	99	110	10.5	102	94	8.2	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	99	110	10.5	102	96	6.1	70 - 130	30	
1,4-dioxane	ND	100	110	119	7.9	92	93	1.1	70 - 130	30	
2-Hexanone	ND	5.0	85	101	17.2	97	90	7.5	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	100	108	7.7	106	97	8.9	70 - 130	30	
Acetone	ND	5.0	109	127	15.3	82	66	21.6	70 - 130	30	m
Acrolein	ND	5.0	150	164	8.9	133	114	15.4	70 - 130	30	l,m
Acrylonitrile	ND	5.0	123	134	8.6	120	108	10.5	70 - 130	30	l
Benzene	ND	0.70	102	114	11.1	109	100	8.6	70 - 130	30	
Bromochloromethane	ND	1.0	109	120	9.6	109	97	11.7	70 - 130	30	
Bromodichloromethane	ND	0.50	95	111	15.5	97	92	5.3	70 - 130	30	
Bromoform	ND	1.0	92	106	14.1	93	88	5.5	70 - 130	30	
Bromomethane	ND	1.0	104	128	20.7	87	91	4.5	70 - 130	30	
Carbon Disulfide	ND	1.0	105	120	13.3	114	105	8.2	70 - 130	30	
Carbon tetrachloride	ND	1.0	93	102	9.2	106	97	8.9	70 - 130	30	

QA/QC Data

SDG I.D.: GCU69454

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chlorobenzene	ND	1.0	101	115	13.0	104	99	4.9	70 - 130	30	
Chloroethane	ND	1.0	108	119	9.7	114	103	10.1	70 - 130	30	
Chloroform	ND	1.0	105	116	10.0	108	98	9.7	70 - 130	30	
Chloromethane	ND	1.0	112	125	11.0	117	111	5.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	1.0	101	110	8.5	112	108	3.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.40	105	116	10.0	102	93	9.2	70 - 130	30	
Cyclohexane	ND	5.0	95	107	11.9	116	107	8.1	70 - 130	30	
Dibromochloromethane	ND	0.50	94	108	13.9	93	89	4.4	70 - 130	30	
Dibromomethane	ND	1.0	101	111	9.4	99	94	5.2	70 - 130	30	
Dichlorodifluoromethane	ND	1.0	93	104	11.2	108	98	9.7	70 - 130	30	
Ethylbenzene	ND	1.0	102	120	16.2	115	104	10.0	70 - 130	30	
Hexachlorobutadiene	ND	0.40	82	92	11.5	94	86	8.9	70 - 130	30	
Isopropylbenzene	ND	1.0	97	113	15.2	109	103	5.7	70 - 130	30	
m&p-Xylene	ND	1.0	104	120	14.3	112	108	3.6	70 - 130	30	
Methyl ethyl ketone	ND	5.0	115	126	9.1	118	105	11.7	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	108	121	11.4	104	98	5.9	70 - 130	30	
Methylacetate	ND	2.5	134	144	7.2	112	98	13.3	70 - 130	30	l
Methylcyclohexane	ND	1.0	93	106	13.1	111	106	4.6	70 - 130	30	
Methylene chloride	ND	1.0	110	122	10.3	110	100	9.5	70 - 130	30	
n-Butylbenzene	ND	1.0	100	112	11.3	110	102	7.5	70 - 130	30	
n-Propylbenzene	ND	1.0	99	113	13.2	109	101	7.6	70 - 130	30	
o-Xylene	ND	1.0	98	116	16.8	104	100	3.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	100	114	13.1	112	102	9.3	70 - 130	30	
sec-Butylbenzene	ND	1.0	99	111	11.4	111	102	8.5	70 - 130	30	
Styrene	ND	1.0	108	128	16.9	113	107	5.5	70 - 130	30	
tert-butyl alcohol	ND	10	120	126	4.9	100	102	2.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	96	111	14.5	107	100	6.8	70 - 130	30	
Tetrachloroethene	ND	1.0	90	100	10.5	97	92	5.3	70 - 130	30	
Toluene	ND	1.0	98	110	11.5	105	99	5.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	108	120	10.5	115	102	12.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	111	122	9.4	106	99	6.8	70 - 130	30	
Trichloroethene	ND	1.0	97	108	10.7	108	100	7.7	70 - 130	30	
Trichlorofluoromethane	ND	1.0	94	102	8.2	111	100	10.4	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	105	117	10.8	120	110	8.7	70 - 130	30	
Vinyl chloride	ND	1.0	107	122	13.1	126	115	9.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	112	%	99	98	1.0	98	98	0.0	70 - 130	30	
% Bromofluorobenzene	82	%	96	100	4.1	97	100	3.0	70 - 130	30	
% Dibromofluoromethane	111	%	100	103	3.0	102	94	8.2	70 - 130	30	
% Toluene-d8	107	%	98	98	0.0	96	98	2.1	70 - 130	30	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
December 05, 2025

Friday, December 05, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCU69454 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

December 05, 2025

SDG I.D.: GCU69454

The samples in this delivery group were received at 1.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 1.1 °C Coolant: IPK ☑ ICE ☐ Cooler: Yes ☑ No ☐ / No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone:
Email(s): Erick_Salazar@gbtpa.com

Customer: Gallagher Bassett
Address: 22 IBM Rd, St. 101
Poughkeepsie, NY

Project: 22003-0092
Report to (name): Erick_Salazar@gbtpa.com
Invoice to: GBTS.Payables@gbtpa.com
QUOTE # : BCP Inv. GW sampling

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Elizabeth Ryan Date: 11/6/25

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **X** = Other DI Water **(Must be defined)**

Client Sample - Information - Identification

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10 (8260)	SVOCs +20 (8270)	TAL Metals (diss./undiss)	Cyanides	PCBs/pesticides/herbicides	PFAS (EPA 1633)	1,4-dioxane (8270 SIM)	GL Amber 8 oz. [ ] w/H_3PO_4 [M] $NaHSO_4$ [ ] NH4Cl	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [M] HCl [ ] Na_2SO_3	GL Amber 1000ml [M] As is [ ] H_2SO_4	PL As is [M] 250ml [ ] 500ml [ ] H_2SO_4	PL ~~HNO3~~ 250ml [ ] 500ml [ ] 1000ml HDPE No Preserv	PL HNO3 [M] 250ml [ ] 500ml [ ] 1000ml	PL NAOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is	60 mL PL As is
694454	MW-01 20251106	GW	11/6/2025	10:45		x	x	x	x	x	x	x	1				3	5	3	2	1	1			1
694455	MW-02 20251106	GW	11/6/2025	14:35		x	x	x	x	x	x	x	1				3	5	3	2	1	1			1
694456	MW-03 20251106	GW	11/6/2025	15:00		x	x	x	x	x	x	x	1				3	5	3	2	1	1			1
694457	* MW-04 20251106	GW	11/6/2025	10:45	✓	x	x	x	x	x	x	x	3				9	15	9	6	3	3			3
694458	MW-05 20251106	GW	11/6/2025	11:06		x	x	x	x	x	x	x	1				3	5	3	2	1	1			1
694459	MW-06 20251106	GW	11/6/2025	15:35		x	x	x	x	x	x	x	1				3	5	3	2	1	1			1
694460	DUP-20251106	GW	11/6/2025	—		x	x	x	x	x	x	x	1				3	5	3	2	1	1			1
694461	TB-20251106A	DI	11/6/2025	—		x											2								
694462	TB-20251106B	DI	11/6/2025	—		x											2								
694463	TB-20251106C	DI	11/6/2025	—		x											2								
694464	TB-20251106D	DI	11/6/2025	—		x											2								

Relinquished by:	Accepted by:	Date:	Time:
Elizabeth Ryan	Daveon Lee	11/6/25	16:45
Daveon Lee		11/6/25	19:53

Comments, Special Requirements or Regulations:
MS/MSD parent sample MW-04

* 1 VOA Rec w/cap Broken

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

Data Format:
☒ Phoenix Std Report ☒ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☒ Standard
* SURCHARGE

NJ
☐ SRS Res. Criteria
☐ SRS Non-Res.
☐ SRS Migration to GW
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria GW Criteria

Data Package:
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ Other:

State Samples Collected? NY

Temp 1.1 °C Coolant: IPK ICE Cooler: No No

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone:
Email(s): Erick-salazar@gbtpa.com

Customer: Gallagher Bassett
Address: 22 IBM Rd, St. 101
Poughkeepsie, NY

Project: 22003-0092
Report to (name): Erick_Salazar@gbtpa.com
Invoice to: GBTS.Payables@gbtpa.com
QUOTE # : BCP Inv. GW sampling

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Elyssa Ray Date: 11/6/25

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **X** = Other DI Water **(Must be defined)**

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs +10 (8260)	SVOCs +20 (8270)	TAL Metals (diss./undiss)	Cyanides	PCBs/pesticides/herbicides	PFAS (EPA 1633)	1,4-dioxane (8270 SIM)	GL Amber 8 oz. [ ] w/H_3PO_4 [✓] $NaHSO_4$ [ ] NH4C	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL [ ] 250ml [✓] 500ml	PL HNO_3 [ ] 250ml [ ] 1000ml	PL NAOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
																						As-5		
694465	TB-20251106E	DI	11/6/2025	—		X										2								
694466	TB-20251106F	DI	11/6/2025	—		X										2								
694467	FB-20251106	DI	11/6/2025	7:49						X									2					
694468	EB-20251106A	DI	11/6/2025	11:38						X									2					
694469	EB-20251106B	DI	11/6/2025	11:43							X		1											

Relinquished by:	Accepted by:	Date:	Time:
		11/6/25	16:45
		11/6/25	19:53

Comments, Special Requirements or Regulations:

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Data Format:
- [x] Phoenix Std Report
- [x] Excel
- [ ] PDF
- [ ] GIS/Key
- [x] EQuIS
- [ ] NJ Hazsite EDD
- [ ] NY EZ EDD (ASP)
- [ ] Other

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] 4 Days*
- [ ] 5 Days*
- [x] Standard

* SURCHARGE

Data Package:
- [ ] NJ Reduced Deliv. *
- [x] NY Enhanced (ASP B) *
- [ ] Other

NJ
- [ ] SRS Res. Criteria
- [ ] SRS Non-Res.
- [ ] SRS Migration to GW
- [ ] Impact to GW Soil Cleanup Criteria
- [ ] Impact to GW soil screen Criteria GW Criteria

NY
- [ ] TOGS GW
- [ ] CP-51 SOIL
- [ ] 375SCO Unrestricted Soil
- [ ] 375SCO Residential Soil
- [ ] 375SCO Residential
- [ ] 375SCO Commercial Soil
- [ ] 375SCO Industrial Soil
- [ ] Subpart 5 DW

PA
- [ ] Clean Fill Limits
- [ ] PA-GW
- [ ] Reg Fill Limits
- [ ] Other:

State Samples Collected? NY

6CU69454

Tara Banning

From: Tara Banning
Sent: Thursday, November 6, 2025 5:22 PM
To: 'erick_salazar@gbtpa.com'
Subject: 22003-0092
Attachments: 20251106171936.pdf

Importance: High

Hello,

We will be receiving samples from the above mentioned project at the lab tonight. We only require 1 set of trip blanks per COC project. Is it alright if we only run one of the trip blanks provided?

Thank you,

Tara Banning
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040
860-645-1102
www.phoenixlabs.com

PHOENIX
Environmental Laboratories, Inc.

GCU69454

Tara Banning

From: Scott Spitzer <scott_spitzer@gbtpa.com>
Sent: Friday, November 7, 2025 8:36 AM
To: Erick Salazar; Tara Banning
Cc: Richard Hooker
Subject: RE: 22003-0092

Good morning, the NYSDEC-approved QAPP calls for one TB per cooler. Please invoice us as needed for any extra costs as makes sense. Thanks for helping us keep NYSDEC happy.

Scott

Scott Spitzer | Technical Director, Environmental Consulting | Gallagher Bassett Technical Services
22 IBM Road, Suite 101, Poughkeepsie, NY 12601
O: 845-452-1658 | **D:** 845-867-4717 | **M:** 518-708-4871
E: scott_spitzer@gbtpa.com
Alternate Point of Contact: richard_hooker@gbtpa.com | 845-867-4715

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From: Erick Salazar <erick_salazar@gbtpa.com>
Sent: Thursday, November 6, 2025 5:28 PM
To: Tara Banning <tara@phoenixlabs.com>; Scott Spitzer <scott_spitzer@gbtpa.com>
Cc: Richard Hooker <richard_hooker@gbtpa.com>
Subject: RE: 22003-0092

Tara,

The work plan we are following requires a trip blank for each cooler and I believe there were many coolers for this one given the number of wells and analysis requested. I will defer the final decision to our Director of Investigations @Scott Spitzer (copied) but I believe we will need all four trip blanks analyzed.

Best regards,
Erick Salazar, CHMM | Senior Project Manager | Gallagher Basset Technical Services
22 IBM Road, Suite 101, Poughkeepsie, NY 12601
Direct: 845-867-4716 | **Office:** 845-452-1658
E: erick_salazar@gbtpa.com
Alternate Point of Contact: Richard Hooker at richard_hooker@gbtpa.com

From: Tara Banning <tara@phoenixlabs.com>
Sent: Thursday, November 6, 2025 5:22 PM
To: Erick Salazar <erick_salazar@gbtpa.com>
Subject: 22003-0092
Importance: High

Hello,

We will be receiving samples from the above mentioned project at the lab tonight. We only require 1 set of trip blanks per COC project. Is it alright if we only run one of the trip blanks provided?

Thank you,

Tara Banning
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040
860-645-1102
www.phoenixlabs.com

Helen Geoghegan
Phoenix Environmental Laboratories
587 East Middle Turnpike
PO BOX 370
Manchester,CT 06040

Lab Login Number:	SS6706
Project Name:	GCU69454
Project Manager:	Heather Manz
Sample Receipt Date(s):	November 10, 2025

The following information is enclosed:

* Report of Analysis (Analytical and/or Field)
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. If requested, the original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. The results contained in this report relate only to the submitted samples. This cover letter is an integral part of the ROA.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Please go to https://www.sgs-ehsusa.com/katahdin-certifications for copies of current certificates and analyte lists.



Jennifer Prescott - Quality Assurance Officer

11/25/2025
Date

NARRATIVE
SGS NORTH AMERICA, INC. - SCARBOROUGH
PHOENIX ENVIRONMENTAL LABORATORIES
GCU69454
SS6706

Sample Receipt

The following samples were received on November 10, 2025 and were logged in under SGS-Scarborough work order number SS6706 for a hardcopy due date of November 24, 2025.

SGS-SCARBOROUGH	PHOENIX
Sample No.	Sample Identification
SS6706-1	MW-01-20251106
SS6706-2	MW-02-20251106
SS6706-3	MW-03-20251106
SS6706-4	MW-04-20251106
SS6706-5	MW-05-20251106
SS6706-6	MW-06-20251106
SS6706-7	DUP-20251106
SS6706-8	FB-20251106
SS6706-9	EB-20251106A

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAP standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your SGS Project Manager, **Heather Manz**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of Work Order SS6706 were analyzed in accordance with "Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS", EPA 820/R-24-007, December 2024, and/or for the specific methods listed below or on the Report of Analysis.

1633A Analysis

Sample SS6706-2 had a low recovery for the extracted internal standard (EIS): M-PFOS-13C8 that was outside acceptance criteria.

Samples SS6706-1, -2, -2RERA2, -3, -4 and -6 had ion ratios for the target analyte PFOS that were outside ion ratio criteria.

All samples were manually integrated for various analytes.

The continuing calibration verification (file 1LC08635, 3LC04660) had high recoveries for the target analytes NFDHA and/or PFEESA that were outside acceptance limits.

The LCS, WG379818-3, had a high recovery for the target analyte PFOS that was outside acceptance limits.

There were no other protocol deviations or observations noted by the organics laboratory staff.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Quality Assurance Officer, or their designee, as verified by the following signature.



11/25/2025

Jennifer Prescott
Quality Assurance Officer

SGS NORTH AMERICA, INC. - SCARBOROUGH
ORGANIC DATA QUALIFIERS

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL, "U" LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery or percent RPD (relative percent difference) was outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Level (PQL) (also called Limit of Quantitation (LOQ)), but above the Method Detection Limit (MDL).

And/or

J Used for Dual Column analytes when there is a greater than 40% difference for detected concentrations between the two GC/HPLC columns.

And/or

J Used for LCS/MS/MS analysis. Per method E1633, if the EIS recovery is <5% but has a S/N ≥ 20:1, the analyte result may have some utility as an estimated value.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

I Indicates that the flagged compound did not meet DoD criteria in the corresponding Initial Calibration (ICAL).

D Indicates that the flagged compound did not meet DoD criteria in the corresponding Initial Calibration Verification (ICV).

C Indicates that the flagged compound did not meet DoD criteria in the corresponding opening Calibration Verification (CV).

V Indicates that the flagged compound did not meet DoD criteria in the corresponding closing Calibration Verification (CV).

L/LL Indicates that the flagged compound did not meet criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M/MM Indicates that the flagged compound did not meet criteria in the Matrix Spike (MS) and/or Matrix Spike Duplicate MSD) prepared and/or analyzed concurrently with the native sample.

H Indicates the flagged compound was detected on the primary column but was not detected on the confirmation column therefore the compound is not reported as a positive detection. (SW846 8330A/B only)

SGS North America, Inc. -Scarborough
Cross-Reference of PFA Analytes

Analyte Name	Abbreviation	CAS Number
Perfluoroalkyl carboxylic acids		
Perfluorobutanoic acid	PFBA	375-22-4
Perfluoropentanoic acid	PFPeA	2706-90-3
Perfluorohexanoic acid	PFHxA	307-24-4
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorononanoic acid	PFNA	375-95-1
Perfluorodecanoic acid	PFDA	335-76-2
Perfluoroundecanoic acid	PFUnA	2058-94-8
Perfluorododecanoic acid	PFDoA	307-55-1
Perfluorotridecanoic acid	PFTrDA	72629-94-8
Perfluorotetradecanoic acid	PFTeDA	376-06-7
Perfluoroalkyl sulfonic acids, Acid Form		
Perfluorobutanesulfonic acid	PFBS	375-73-5
Perfluoropentansulfonic acid	PFPeS	2706-91-4
Perfluorohexanesulfonic acid	PFHxS	355-46-4
Perfluoroheptanesulfonic acid	PFHpS	375-92-8
Perfluorooctanesulfonic acid	PFOS	1763-23-1
Perfluorononanesulfonic acid	PFNS	68259-12-1
Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluorododecanesulfonic acid	PFDoS	79780-39-5
Fluorotelomer sulfonic acids		
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	4:2FTS	757124-72-4
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	6:2FTS	27619-97-2
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	8:2FTS	39108-34-4
Perfluorooctane sulfonamides		
Perfluorooctanesulfonamide	PFOSA	754-91-6
N-methyl perfluorooctanesulfonamide	NMeFOSA	31506-32-8
N-ethyl perfluorooctanesulfonamide	NEtFOSA	4151-50-2
Perfluorooctane sulfonamidoacetic acids		
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2355-31-9
N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2991-50-6
Perfluorooctane sulfonamide ethanols		
N-methyl perfluorooctanesulfonamidoethanol	NMeFOSE	24448-09-7
N-ethyl perfluorooctanesulfonamidoethanol	NEtFOSE	1691-99-2
Per- and Polyfluoroether carboxylic acids		
Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6
4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
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
Ether sulfonic acids		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS	756426-58-1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9
Perfluoro(2-ethoxyethane)sulfonic acid	PFEESA	113507-82-7
Fluorotelomer carboxylic acids		
3-Perfluoropropyl propanoic acid	3:3FTCA	356-02-5
2H,2H,3H,3H-Perfluorooctanoic acid	5:3FTCA	914637-49-3
3-Perfluoroheptyl propanoic acid	7:3FTCA	812-70-4

Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-1
Client ID: MW-01-20251106
Matrix: AQ
Lab File ID: 1LC08598

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	8.33	ng/L	1	8	8.33	1.31
3:3FTCA	U	10.4	ng/L	1	10	10.4	2.68
4:2 FTS	U	8.33	ng/L	1	8	8.33	2.23
5:3FTCA	U	52.0	ng/L	1	50	52.0	10.5
6:2 FTS	U	8.33	ng/L	1	8	8.33	2.27
7:3FTCA	U	52.0	ng/L	1	50	52.0	11.4
8:2 FTS	U	8.33	ng/L	1	8	8.33	1.20
9Cl-PF3ONS	U	8.33	ng/L	1	8	8.33	1.56
ADONA	U	8.33	ng/L	1	8	8.33	3.09
GenX (HFPO-DA)	U	8.33	ng/L	1	8	8.33	4.11
NEtFOSA	U	2.08	ng/L	1	2	2.08	0.187
NEtFOSAA	U	2.08	ng/L	1	2	2.08	0.770
NEtFOSE	U	20.8	ng/L	1	20	20.8	5.34
NFDHA	U	4.16	ng/L	1	4	4.16	1.56
NMeFOSA	U	2.08	ng/L	1	2	2.08	0.239
NMeFOSAA	U	2.08	ng/L	1	2	2.08	0.812
NMeFOSE	U	20.8	ng/L	1	20	20.8	6.18
PFBA		28.9	ng/L	1	8	8.33	2.61
PFBS		2.73	ng/L	1	2	2.08	0.760
PFDA	U	2.08	ng/L	1	2	2.08	0.749
PFDoA	U	2.08	ng/L	1	2	2.08	0.416
PFDoS	U	2.08	ng/L	1	2	2.08	0.510
PFDS	U	2.08	ng/L	1	2	2.08	0.437
PFEESA	U	4.16	ng/L	1	4	4.16	1.40
PFHpA		38.4	ng/L	1	2	2.08	0.552
PFHpS	U	2.08	ng/L	1	2	2.08	0.406
PFHxA		41.5	ng/L	1	2	2.08	0.656
Total PFHxS		4.17	ng/L	1	2	2.08	0.125
PFMBA	U	4.16	ng/L	1	4	4.16	1.25
PFMPA	U	4.16	ng/L	1	4	4.16	1.33
Total PFNA	J	1.81	ng/L	1	2	2.08	0.239
PFNS	U	2.08	ng/L	1	2	2.08	0.572
Total PFOA		106	ng/L	1	2	2.08	0.146
PFOS	J	1.18	ng/L	1	2	2.08	0.552
PFOSA	U	2.08	ng/L	1	2	2.08	0.739

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-1
Client ID: MW-01-20251106
Matrix: AQ
Lab File ID: 1LC08598

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA		100	ng/L	1	4	4.16	1.23
PFPeS	J	1.04	ng/L	1	2	2.08	0.645
PFTeDA	U	2.08	ng/L	1	2	2.08	0.385
PFTrDA	U	2.08	ng/L	1	2	2.08	0.593
PFUnA	U	2.08	ng/L	1	2	2.08	0.468
M-4:2 FTS-13C2		102.	%				
M-6:2 FTS-13C2		93.5	%				
M-8:2 FTS-13C2		81.4	%				
M-GenX-13C3 (HFPO-DA)		94.9	%				
M-NEtFOSAA-D5		62.0	%				
M-NEtFOSA-D5		44.0	%				
M-NEtFOSE-D9		67.8	%				
M-NMeFOSAA-D3		72.0	%				
M-NMeFOSA-D3		45.1	%				
M-NMeFOSE-D7		69.6	%				
M-PFBA-13C4		96.2	%				
M-PFBS-13C3		94.1	%				
M-PFDA-13C6		90.1	%				
M-PFDoA-13C2		80.6	%				
M-PFHpA-13C4		87.5	%				
M-PFHxA-13C5		82.5	%				
M-PFHxS-13C3		91.2	%				
M-PFNA-13C9		96.7	%				
M-PFOA-13C8		93.7	%				
M-PFOS-13C8		77.5	%				
M-PFOSA-13C8		77.8	%				
M-PFPeA-13C5		102.	%				
M-PFTeDA-13C2		84.8	%				
M-PFUnA-13C7		92.2	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-1
Client ID: MW-01-20251106
Lab File ID: 1LC08598

ICAL Midpoint: WG379618-4
ICAL MP File ID: 1LC08567
Opening CV: WG379618-15
Opening CV File ID: 1LC08576

Analysis Date: 12-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		272	10		-	-
PFBS		38	3	2.67	1.158-3.47	1.321-3.96
PFHpA		548	3	2.352	1.176-3.52	1.145-3.43
PFHxA		678	3	8.354	4.137-12.4	4.253-12.7
PFHxS		545	3	1.843	.889-2.666	.909-2.727
PFHxS Branched		136	3	2.455	1.268-3.80	1.29-3.87
PFNA		98	3	3.018	1.427-4.28	1.538-4.61
PFOA		605	3	1.47	.717-2.151	.721-2.163
PFOA Branched		26	3	.809	.416-1.248	.402-1.205
PFOS	I	16	3	2.694	.957-2.871	.867-2.6
PFPeA		528	10		-	-
PFPeS		142	3	2.501	1.244-3.73	1.209-3.62

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-2
Client ID: MW-02-20251106
Matrix: AQ
Lab File ID: 1LC08599

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	8.34	ng/L	1	8	8.34	1.31
3:3FTCA	U	10.4	ng/L	1	10	10.4	2.69
4:2 FTS	U	8.34	ng/L	1	8	8.34	2.23
5:3FTCA	U	52.1	ng/L	1	50	52.1	10.5
6:2 FTS	U	8.34	ng/L	1	8	8.34	2.27
7:3FTCA	U	52.1	ng/L	1	50	52.1	11.5
8:2 FTS	U	8.34	ng/L	1	8	8.34	1.20
9Cl-PF3ONS	U	8.34	ng/L	1	8	8.34	1.56
ADONA	U	8.34	ng/L	1	8	8.34	3.10
GenX (HFPO-DA)	U	8.34	ng/L	1	8	8.34	4.12
NEtFOSA	U	2.08	ng/L	1	2	2.08	0.188
NEtFOSAA	U	2.08	ng/L	1	2	2.08	0.772
NEtFOSE	U	20.8	ng/L	1	20	20.8	5.35
NFDHA	U	4.17	ng/L	1	4	4.17	1.56
NMeFOSA	U	2.08	ng/L	1	2	2.08	0.240
NMeFOSAA	U	2.08	ng/L	1	2	2.08	0.813
NMeFOSE	U	20.8	ng/L	1	20	20.8	6.19
PFBA		23.1	ng/L	1	8	8.34	2.62
PFBS		3.31	ng/L	1	2	2.08	0.761
PFDA	U	2.08	ng/L	1	2	2.08	0.751
PFDoA	U	2.08	ng/L	1	2	2.08	0.417
PFDoS	U	2.08	ng/L	1	2	2.08	0.511
PFDS	U	2.08	ng/L	1	2	2.08	0.438
PFEESA	U	4.17	ng/L	1	4	4.17	1.41
PFHpA		48.6	ng/L	1	2	2.08	0.553
PFHpS	U	2.08	ng/L	1	2	2.08	0.407
PFHxA		75.2	ng/L	1	2	2.08	0.657
Total PFHxS		3.42	ng/L	1	2	2.08	0.125
PFMBA	U	4.17	ng/L	1	4	4.17	1.25
PFMPA	U	4.17	ng/L	1	4	4.17	1.33
Total PFNA	U	2.08	ng/L	1	2	2.08	0.240
PFNS	U	2.08	ng/L	1	2	2.08	0.574
Total PFOA		70.5	ng/L	1	2	2.08	0.146
PFOS		2.83	ng/L	1	2	2.08	0.553
PFOSA	U	2.08	ng/L	1	2	2.08	0.740

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-2
Client ID: MW-02-20251106
Matrix: AQ
Lab File ID: 1LC08599

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA		85.7	ng/L	1	4	4.17	1.23
PFPeS	J	1.14	ng/L	1	2	2.08	0.647
PFTeDA	U	2.08	ng/L	1	2	2.08	0.386
PFTrDA	U	2.08	ng/L	1	2	2.08	0.594
PFUnA	U	2.08	ng/L	1	2	2.08	0.469
M-4:2 FTS-13C2		60.2	%				
M-6:2 FTS-13C2		52.1	%				
M-8:2 FTS-13C2		44.2	%				
M-GenX-13C3 (HFPO-DA)		57.7	%				
M-NEtFOSAA-D5		41.0	%				
M-NEtFOSA-D5		18.1	%				
M-NEtFOSE-D9		41.3	%				
M-NMeFOSAA-D3		48.5	%				
M-NMeFOSA-D3		18.9	%				
M-NMeFOSE-D7		42.7	%				
M-PFBA-13C4		96.1	%				
M-PFBS-13C3		53.8	%				
M-PFDA-13C6		51.4	%				
M-PFDoA-13C2		49.9	%				
M-PFHpA-13C4		50.7	%				
M-PFHxA-13C5		48.9	%				
M-PFHxS-13C3		40.9	%				
M-PFNA-13C9		49.7	%				
M-PFOA-13C8		52.3	%				
M-PFOS-13C8	*	38.1	%				
M-PFOSA-13C8		43.0	%				
M-PFPeA-13C5		64.2	%				
M-PFTeDA-13C2		51.1	%				
M-PFUnA-13C7		55.6	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-2
Client ID: MW-02-20251106
Lab File ID: 1LC08599

ICAL Midpoint: WG379618-4
ICAL MP File ID: 1LC08567
Opening CV: WG379618-15
Opening CV File ID: 1LC08576

Analysis Date: 12-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		205	10		-	-
PFBS		25	3	2.628	1.158-3.47	1.321-3.96
PFHpA		467	3	2.346	1.176-3.52	1.145-3.43
PFHxA		856	3	8.121	4.137-12.4	4.253-12.7
PFHxS		420	3	1.815	.889-2.666	.909-2.727
PFHxS Branched		126	3	2.477	1.268-3.80	1.29-3.87
PFOA		550	3	1.442	.717-2.151	.721-2.163
PFOA Branched		32	3	.852	.416-1.248	.402-1.205
PFOS	CI	19	3	4.024	.957-2.871	.867-2.6
PFPeA		456	10		-	-
PFPeS		64	3	2.548	1.244-3.73	1.209-3.62

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-2RERA2
Client ID: MW-02-20251106
Matrix: AQ
Lab File ID: 3LC04743

Sample Date: 06-NOV-25
Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Report Date: 24-NOV-25
Analysis Date: 20-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	8.09	ng/L	1	8	8.09	1.27
3:3FTCA	U	10.1	ng/L	1	10	10.1	2.61
4:2 FTS	U	8.09	ng/L	1	8	8.09	2.16
5:3FTCA	U	50.5	ng/L	1	50	50.5	10.2
6:2 FTS	U	8.09	ng/L	1	8	8.09	2.20
7:3FTCA	U	50.5	ng/L	1	50	50.5	11.1
8:2 FTS	U	8.09	ng/L	1	8	8.09	1.16
9Cl-PF3ONS	U	8.09	ng/L	1	8	8.09	1.52
ADONA	U	8.09	ng/L	1	8	8.09	3.00
GenX (HFPO-DA)	U	8.09	ng/L	1	8	8.09	3.99
NEtFOSA	U	2.02	ng/L	1	2	2.02	0.182
NEtFOSAA	U	2.02	ng/L	1	2	2.02	0.748
NEtFOSE	U	20.2	ng/L	1	20	20.2	5.18
NFDHA	U	4.04	ng/L	1	4	4.04	1.52
NMeFOSA	U	2.02	ng/L	1	2	2.02	0.232
NMeFOSAA	U	2.02	ng/L	1	2	2.02	0.788
NMeFOSE	U	20.2	ng/L	1	20	20.2	6.00
PFBA		16.8	ng/L	1	8	8.09	2.54
PFBS		2.25	ng/L	1	2	2.02	0.738
PFDA	U	2.02	ng/L	1	2	2.02	0.728
PFDoA	U	2.02	ng/L	1	2	2.02	0.404
PFDoS	U	2.02	ng/L	1	2	2.02	0.495
PFDS	U	2.02	ng/L	1	2	2.02	0.424
PFEESA	U	4.04	ng/L	1	4	4.04	1.36
PFHpA		35.9	ng/L	1	2	2.02	0.536
PFHpS	U	2.02	ng/L	1	2	2.02	0.394
PFHxA		53.6	ng/L	1	2	2.02	0.637
Total PFHxS		2.52	ng/L	1	2	2.02	0.121
PFMBA	U	4.04	ng/L	1	4	4.04	1.21
PFMPA	U	4.04	ng/L	1	4	4.04	1.29
Total PFNA	U	2.02	ng/L	1	2	2.02	0.232
PFNS	U	2.02	ng/L	1	2	2.02	0.556
Total PFOA		55.5	ng/L	1	2	2.02	0.142
PFOS	L	2.39	ng/L	1	2	2.02	0.536
PFOSA	U	2.02	ng/L	1	2	2.02	0.718

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-2RERA2
Client ID: MW-02-20251106
Matrix: AQ
Lab File ID: 3LC04743

Sample Date: 06-NOV-25
Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Report Date: 24-NOV-25
Analysis Date: 20-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA		61.4	ng/L	1	4	4.04	1.19
PFPeS	J	0.810	ng/L	1	2	2.02	0.627
PFTeDA	U	2.02	ng/L	1	2	2.02	0.374
PFTrDA	U	2.02	ng/L	1	2	2.02	0.576
PFUnA	U	2.02	ng/L	1	2	2.02	0.455
M-4:2 FTS-13C2		103.	%				
M-6:2 FTS-13C2		95.0	%				
M-8:2 FTS-13C2		87.6	%				
M-GenX-13C3 (HFPO-DA)		104.	%				
M-NEtFOSAA-D5		42.8	%				
M-NEtFOSA-D5		42.0	%				
M-NEtFOSE-D9		68.1	%				
M-NMeFOSAA-D3		83.5	%				
M-NMeFOSA-D3		42.2	%				
M-NMeFOSE-D7		74.8	%				
M-PFBA-13C4		97.4	%				
M-PFBS-13C3		111.	%				
M-PFDA-13C6		94.4	%				
M-PFDoA-13C2		85.8	%				
M-PFHpA-13C4		99.1	%				
M-PFHxA-13C5		102.	%				
M-PFHxS-13C3		100.	%				
M-PFNA-13C9		100.	%				
M-PFOA-13C8		100.	%				
M-PFOS-13C8		90.0	%				
M-PFOSA-13C8		79.8	%				
M-PFPeA-13C5		109.	%				
M-PFTeDA-13C2		69.7	%				
M-PFUnA-13C7		98.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-2RERA2
Client ID: MW-02-20251106
Lab File ID: 3LC04743

ICAL Midpoint: WG379965-4
ICAL MP File ID: 3LC04653
Opening CV: WG380015-10
Opening CV File ID: 3LC04754

Analysis Date: 20-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		151	10		-	-
PFBS		19	3	1.922	.985-2.955	.95-2.849
PFHpA		464	3	2.152	1.092-3.27	1.083-3.24
PFHxA		574	3	8.636	4.371-13.1	4.213-12.6
PFHxS		241	3	1.566	.771-2.313	.776-2.328
PFHxS Branched		88	3	2.247	1.043-3.12	1.09-3.269
PFOA		396	3	1.747	.855-2.565	.854-2.562
PFOA Branched		46	3	1.011	.488-1.464	.48-1.439
PFOS	CI	263	3	3.473	.79-2.369	.784-2.352
PFPeA		551	10		-	-
PFPeS		74	3	1.772	.856-2.567	.89-2.67

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-3
Client ID: MW-03-20251106
Matrix: AQ
Lab File ID: 1LC08600

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.85	ng/L	1	8	7.85	1.24
3:3FTCA	U	9.81	ng/L	1	10	9.81	2.53
4:2 FTS	U	7.85	ng/L	1	8	7.85	2.10
5:3FTCA	U	49.1	ng/L	1	50	49.1	9.91
6:2 FTS	U	7.85	ng/L	1	8	7.85	2.14
7:3FTCA	U	49.1	ng/L	1	50	49.1	10.8
8:2 FTS	U	7.85	ng/L	1	8	7.85	1.13
9Cl-PF3ONS	U	7.85	ng/L	1	8	7.85	1.47
ADONA	U	7.85	ng/L	1	8	7.85	2.91
GenX (HFPO-DA)	U	7.85	ng/L	1	8	7.85	3.88
NEtFOSA	J	0.564	ng/L	1	2	1.96	0.177
NEtFOSAA	U	1.96	ng/L	1	2	1.96	0.726
NEtFOSE	U	19.6	ng/L	1	20	19.6	5.03
NFDHA	U	3.92	ng/L	1	4	3.92	1.47
NMeFOSA	J	0.426	ng/L	1	2	1.96	0.226
NMeFOSAA	U	1.96	ng/L	1	2	1.96	0.765
NMeFOSE	U	19.6	ng/L	1	20	19.6	5.83
PFBA		9.69	ng/L	1	8	7.85	2.46
PFBS		4.88	ng/L	1	2	1.96	0.716
PFDA	U	1.96	ng/L	1	2	1.96	0.706
PFDoA	U	1.96	ng/L	1	2	1.96	0.392
PFDoS	U	1.96	ng/L	1	2	1.96	0.481
PFDS	U	1.96	ng/L	1	2	1.96	0.412
PFEESA	U	3.92	ng/L	1	4	3.92	1.32
PFHpA	J	0.617	ng/L	1	2	1.96	0.520
PFHpS	U	1.96	ng/L	1	2	1.96	0.383
PFHxA	J	1.06	ng/L	1	2	1.96	0.618
Total PFHxS	J	1.88	ng/L	1	2	1.96	0.118
PFMBA	U	3.92	ng/L	1	4	3.92	1.18
PFMPA	U	3.92	ng/L	1	4	3.92	1.26
Total PFNA	U	1.96	ng/L	1	2	1.96	0.226
PFNS	U	1.96	ng/L	1	2	1.96	0.540
Total PFOA		5.26	ng/L	1	2	1.96	0.137
PFOS		2.17	ng/L	1	2	1.96	0.520
PFOSA	U	1.96	ng/L	1	2	1.96	0.697

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-3
Client ID: MW-03-20251106
Matrix: AQ
Lab File ID: 1LC08600

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	J	1.72	ng/L	1	4	3.92	1.16
PFPeS	U	1.96	ng/L	1	2	1.96	0.608
PFTeDA	U	1.96	ng/L	1	2	1.96	0.363
PFTrDA	U	1.96	ng/L	1	2	1.96	0.559
PFUnA	U	1.96	ng/L	1	2	1.96	0.442
M-4:2 FTS-13C2		116.	%				
M-6:2 FTS-13C2		72.4	%				
M-8:2 FTS-13C2		62.3	%				
M-GenX-13C3 (HFPO-DA)		66.6	%				
M-NEtFOSAA-D5		48.4	%				
M-NEtFOSA-D5		29.3	%				
M-NEtFOSE-D9		46.3	%				
M-NMeFOSAA-D3		56.8	%				
M-NMeFOSA-D3		33.2	%				
M-NMeFOSE-D7		46.3	%				
M-PFBA-13C4		95.2	%				
M-PFBS-13C3		74.5	%				
M-PFDA-13C6		62.0	%				
M-PFDoA-13C2		46.9	%				
M-PFHpA-13C4		65.3	%				
M-PFHxA-13C5		62.2	%				
M-PFHxS-13C3		71.4	%				
M-PFNA-13C9		69.7	%				
M-PFOA-13C8		73.0	%				
M-PFOS-13C8		68.9	%				
M-PFOSA-13C8		61.5	%				
M-PFPeA-13C5		79.8	%				
M-PFTeDA-13C2		47.2	%				
M-PFUnA-13C7		56.1	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-3
Client ID: MW-03-20251106
Lab File ID: 1LC08600

ICAL Midpoint: WG379618-4
ICAL MP File ID: 1LC08567
Opening CV: WG379618-15
Opening CV File ID: 1LC08576

Analysis Date: 12-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
NEtFOSA		19	3	.514	.25-.75	.25-.749
NMeFOSA		30	3	.607	.281-.842	.279-.837
PFBA		23	10		-	-
PFBS		30	3	2.432	1.158-3.47	1.321-3.96
PFHpA		17	3	2.297	1.176-3.52	1.145-3.43
PFHxA		9	3	8.959	4.137-12.4	4.253-12.7
PFHxS		309	3	1.962	.889-2.666	.909-2.727
PFHxS Branched		13	3	2.42	1.268-3.80	1.29-3.87
PFOA		172	3	1.444	.717-2.151	.721-2.163
PFOA Branched		7	3	.737	.416-1.248	.402-1.205
PFOS	CI	36	3	3.758	.957-2.871	.867-2.6
PFPeA		23	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-4
Client ID: MW-04-20251106
Matrix: AQ
Lab File ID: 1LC08601

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.73	ng/L	1	8	7.73	1.22
3:3FTCA	U	9.66	ng/L	1	10	9.66	2.49
4:2 FTS	U	7.73	ng/L	1	8	7.73	2.07
5:3FTCA	U	48.3	ng/L	1	50	48.3	9.76
6:2 FTS	U	7.73	ng/L	1	8	7.73	2.11
7:3FTCA	U	48.3	ng/L	1	50	48.3	10.6
8:2 FTS	U	7.73	ng/L	1	8	7.73	1.11
9Cl-PF3ONS	U	7.73	ng/L	1	8	7.73	1.45
ADONA	U	7.73	ng/L	1	8	7.73	2.87
GenX (HFPO-DA)	U	7.73	ng/L	1	8	7.73	3.82
NEtFOSA	U	1.93	ng/L	1	2	1.93	0.174
NEtFOSAA	U	1.93	ng/L	1	2	1.93	0.715
NEtFOSE	U	19.3	ng/L	1	20	19.3	4.96
NFDHA	U	3.86	ng/L	1	4	3.86	1.45
NMeFOSA	U	1.93	ng/L	1	2	1.93	0.222
NMeFOSAA	U	1.93	ng/L	1	2	1.93	0.754
NMeFOSE	U	19.3	ng/L	1	20	19.3	5.74
PFBA	J	3.82	ng/L	1	8	7.73	2.42
PFBS	J	1.63	ng/L	1	2	1.93	0.705
PFDA	U	1.93	ng/L	1	2	1.93	0.696
PFDoA	U	1.93	ng/L	1	2	1.93	0.386
PFDoS	U	1.93	ng/L	1	2	1.93	0.473
PFDS	U	1.93	ng/L	1	2	1.93	0.406
PFEESA	U	3.86	ng/L	1	4	3.86	1.30
PFHpA	U	1.93	ng/L	1	2	1.93	0.512
PFHpS	U	1.93	ng/L	1	2	1.93	0.377
PFHxA	U	1.93	ng/L	1	2	1.93	0.609
Total PFHxS	J	0.534	ng/L	1	2	1.93	0.116
PFMBA	U	3.86	ng/L	1	4	3.86	1.16
PFMPA	U	3.86	ng/L	1	4	3.86	1.24
Total PFNA	U	1.93	ng/L	1	2	1.93	0.222
PFNS	U	1.93	ng/L	1	2	1.93	0.531
Total PFOA	U	1.93	ng/L	1	2	1.93	0.135
PFOS	J	0.830	ng/L	1	2	1.93	0.512
PFOSA	U	1.93	ng/L	1	2	1.93	0.686

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-4
Client ID: MW-04-20251106
Matrix: AQ
Lab File ID: 1LC08601

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.86	ng/L	1	4	3.86	1.14
PFPeS	U	1.93	ng/L	1	2	1.93	0.599
PFTeDA	U	1.93	ng/L	1	2	1.93	0.357
PFTrDA	U	1.93	ng/L	1	2	1.93	0.551
PFUnA	U	1.93	ng/L	1	2	1.93	0.435
M-4:2 FTS-13C2		85.3	%				
M-6:2 FTS-13C2		73.7	%				
M-8:2 FTS-13C2		56.7	%				
M-GenX-13C3 (HFPO-DA)		71.5	%				
M-NEtFOSAA-D5		37.7	%				
M-NEtFOSA-D5		23.4	%				
M-NEtFOSE-D9		39.9	%				
M-NMeFOSAA-D3		51.1	%				
M-NMeFOSA-D3		25.3	%				
M-NMeFOSE-D7		42.9	%				
M-PFBA-13C4		95.4	%				
M-PFBS-13C3		78.4	%				
M-PFDA-13C6		56.7	%				
M-PFDoA-13C2		40.1	%				
M-PFHpA-13C4		69.0	%				
M-PFHxA-13C5		65.4	%				
M-PFHxS-13C3		71.9	%				
M-PFNA-13C9		67.9	%				
M-PFOA-13C8		75.5	%				
M-PFOS-13C8		57.3	%				
M-PFOSA-13C8		58.9	%				
M-PFPeA-13C5		83.2	%				
M-PFTeDA-13C2		36.3	%				
M-PFUnA-13C7		49.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-4
Client ID: MW-04-20251106
Lab File ID: 1LC08601

ICAL Midpoint: WG379618-4
ICAL MP File ID: 1LC08567
Opening CV: WG379618-15
Opening CV File ID: 1LC08576

Analysis Date: 12-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		20	10		-	-
PFBS		12	3	2.279	1.158-3.47	1.321-3.96
PFHxS		57	3	1.683	.889-2.666	.909-2.727
PFHxS Branched		8	3	2.512	1.268-3.80	1.29-3.87
PFOS	CI	5	3	3.35	.957-2.871	.867-2.6

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-5
Client ID: MW-05-20251106
Matrix: AQ
Lab File ID: 1LC08602

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.24	ng/L	1	8	7.24	1.14
3:3FTCA	U	9.05	ng/L	1	10	9.05	2.33
4:2 FTS	U	7.24	ng/L	1	8	7.24	1.94
5:3FTCA	U	45.2	ng/L	1	50	45.2	9.14
6:2 FTS	U	7.24	ng/L	1	8	7.24	1.97
7:3FTCA	U	45.2	ng/L	1	50	45.2	9.95
8:2 FTS	U	7.24	ng/L	1	8	7.24	1.04
9Cl-PF3ONS	U	7.24	ng/L	1	8	7.24	1.36
ADONA	U	7.24	ng/L	1	8	7.24	2.69
GenX (HFPO-DA)	U	7.24	ng/L	1	8	7.24	3.57
NEtFOSA	U	1.81	ng/L	1	2	1.81	0.163
NEtFOSAA	U	1.81	ng/L	1	2	1.81	0.670
NEtFOSE	U	18.1	ng/L	1	20	18.1	4.64
NFDHA	U	3.62	ng/L	1	4	3.62	1.36
NMeFOSA	U	1.81	ng/L	1	2	1.81	0.208
NMeFOSAA	U	1.81	ng/L	1	2	1.81	0.706
NMeFOSE	U	18.1	ng/L	1	20	18.1	5.37
PFBA	U	7.24	ng/L	1	8	7.24	2.27
PFBS	U	1.81	ng/L	1	2	1.81	0.660
PFDA	U	1.81	ng/L	1	2	1.81	0.651
PFDoA	U	1.81	ng/L	1	2	1.81	0.362
PFDoS	U	1.81	ng/L	1	2	1.81	0.443
PFDS	U	1.81	ng/L	1	2	1.81	0.380
PFEESA	U	3.62	ng/L	1	4	3.62	1.22
PFHpA	U	1.81	ng/L	1	2	1.81	0.480
PFHpS	U	1.81	ng/L	1	2	1.81	0.353
PFHxA	U	1.81	ng/L	1	2	1.81	0.570
Total PFHxS	U	1.81	ng/L	1	2	1.81	0.108
PFMBA	U	3.62	ng/L	1	4	3.62	1.08
PFMPA	U	3.62	ng/L	1	4	3.62	1.16
Total PFNA	U	1.81	ng/L	1	2	1.81	0.208
PFNS	U	1.81	ng/L	1	2	1.81	0.498
Total PFOA	U	1.81	ng/L	1	2	1.81	0.127
PFOS	U	1.81	ng/L	1	2	1.81	0.480
PFOSA	U	1.81	ng/L	1	2	1.81	0.642

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-5
Client ID: MW-05-20251106
Matrix: AQ
Lab File ID: 1LC08602

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.62	ng/L	1	4	3.62	1.07
PFPeS	U	1.81	ng/L	1	2	1.81	0.561
PFTeDA	U	1.81	ng/L	1	2	1.81	0.335
PFTrDA	U	1.81	ng/L	1	2	1.81	0.516
PFUnA	U	1.81	ng/L	1	2	1.81	0.407
M-4:2 FTS-13C2		77.4	%				
M-6:2 FTS-13C2		74.6	%				
M-8:2 FTS-13C2		56.1	%				
M-GenX-13C3 (HFPO-DA)		76.3	%				
M-NEtFOSAA-D5		38.5	%				
M-NEtFOSA-D5		24.0	%				
M-NEtFOSE-D9		39.1	%				
M-NMeFOSAA-D3		50.1	%				
M-NMeFOSA-D3		28.9	%				
M-NMeFOSE-D7		41.7	%				
M-PFBA-13C4		99.8	%				
M-PFBS-13C3		79.2	%				
M-PFDA-13C6		61.0	%				
M-PFDoA-13C2		43.5	%				
M-PFHpA-13C4		72.1	%				
M-PFHxA-13C5		65.6	%				
M-PFHxS-13C3		73.6	%				
M-PFNA-13C9		69.0	%				
M-PFOA-13C8		74.9	%				
M-PFOS-13C8		64.0	%				
M-PFOSA-13C8		62.8	%				
M-PFPeA-13C5		81.0	%				
M-PFTeDA-13C2		42.0	%				
M-PFUnA-13C7		52.8	%				

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-6
Client ID: MW-06-20251106
Matrix: AQ
Lab File ID: 1LC08603

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.17	ng/L	1	8	7.17	1.13
3:3FTCA	U	8.96	ng/L	1	10	8.96	2.31
4:2 FTS	U	7.17	ng/L	1	8	7.17	1.92
5:3FTCA	U	44.8	ng/L	1	50	44.8	9.05
6:2 FTS	U	7.17	ng/L	1	8	7.17	1.95
7:3FTCA	U	44.8	ng/L	1	50	44.8	9.85
8:2 FTS	U	7.17	ng/L	1	8	7.17	1.03
9Cl-PF3ONS	U	7.17	ng/L	1	8	7.17	1.34
ADONA	U	7.17	ng/L	1	8	7.17	2.66
GenX (HFPO-DA)	U	7.17	ng/L	1	8	7.17	3.54
NEtFOSA	U	1.79	ng/L	1	2	1.79	0.161
NEtFOSAA	U	1.79	ng/L	1	2	1.79	0.663
NEtFOSE	U	17.9	ng/L	1	20	17.9	4.60
NFDHA	U	3.58	ng/L	1	4	3.58	1.34
NMeFOSA	U	1.79	ng/L	1	2	1.79	0.206
NMeFOSAA	U	1.79	ng/L	1	2	1.79	0.699
NMeFOSE	U	17.9	ng/L	1	20	17.9	5.32
PFBA		17.4	ng/L	1	8	7.17	2.25
PFBS		4.33	ng/L	1	2	1.79	0.654
PFDA	U	1.79	ng/L	1	2	1.79	0.645
PFDoA	U	1.79	ng/L	1	2	1.79	0.358
PFDoS	U	1.79	ng/L	1	2	1.79	0.439
PFDS	U	1.79	ng/L	1	2	1.79	0.376
PFEESA	U	3.58	ng/L	1	4	3.58	1.21
PFHpA		5.89	ng/L	1	2	1.79	0.475
PFHpS	U	1.79	ng/L	1	2	1.79	0.349
PFHxA		11.2	ng/L	1	2	1.79	0.564
Total PFHxS		1.89	ng/L	1	2	1.79	0.107
PFMBA	U	3.58	ng/L	1	4	3.58	1.07
PFMPA	U	3.58	ng/L	1	4	3.58	1.15
Total PFNA	J	0.908	ng/L	1	2	1.79	0.206
PFNS	U	1.79	ng/L	1	2	1.79	0.493
Total PFOA		13.6	ng/L	1	2	1.79	0.125
PFOS		4.88	ng/L	1	2	1.79	0.475
PFOSA	U	1.79	ng/L	1	2	1.79	0.636

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-6
Client ID: MW-06-20251106
Matrix: AQ
Lab File ID: 1LC08603

Sample Date: 06-NOV-25
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA		16.4	ng/L	1	4	3.58	1.06
PFPeS	U	1.79	ng/L	1	2	1.79	0.555
PFTeDA	U	1.79	ng/L	1	2	1.79	0.331
PFTrDA	U	1.79	ng/L	1	2	1.79	0.510
PFUnA	U	1.79	ng/L	1	2	1.79	0.403
M-4:2 FTS-13C2		96.9	%				
M-6:2 FTS-13C2		83.6	%				
M-8:2 FTS-13C2		69.9	%				
M-GenX-13C3 (HFPO-DA)		72.2	%				
M-NEtFOSAA-D5		47.2	%				
M-NEtFOSA-D5		27.1	%				
M-NEtFOSE-D9		43.6	%				
M-NMeFOSAA-D3		58.8	%				
M-NMeFOSA-D3		31.0	%				
M-NMeFOSE-D7		44.4	%				
M-PFBA-13C4		94.8	%				
M-PFBS-13C3		77.3	%				
M-PFDA-13C6		64.8	%				
M-PFDoA-13C2		44.6	%				
M-PFHpA-13C4		70.4	%				
M-PFHxA-13C5		65.7	%				
M-PFHxS-13C3		76.9	%				
M-PFNA-13C9		69.4	%				
M-PFOA-13C8		77.3	%				
M-PFOS-13C8		66.1	%				
M-PFOSA-13C8		61.1	%				
M-PFPeA-13C5		84.8	%				
M-PFTeDA-13C2		46.2	%				
M-PFUnA-13C7		59.4	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-6
Client ID: MW-06-20251106
Lab File ID: 1LC08603

ICAL Midpoint: WG379618-4
ICAL MP File ID: 1LC08567
Opening CV: WG379618-15
Opening CV File ID: 1LC08576

Analysis Date: 12-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		57	10		-	-
PFBS		176	3	2.455	1.158-3.47	1.321-3.96
PFHpA		470	3	2.332	1.176-3.52	1.145-3.43
PFHxA		157	3	8.093	4.137-12.4	4.253-12.7
PFHxS		382	3	1.735	.889-2.666	.909-2.727
PFHxS Branched		50	3	2.563	1.268-3.80	1.29-3.87
PFNA		130	3	2.78	1.427-4.28	1.538-4.61
PFOA		300	3	1.443	.717-2.151	.721-2.163
PFOA Branched		63	3	.911	.416-1.248	.402-1.205
PFOS	I	44	3	2.694	.957-2.871	.867-2.6
PFPeA		212	10		-	-

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-7RE
Client ID: DUP-20251106
Matrix: AQ
Lab File ID: 3LC04670

Sample Date: 06-NOV-25
Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Report Date: 24-NOV-25
Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	8.07	ng/L	1	8	8.07	1.27
3:3FTCA	U	10.1	ng/L	1	10	10.1	2.60
4:2 FTS	U	8.07	ng/L	1	8	8.07	2.16
5:3FTCA	U	50.4	ng/L	1	50	50.4	10.2
6:2 FTS	U	8.07	ng/L	1	8	8.07	2.20
7:3FTCA	U	50.4	ng/L	1	50	50.4	11.1
8:2 FTS	U	8.07	ng/L	1	8	8.07	1.16
9Cl-PF3ONS	U	8.07	ng/L	1	8	8.07	1.51
ADONA	U	8.07	ng/L	1	8	8.07	2.99
GenX (HFPO-DA)	U	8.07	ng/L	1	8	8.07	3.98
NEtFOSA	U	2.02	ng/L	1	2	2.02	0.181
NEtFOSAA	U	2.02	ng/L	1	2	2.02	0.746
NEtFOSE	U	20.2	ng/L	1	20	20.2	5.17
NFDHA	U	4.03	ng/L	1	4	4.03	1.51
NMeFOSA	U	2.02	ng/L	1	2	2.02	0.232
NMeFOSAA	U	2.02	ng/L	1	2	2.02	0.786
NMeFOSE	U	20.2	ng/L	1	20	20.2	5.99
PFBA		19.6	ng/L	1	8	8.07	2.53
PFBS		2.13	ng/L	1	2	2.02	0.736
PFDA	U	2.02	ng/L	1	2	2.02	0.726
PFDoA	U	2.02	ng/L	1	2	2.02	0.403
PFDoS	U	2.02	ng/L	1	2	2.02	0.494
PFDS	U	2.02	ng/L	1	2	2.02	0.423
PFEESA	U	4.03	ng/L	1	4	4.03	1.36
PFHpA		26.4	ng/L	1	2	2.02	0.534
PFHpS	U	2.02	ng/L	1	2	2.02	0.393
PFHxA		28.2	ng/L	1	2	2.02	0.635
Total PFHxS		3.04	ng/L	1	2	2.02	0.121
PFMBA	U	4.03	ng/L	1	4	4.03	1.21
PFMPA	U	4.03	ng/L	1	4	4.03	1.29
Total PFNA	J	1.53	ng/L	1	2	2.02	0.232
PFNS	U	2.02	ng/L	1	2	2.02	0.554
Total PFOA		76.3	ng/L	1	2	2.02	0.141
PFOS	J	1.22	ng/L	1	2	2.02	0.534
PFOSA	U	2.02	ng/L	1	2	2.02	0.716

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-7RE
Client ID: DUP-20251106
Matrix: AQ
Lab File ID: 3LC04670

Sample Date: 06-NOV-25
Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Report Date: 24-NOV-25
Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA		63.4	ng/L	1	4	4.03	1.19
PFPeS	J	0.826	ng/L	1	2	2.02	0.625
PFTeDA	U	2.02	ng/L	1	2	2.02	0.373
PFTrDA	U	2.02	ng/L	1	2	2.02	0.575
PFUnA	U	2.02	ng/L	1	2	2.02	0.454
M-4:2 FTS-13C2		97.1	%				
M-6:2 FTS-13C2		87.2	%				
M-8:2 FTS-13C2		72.7	%				
M-GenX-13C3 (HFPO-DA)		90.8	%				
M-NEtFOSAA-D5		50.3	%				
M-NEtFOSA-D5		38.0	%				
M-NEtFOSE-D9		56.6	%				
M-NMeFOSAA-D3		71.4	%				
M-NMeFOSA-D3		40.4	%				
M-NMeFOSE-D7		59.8	%				
M-PFBA-13C4		98.2	%				
M-PFBS-13C3		95.6	%				
M-PFDA-13C6		80.8	%				
M-PFDoA-13C2		64.8	%				
M-PFHpA-13C4		90.9	%				
M-PFHxA-13C5		92.2	%				
M-PFHxS-13C3		89.4	%				
M-PFNA-13C9		82.3	%				
M-PFOA-13C8		90.2	%				
M-PFOS-13C8		74.4	%				
M-PFOSA-13C8		72.7	%				
M-PFPeA-13C5		94.6	%				
M-PFTeDA-13C2		48.9	%				
M-PFUnA-13C7		79.7	%				

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S/N Ratio and Ion Ratio Report

SDG: SS6706
Lab ID: SS6706-7RE
Client ID: DUP-20251106
Lab File ID: 3LC04670

ICAL Midpoint: WG379965-4
ICAL MP File ID: 3LC04653
Opening CV: WG379965-16
Opening CV File ID: 3LC04682

Analysis Date: 19-NOV-25
Analysis Method: 1633A
Matrix: AQ
Report Date: 24-NOV-25

Compound	Qual	S/N Ratio	S/N Limit	Ion Ratio	IR CV Limits	IR IMP Limits
PFBA		373	10		-	-
PFBS		27	3	1.891	.964-2.892	.95-2.849
PFHpA		499	3	2.173	1.068-3.20	1.083-3.24
PFHxA		626	3	8.693	4.216-12.6	4.213-12.6
PFHxS		472	3	1.588	.777-2.33	.776-2.328
PFHxS Branched		55	3	2.201	1.076-3.22	1.09-3.269
PFNA		200	3	2.733	1.323-3.96	1.382-4.14
PFOA		439	3	1.71	.857-2.571	.854-2.562
PFOA Branched		41	3	.992	.474-1.421	.48-1.439
PFOS		62	3	2.257	.851-2.553	.784-2.352
PFPeA		505	10		-	-
PFPeS		196	3	1.717	.908-2.723	.89-2.67

Legend:
I: Ion Ratio outside of ICAL Midpoint Ion Ratio criteria
C: Ion Ratio outside of CCV Ion Ratio criteria
S: S/N below S/N Limit

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-8
Client ID: FB-20251106
Matrix: AQ
Lab File ID: 1LC08667

Sample Date: 06-NOV-25
Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Report Date: 24-NOV-25
Analysis Date: 16-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.23	ng/L	1	8	7.23	1.14
3:3FTCA	U	9.04	ng/L	1	10	9.04	2.33
4:2 FTS	U	7.23	ng/L	1	8	7.23	1.93
5:3FTCA	U	45.2	ng/L	1	50	45.2	9.13
6:2 FTS	U	7.23	ng/L	1	8	7.23	1.97
7:3FTCA	U	45.2	ng/L	1	50	45.2	9.94
8:2 FTS	U	7.23	ng/L	1	8	7.23	1.04
9Cl-PF3ONS	U	7.23	ng/L	1	8	7.23	1.36
ADONA	U	7.23	ng/L	1	8	7.23	2.68
GenX (HFPO-DA)	U	7.23	ng/L	1	8	7.23	3.57
NEtFOSA	U	1.81	ng/L	1	2	1.81	0.163
NEtFOSAA	U	1.81	ng/L	1	2	1.81	0.669
NEtFOSE	U	18.1	ng/L	1	20	18.1	4.64
NFDHA	U	3.62	ng/L	1	4	3.62	1.36
NMeFOSA	U	1.81	ng/L	1	2	1.81	0.208
NMeFOSAA	U	1.81	ng/L	1	2	1.81	0.705
NMeFOSE	U	18.1	ng/L	1	20	18.1	5.37
PFBA	U	7.23	ng/L	1	8	7.23	2.27
PFBS	U	1.81	ng/L	1	2	1.81	0.660
PFDA	U	1.81	ng/L	1	2	1.81	0.651
PFDoA	U	1.81	ng/L	1	2	1.81	0.362
PFDoS	U	1.81	ng/L	1	2	1.81	0.443
PFDS	U	1.81	ng/L	1	2	1.81	0.380
PFEESA	U	3.62	ng/L	1	4	3.62	1.22
PFHpA	U	1.81	ng/L	1	2	1.81	0.479
PFHpS	U	1.81	ng/L	1	2	1.81	0.352
PFHxA	U	1.81	ng/L	1	2	1.81	0.569
Total PFHxS	U	1.81	ng/L	1	2	1.81	0.108
PFMBA	U	3.62	ng/L	1	4	3.62	1.08
PFMPA	U	3.62	ng/L	1	4	3.62	1.16
Total PFNA	U	1.81	ng/L	1	2	1.81	0.208
PFNS	U	1.81	ng/L	1	2	1.81	0.497
Total PFOA	U	1.81	ng/L	1	2	1.81	0.126
PFOS	U	1.81	ng/L	1	2	1.81	0.479
PFOSA	U	1.81	ng/L	1	2	1.81	0.642

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-8
Client ID: FB-20251106
Matrix: AQ
Lab File ID: 1LC08667

Sample Date: 06-NOV-25
Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Report Date: 24-NOV-25
Analysis Date: 16-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.62	ng/L	1	4	3.62	1.07
PFPeS	U	1.81	ng/L	1	2	1.81	0.560
PFTeDA	U	1.81	ng/L	1	2	1.81	0.334
PFTrDA	U	1.81	ng/L	1	2	1.81	0.515
PFUnA	U	1.81	ng/L	1	2	1.81	0.407
M-4:2 FTS-13C2		98.3	%				
M-6:2 FTS-13C2		99.6	%				
M-8:2 FTS-13C2		109.	%				
M-GenX-13C3 (HFPO-DA)		98.2	%				
M-NEtFOSAA-D5		55.1	%				
M-NEtFOSA-D5		33.2	%				
M-NEtFOSE-D9		71.3	%				
M-NMeFOSAA-D3		75.6	%				
M-NMeFOSA-D3		33.4	%				
M-NMeFOSE-D7		72.8	%				
M-PFBA-13C4		101.	%				
M-PFBS-13C3		95.8	%				
M-PFDA-13C6		89.8	%				
M-PFDoA-13C2		69.3	%				
M-PFHpA-13C4		101.	%				
M-PFHxA-13C5		102.	%				
M-PFHxS-13C3		89.5	%				
M-PFNA-13C9		101.	%				
M-PFOA-13C8		98.4	%				
M-PFOS-13C8		80.1	%				
M-PFOSA-13C8		76.8	%				
M-PFPeA-13C5		105.	%				
M-PFTeDA-13C2		58.3	%				
M-PFUnA-13C7		84.2	%				

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-9
Client ID: EB-20251106A
Matrix: AQ
Lab File ID: 1LC08668

Sample Date: 06-NOV-25
Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Report Date: 24-NOV-25
Analysis Date: 16-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	7.78	ng/L	1	8	7.78	1.22
3:3FTCA	U	9.73	ng/L	1	10	9.73	2.51
4:2 FTS	U	7.78	ng/L	1	8	7.78	2.08
5:3FTCA	U	48.6	ng/L	1	50	48.6	9.82
6:2 FTS	U	7.78	ng/L	1	8	7.78	2.12
7:3FTCA	U	48.6	ng/L	1	50	48.6	10.7
8:2 FTS	U	7.78	ng/L	1	8	7.78	1.12
9Cl-PF3ONS	U	7.78	ng/L	1	8	7.78	1.46
ADONA	U	7.78	ng/L	1	8	7.78	2.89
GenX (HFPO-DA)	U	7.78	ng/L	1	8	7.78	3.84
NEtFOSA	U	1.94	ng/L	1	2	1.94	0.175
NEtFOSAA	U	1.94	ng/L	1	2	1.94	0.720
NEtFOSE	U	19.4	ng/L	1	20	19.4	4.99
NFDHA	U	3.89	ng/L	1	4	3.89	1.46
NMeFOSA	U	1.94	ng/L	1	2	1.94	0.224
NMeFOSAA	U	1.94	ng/L	1	2	1.94	0.759
NMeFOSE	U	19.4	ng/L	1	20	19.4	5.78
PFBA	U	7.78	ng/L	1	8	7.78	2.44
PFBS	U	1.94	ng/L	1	2	1.94	0.710
PFDA	U	1.94	ng/L	1	2	1.94	0.700
PFDoA	U	1.94	ng/L	1	2	1.94	0.389
PFDoS	U	1.94	ng/L	1	2	1.94	0.477
PFDS	U	1.94	ng/L	1	2	1.94	0.408
PFEESA	U	3.89	ng/L	1	4	3.89	1.31
PFHpA	U	1.94	ng/L	1	2	1.94	0.516
PFHpS	U	1.94	ng/L	1	2	1.94	0.379
PFHxA	U	1.94	ng/L	1	2	1.94	0.613
Total PFHxS	U	1.94	ng/L	1	2	1.94	0.117
PFMBA	U	3.89	ng/L	1	4	3.89	1.17
PFMPA	U	3.89	ng/L	1	4	3.89	1.24
Total PFNA	U	1.94	ng/L	1	2	1.94	0.224
PFNS	U	1.94	ng/L	1	2	1.94	0.535
Total PFOA	U	1.94	ng/L	1	2	1.94	0.136
PFOS	U	1.94	ng/L	1	2	1.94	0.516
PFOSA	U	1.94	ng/L	1	2	1.94	0.691

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Report of Analytical Results

SDG: SS6706
Lab ID: SS6706-9
Client ID: EB-20251106A
Matrix: AQ
Lab File ID: 1LC08668

Sample Date: 06-NOV-25
Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Report Date: 24-NOV-25
Analysis Date: 16-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	3.89	ng/L	1	4	3.89	1.15
PFPeS	U	1.94	ng/L	1	2	1.94	0.603
PFTeDA	U	1.94	ng/L	1	2	1.94	0.360
PFTrDA	U	1.94	ng/L	1	2	1.94	0.554
PFUnA	U	1.94	ng/L	1	2	1.94	0.438
M-4:2 FTS-13C2		100.	%				
M-6:2 FTS-13C2		104.	%				
M-8:2 FTS-13C2		115.	%				
M-GenX-13C3 (HFPO-DA)		99.6	%				
M-NEtFOSAA-D5		68.7	%				
M-NEtFOSA-D5		46.1	%				
M-NEtFOSE-D9		91.7	%				
M-NMeFOSAA-D3		90.6	%				
M-NMeFOSA-D3		46.0	%				
M-NMeFOSE-D7		89.5	%				
M-PFBA-13C4		100.	%				
M-PFBS-13C3		107.	%				
M-PFDA-13C6		103.	%				
M-PFDoA-13C2		91.1	%				
M-PFHpA-13C4		103.	%				
M-PFHxA-13C5		104.	%				
M-PFHxS-13C3		104.	%				
M-PFNA-13C9		101.	%				
M-PFOA-13C8		105.	%				
M-PFOS-13C8		95.8	%				
M-PFOSA-13C8		91.0	%				
M-PFPeA-13C5		104.	%				
M-PFTeDA-13C2		84.0	%				
M-PFUnA-13C7		106.	%				

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Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 1LC08579
Instrument ID : LCMS-1
Matrix : AQ
Extraction method : 1633A

SDG : SS6706
Lab Sample ID : WG379604-1
Date Extracted : 12-NOV-25
Date Analyzed : 12-NOV-25
Time Analyzed : 15:47

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG379604-3	1LC08581	11/12/25	16:12
Laboratory Control S	WG379604-4	1LC08582	11/12/25	16:25
Mid Level MS	WG379604-7	1LC08585	11/12/25	17:03
Mid Level MSD	WG379604-8	1LC08586	11/12/25	17:15
MW-01-20251106	SS6706-1	1LC08598	11/12/25	19:47
MW-02-20251106	SS6706-2	1LC08599	11/12/25	20:00
MW-03-20251106	SS6706-3	1LC08600	11/12/25	20:12
MW-04-20251106	SS6706-4	1LC08601	11/12/25	20:25
MW-05-20251106	SS6706-5	1LC08602	11/12/25	20:38
MW-06-20251106	SS6706-6	1LC08603	11/12/25	20:50

Report of Analytical Results

SDG: SS6706
Lab ID: WG379604-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC08579

Sample Date: N/A
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	1.26	ng/L	1	8	8.00	1.26
3:3FTCA	U	2.58	ng/L	1	10	10.0	2.58
4:2 FTS	U	2.14	ng/L	1	8	8.00	2.14
5:3FTCA	U	10.1	ng/L	1	50	50.0	10.1
6:2 FTS	U	2.18	ng/L	1	8	8.00	2.18
7:3FTCA	U	11.0	ng/L	1	50	50.0	11.0
8:2 FTS	U	1.15	ng/L	1	8	8.00	1.15
9Cl-PF3ONS	U	1.50	ng/L	1	8	8.00	1.50
ADONA	U	2.97	ng/L	1	8	8.00	2.97
GenX (HFPO-DA)	U	3.95	ng/L	1	8	8.00	3.95
NEtFOSA	U	0.180	ng/L	1	2	2.00	0.180
NEtFOSAA	U	0.740	ng/L	1	2	2.00	0.740
NEtFOSE	U	5.13	ng/L	1	20	20.0	5.13
NFDHA	U	1.50	ng/L	1	4	4.00	1.50
NMeFOSA	U	0.230	ng/L	1	2	2.00	0.230
NMeFOSAA	U	0.780	ng/L	1	2	2.00	0.780
NMeFOSE	U	5.94	ng/L	1	20	20.0	5.94
PFBA	U	2.51	ng/L	1	8	8.00	2.51
PFBS	U	0.730	ng/L	1	2	2.00	0.730
PFDA	U	0.720	ng/L	1	2	2.00	0.720
PFDoA	U	0.400	ng/L	1	2	2.00	0.400
PFDoS	U	0.490	ng/L	1	2	2.00	0.490
PFDS	U	0.420	ng/L	1	2	2.00	0.420
PFEESA	U	1.35	ng/L	1	4	4.00	1.35
PFHpA	U	0.530	ng/L	1	2	2.00	0.530
PFHpS	U	0.390	ng/L	1	2	2.00	0.390
PFHxA	U	0.630	ng/L	1	2	2.00	0.630
Total PFHxS	U	0.120	ng/L	1	2	2.00	0.120
PFMBA	U	1.20	ng/L	1	4	4.00	1.20
PFMPA	U	1.28	ng/L	1	4	4.00	1.28
Total PFNA	U	0.230	ng/L	1	2	2.00	0.230
PFNS	U	0.550	ng/L	1	2	2.00	0.550
Total PFOA	U	0.140	ng/L	1	2	2.00	0.140
PFOS	U	0.530	ng/L	1	2	2.00	0.530
PFOSA	U	0.710	ng/L	1	2	2.00	0.710

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379604-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC08579

Sample Date: N/A
Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Report Date: 24-NOV-25
Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	1.18	ng/L	1	4	4.00	1.18
PFPeS	U	0.620	ng/L	1	2	2.00	0.620
PFTeDA	U	0.370	ng/L	1	2	2.00	0.370
PFTrDA	U	0.570	ng/L	1	2	2.00	0.570
PFUnA	U	0.450	ng/L	1	2	2.00	0.450
M-4:2 FTS-13C2		95.4	%				
M-6:2 FTS-13C2		89.7	%				
M-8:2 FTS-13C2		90.8	%				
M-GenX-13C3 (HFPO-DA)		105.	%				
M-NEtFOSAA-D5		80.2	%				
M-NEtFOSA-D5		44.9	%				
M-NEtFOSE-D9		66.6	%				
M-NMeFOSAA-D3		95.4	%				
M-NMeFOSA-D3		49.3	%				
M-NMeFOSE-D7		64.0	%				
M-PFBA-13C4		98.2	%				
M-PFBS-13C3		98.3	%				
M-PFDA-13C6		97.0	%				
M-PFDoA-13C2		84.2	%				
M-PFHpA-13C4		93.5	%				
M-PFHxA-13C5		94.2	%				
M-PFHxS-13C3		94.4	%				
M-PFNA-13C9		96.0	%				
M-PFOA-13C8		94.8	%				
M-PFOS-13C8		95.0	%				
M-PFOSA-13C8		88.5	%				
M-PFPeA-13C5		103.	%				
M-PFTeDA-13C2		65.0	%				
M-PFUnA-13C7		106.	%				

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LCS Recovery Report

Lab ID: WG379604-3
Client ID: LCS1
SDG: SS6706
LCS File ID: 1LC08581
Report Date: 24-NOV-25

Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	94.4	15.1	14.3	ng/L	55-160
3:3FTCA	112.	20.0	22.4	ng/L	65-130
4:2 FTS	112.	15.0	16.8	ng/L	70-145
5:3FTCA	111.	100.	111.	ng/L	70-135
6:2 FTS	115.	15.2	17.5	ng/L	65-155
7:3FTCA	102.	100.	102.	ng/L	50-145
8:2 FTS	114.	15.4	17.6	ng/L	60-150
9Cl-PF3ONS	120.	14.9	17.8	ng/L	70-155
ADONA	111.	15.1	16.8	ng/L	65-145
GenX (HFPO-DA)	118.	16.0	18.9	ng/L	70-140
NEtFOSA	127.	4.00	5.08	ng/L	65-145
NEtFOSAA	110.	4.00	4.42	ng/L	70-145
NEtFOSE	115.	40.0	46.0	ng/L	70-135
NFDHA	139.	8.00	11.1	ng/L	50-150
NMeFOSA	124.	4.00	4.95	ng/L	60-150
NMeFOSAA	112.	4.00	4.50	ng/L	50-140
NMeFOSE	115.	40.0	45.9	ng/L	70-145
PFBA	114.	16.0	18.2	ng/L	70-140
PFBS	107.	3.55	3.78	ng/L	60-145
PFDA	116.	4.00	4.64	ng/L	70-140
PFDoA	110.	4.00	4.40	ng/L	70-140
PFDoS	82.9	3.87	3.21	ng/L	50-145
PFDS	102.	3.86	3.92	ng/L	60-145
PFEESA	120.	7.14	8.58	ng/L	70-140
PFHpA	116.	4.00	4.62	ng/L	70-145
PFHpS	116.	3.81	4.41	ng/L	70-150
PFHxA	119.	4.00	4.77	ng/L	70-145
Total PFHxS	112.	3.65	4.08	ng/L	65-145
PFMBA	108.	8.00	8.61	ng/L	60-150
PFMPA	107.	8.00	8.54	ng/L	55-140
Total PFNA	114.	4.00	4.55	ng/L	70-150
PFNS	112.	3.84	4.30	ng/L	65-145
Total PFOA	111.	4.01	4.44	ng/L	70-150
PFOS	112.	3.71	4.16	ng/L	55-150
PFOSA	107.	4.00	4.28	ng/L	70-145
PFPeA	117.	8.00	9.40	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379604-3
Client ID: LCS1
SDG: SS6706
LCS File ID: 1LC08581
Report Date: 24-NOV-25

Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	116.	3.76	4.38	ng/L	65-140
PFTeDA	113.	4.00	4.50	ng/L	60-140
PFTrDA	105.	4.00	4.21	ng/L	65-140
PFUnA	111.	4.00	4.42	ng/L	70-145
M-4:2 FTS-13C2	95.0				40-200
M-6:2 FTS-13C2	92.4				40-200
M-8:2 FTS-13C2	90.6				40-300
M-GenX-13C3 (HFPO-DA)	98.4				40-130
M-NEtFOSAA-D5	69.5				25-135
M-NEtFOSA-D5	53.8				10-130
M-NEtFOSE-D9	74.4				10-130
M-NMeFOSAA-D3	86.9				40-170
M-NMeFOSA-D3	58.7				10-130
M-NMeFOSE-D7	76.6				10-130
M-PFBA-13C4	101.				5-130
M-PFBS-13C3	88.4				40-135
M-PFDA-13C6	90.7				40-130
M-PFDoA-13C2	78.9				10-130
M-PFHpA-13C4	91.4				40-130
M-PFHxA-13C5	87.0				40-130
M-PFHxS-13C3	84.9				40-130
M-PFNA-13C9	92.8				40-130
M-PFOA-13C8	93.7				40-130
M-PFOS-13C8	79.0				40-130
M-PFOSA-13C8	85.8				40-130
M-PFPeA-13C5	99.4				40-130
M-PFTeDA-13C2	64.8				10-130
M-PFUnA-13C7	93.9				30-130

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LCS Recovery Report

Lab ID: WG379604-4
Client ID: LCS2
SDG: SS6706
LCS File ID: 1LC08582
Report Date: 24-NOV-25

Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	94.8	94.3	89.4	ng/L	55-160
3:3FTCA	104.	125.	130.	ng/L	65-130
4:2 FTS	106.	93.7	99.2	ng/L	70-145
5:3FTCA	100.	625.	625.	ng/L	70-135
6:2 FTS	102.	95.1	97.4	ng/L	65-155
7:3FTCA	95.5	625.	597.	ng/L	50-145
8:2 FTS	106.	96.0	102.	ng/L	60-150
9Cl-PF3ONS	104.	93.3	97.6	ng/L	70-155
ADONA	108.	94.5	102.	ng/L	65-145
GenX (HFPO-DA)	112.	100.	112.	ng/L	70-140
NEtFOSA	117.	25.0	29.4	ng/L	65-145
NEtFOSAA	100.	25.0	25.0	ng/L	70-145
NEtFOSE	102.	250.	256.	ng/L	70-135
NFDHA	123.	50.0	61.4	ng/L	50-150
NMeFOSA	106.	25.0	26.6	ng/L	60-150
NMeFOSAA	101.	25.0	25.3	ng/L	50-140
NMeFOSE	101.	250.	254.	ng/L	70-145
PFBA	103.	100.	103.	ng/L	70-140
PFBS	107.	22.2	23.7	ng/L	60-145
PFDA	100.	25.0	25.0	ng/L	70-140
PFDoA	103.	25.0	25.9	ng/L	70-140
PFDoS	85.9	24.2	20.8	ng/L	50-145
PFDS	98.7	24.1	23.8	ng/L	60-145
PFEESA	109.	44.6	48.6	ng/L	70-140
PFHpA	106.	25.0	26.4	ng/L	70-145
PFHpS	97.5	23.8	23.2	ng/L	70-150
PFHxA	104.	25.0	25.9	ng/L	70-145
Total PFHxS	100.	22.8	22.8	ng/L	65-145
PFMBA	99.0	50.0	49.5	ng/L	60-150
PFMPA	96.6	50.0	48.3	ng/L	55-140
Total PFNA	103.	25.0	25.8	ng/L	70-150
PFNS	102.	24.0	24.5	ng/L	65-145
Total PFOA	100.	25.0	25.0	ng/L	70-150
PFOS	97.7	23.2	22.7	ng/L	55-150
PFOSA	99.5	25.0	24.9	ng/L	70-145
PFPeA	107.	50.0	53.5	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379604-4
Client ID: LCS2
SDG: SS6706
LCS File ID: 1LC08582
Report Date: 24-NOV-25

Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604

Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	98.4	23.5	23.1	ng/L	65-140
PFTeDA	99.6	25.0	24.9	ng/L	60-140
PFTrDA	99.3	25.0	24.8	ng/L	65-140
PFUnA	105.	25.0	26.2	ng/L	70-145
M-4:2 FTS-13C2	88.4				40-200
M-6:2 FTS-13C2	92.9				40-200
M-8:2 FTS-13C2	95.3				40-300
M-GenX-13C3 (HFPO-DA)	89.2				40-130
M-NEtFOSAA-D5	76.6				25-135
M-NEtFOSA-D5	56.5				10-130
M-NEtFOSE-D9	81.7				10-130
M-NMeFOSAA-D3	92.9				40-170
M-NMeFOSA-D3	64.1				10-130
M-NMeFOSE-D7	83.5				10-130
M-PFBA-13C4	101.				5-130
M-PFBS-13C3	88.8				40-135
M-PFDA-13C6	95.0				40-130
M-PFDoA-13C2	85.6				10-130
M-PFHpA-13C4	88.2				40-130
M-PFHxA-13C5	85.2				40-130
M-PFHxS-13C3	91.9				40-130
M-PFNA-13C9	92.4				40-130
M-PFOA-13C8	92.0				40-130
M-PFOS-13C8	96.9				40-130
M-PFOSA-13C8	88.3				40-130
M-PFPeA-13C5	94.6				40-130
M-PFTeDA-13C2	78.0				10-130
M-PFUnA-13C7	91.3				30-130

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MS/MSD Recovery Report

MS ID: WG379604-7
MSD ID: WG379604-8
Sample ID: SS6706-4
Client ID: MW-04-20251106
SDG: SS6706
MS File ID: 1LC08585

Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604
Report Date: 24-NOV-25
MSD File ID: 1LC08586

Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ
% Solids: N/A
Sample File ID: 1LC08601

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD (%)	RPD Limit	Limits
11Cl-PF3OUdS	101.	87.7	ng/L	U7.73	85.7	64.9	84.9	74.0	* 28	20	55-160
3:3FTCA	134.	116.	ng/L	U9.66	153	119	114.	103.	* 25	20	65-130
4:2 FTS	101.	87.2	ng/L	U7.73	119	90.8	118.	104.	* 27	20	70-145
5:3FTCA	672.	582.	ng/L	U48.3	780	611	116.	105.	* 24	20	70-135
6:2 FTS	102.	88.5	ng/L	U7.73	121	93.6	118.	106.	* 25	20	65-155
7:3FTCA	672.	582.	ng/L	U48.3	715	576	106.	99.0	* 22	20	50-145
8:2 FTS	103.	89.3	ng/L	U7.73	124	101	121.	113.	20	20	60-150
9Cl-PF3ONS	100.	86.8	ng/L	U7.73	120	90.0	120.	104.	* 28	20	70-155
ADONA	102.	87.9	ng/L	U7.73	119	97.3	117.	111.	20	20	65-145
GenX (HFPO-DA)	108.	93.0	ng/L	U7.73	132	103	122.	110.	* 25	20	70-140
NEtFOSA	26.9	23.3	ng/L	U1.93	36.7	27.2	136.	117.	* 30	20	65-145
NEtFOSAA	26.9	23.3	ng/L	U1.93	32.3	25.8	120.	111.	* 22	20	70-145
NEtFOSE	269.	233.	ng/L	U19.3	321	247	119.	106.	* 26	20	70-135
NFDHA	53.8	46.5	ng/L	U3.86	71.8	52.2	133.	112.	* 32	20	50-150
NMeFOSA	26.9	23.3	ng/L	U1.93	39.7	29.0	147.	124.	* 31	20	60-150
NMeFOSAA	26.9	23.3	ng/L	U1.93	33.0	27.4	123.	118.	18	20	50-140
NMeFOSE	269.	233.	ng/L	U19.3	321	252	119.	108.	* 24	20	70-145
PFBA	108.	93.0	ng/L	J3.82	139	109	125.	114.	* 24	20	70-140
PFBS	23.9	20.6	ng/L	J1.63	28.2	23.6	111.	107.	18	20	60-145
PFDA	26.9	23.3	ng/L	U1.93	34.1	25.0	127.	107.	* 31	20	70-140
PFDoA	26.9	23.3	ng/L	U1.93	32.4	26.2	121.	113.	* 21	20	70-140
PFDoS	26.0	22.5	ng/L	U1.93	19.7	16.2	75.9	71.9	20	20	50-145
PFDS	25.9	22.4	ng/L	U1.93	23.6	18.0	91.1	80.6	* 27	20	60-145
PFEESA	47.9	41.5	ng/L	U3.86	60.4	46.3	126.	112.	* 26	20	70-140
PFHpA	26.9	23.3	ng/L	U1.93	32.0	25.5	119.	109.	* 22	20	70-145
PFHpS	25.6	22.1	ng/L	U1.93	33.3	24.4	130.	111.	* 31	20	70-150
PFHxA	26.9	23.3	ng/L	U1.93	32.6	24.9	121.	107.	* 27	20	70-145
Total PFHxS	24.5	21.2	ng/L	J0.534	28.2	22.0	113.	101.	* 24	20	65-145
PFMBA	53.8	46.5	ng/L	U3.86	57.3	44.7	106.	96.0	* 25	20	60-150
PFMPA	53.8	46.5	ng/L	U3.86	60.2	46.9	112.	101.	* 25	20	55-140
Total PFNA	26.8	23.3	ng/L	U1.93	30.5	23.6	114.	101.	* 26	20	70-150
PFNS	25.8	22.3	ng/L	U1.93	27.3	21.0	106.	94.2	* 26	20	65-145
Total PFOA	26.9	23.2	ng/L	U1.93	30.7	23.9	114.	103.	* 25	20	70-150
PFOS	24.9	21.6	ng/L	J0.830	28.8	23.7	112.	106.	19	20	55-150
PFOSA	26.9	23.3	ng/L	U1.93	31.9	24.5	119.	105.	* 26	20	70-145

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MS/MSD Recovery Report

MS ID: WG379604-7
MSD ID: WG379604-8
Sample ID: SS6706-4
Client ID: MW-04-20251106
SDG: SS6706
MS File ID: 1LC08585

Extract Date: 12-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379604
Report Date: 24-NOV-25
MSD File ID: 1LC08586

Analysis Date: 12-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ
% Solids: N/A
Sample File ID: 1LC08601

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD (%)	RPD Limit	Limits
PFPeA	53.8	46.5	ng/L	U3.86	64.8	51.1	120.	110.	* 24	20	65-135
PFPeS	25.3	21.9	ng/L	U1.93	29.6	22.5	117.	103.	* 27	20	65-140
PFTeDA	26.9	23.3	ng/L	U1.93	31.5	25.5	117.	110.	* 21	20	60-140
PFTrDA	26.9	23.3	ng/L	U1.93	30.0	25.6	112.	110.	16	20	65-140
PFUnA	26.9	23.3	ng/L	U1.93	33.2	25.0	124.	107.	* 28	20	70-145
M-4:2 FTS-13C2							78.5	77.2			40-200
M-6:2 FTS-13C2							65.6	72.0			40-200
M-8:2 FTS-13C2							57.9	58.0			40-300
M-GenX-13C3 (HFPO-DA)							66.2	67.3			40-130
M-NEtFOSAA-D5							41.5	41.5			25-135
M-NEtFOSA-D5							24.1	27.8			10-130
M-NEtFOSE-D9							40.5	45.3			10-130
M-NMeFOSAA-D3							52.5	50.5			40-170
M-NMeFOSA-D3							24.2	29.1			10-130
M-NMeFOSE-D7							43.4	46.8			10-130
M-PFBA-13C4							95.9	96.7			5-130
M-PFBS-13C3							70.5	74.8			40-135
M-PFDA-13C6							53.5	56.5			40-130
M-PFDoA-13C2							44.0	44.0			10-130
M-PFHpA-13C4							61.5	63.7			40-130
M-PFHxA-13C5							60.4	62.9			40-130
M-PFHxS-13C3							64.4	69.9			40-130
M-PFNA-13C9							62.6	70.5			40-130
M-PFOA-13C8							65.7	70.6			40-130
M-PFOS-13C8							58.3	62.7			40-130
M-PFOSA-13C8							56.3	60.2			40-130
M-PFPeA-13C5							77.5	78.2			40-130
M-PFTeDA-13C2							38.8	42.8			10-130
M-PFUnA-13C7							52.2	51.0			30-130

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Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 1LC08628
Instrument ID : LCMS-1
Matrix : AQ
Extraction method : 1633A

SDG : SS6706
Lab Sample ID : WG379660-1
Date Extracted : 13-NOV-25
Date Analyzed : 13-NOV-25
Time Analyzed : 16:42

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG379660-2	1LC08629	11/13/25	16:55
Laboratory Control S	WG379660-3	1LC08630	11/13/25	17:08
FB-20251106	SS6706-8	1LC08667	11/16/25	12:57
EB-20251106A	SS6706-9	1LC08668	11/16/25	13:09

Report of Analytical Results

SDG: SS6706
Lab ID: WG379660-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC08628

Sample Date: N/A
Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Report Date: 24-NOV-25
Analysis Date: 13-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	1.26	ng/L	1	8	8.00	1.26
3:3FTCA	U	2.58	ng/L	1	10	10.0	2.58
4:2 FTS	U	2.14	ng/L	1	8	8.00	2.14
5:3FTCA	U	10.1	ng/L	1	50	50.0	10.1
6:2 FTS	U	2.18	ng/L	1	8	8.00	2.18
7:3FTCA	U	11.0	ng/L	1	50	50.0	11.0
8:2 FTS	U	1.15	ng/L	1	8	8.00	1.15
9Cl-PF3ONS	U	1.50	ng/L	1	8	8.00	1.50
ADONA	U	2.97	ng/L	1	8	8.00	2.97
GenX (HFPO-DA)	U	3.95	ng/L	1	8	8.00	3.95
NEtFOSA	U	0.180	ng/L	1	2	2.00	0.180
NEtFOSAA	U	0.740	ng/L	1	2	2.00	0.740
NEtFOSE	U	5.13	ng/L	1	20	20.0	5.13
NFDHA	U	1.50	ng/L	1	4	4.00	1.50
NMeFOSA	U	0.230	ng/L	1	2	2.00	0.230
NMeFOSAA	U	0.780	ng/L	1	2	2.00	0.780
NMeFOSE	U	5.94	ng/L	1	20	20.0	5.94
PFBA	U	2.51	ng/L	1	8	8.00	2.51
PFBS	U	0.730	ng/L	1	2	2.00	0.730
PFDA	U	0.720	ng/L	1	2	2.00	0.720
PFDoA	U	0.400	ng/L	1	2	2.00	0.400
PFDoS	U	0.490	ng/L	1	2	2.00	0.490
PFDS	U	0.420	ng/L	1	2	2.00	0.420
PFEESA	U	1.35	ng/L	1	4	4.00	1.35
PFHpA	U	0.530	ng/L	1	2	2.00	0.530
PFHpS	U	0.390	ng/L	1	2	2.00	0.390
PFHxA	U	0.630	ng/L	1	2	2.00	0.630
Total PFHxS	U	0.120	ng/L	1	2	2.00	0.120
PFMBA	U	1.20	ng/L	1	4	4.00	1.20
PFMPA	U	1.28	ng/L	1	4	4.00	1.28
Total PFNA	U	0.230	ng/L	1	2	2.00	0.230
PFNS	U	0.550	ng/L	1	2	2.00	0.550
Total PFOA	U	0.140	ng/L	1	2	2.00	0.140
PFOS	U	0.530	ng/L	1	2	2.00	0.530
PFOSA	U	0.710	ng/L	1	2	2.00	0.710

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379660-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC08628

Sample Date: N/A
Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Report Date: 24-NOV-25
Analysis Date: 13-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	1.18	ng/L	1	4	4.00	1.18
PFPeS	U	0.620	ng/L	1	2	2.00	0.620
PFTeDA	U	0.370	ng/L	1	2	2.00	0.370
PFTrDA	U	0.570	ng/L	1	2	2.00	0.570
PFUnA	U	0.450	ng/L	1	2	2.00	0.450
M-4:2 FTS-13C2		91.7	%				
M-6:2 FTS-13C2		91.3	%				
M-8:2 FTS-13C2		95.3	%				
M-GenX-13C3 (HFPO-DA)		83.6	%				
M-NEtFOSAA-D5		78.0	%				
M-NEtFOSA-D5		23.9	%				
M-NEtFOSE-D9		60.8	%				
M-NMeFOSAA-D3		91.2	%				
M-NMeFOSA-D3		27.0	%				
M-NMeFOSE-D7		62.8	%				
M-PFBA-13C4		105.	%				
M-PFBS-13C3		87.6	%				
M-PFDA-13C6		92.6	%				
M-PFDoA-13C2		80.5	%				
M-PFHpA-13C4		77.4	%				
M-PFHxA-13C5		67.4	%				
M-PFHxS-13C3		89.6	%				
M-PFNA-13C9		88.2	%				
M-PFOA-13C8		90.9	%				
M-PFOS-13C8		87.6	%				
M-PFOSA-13C8		69.9	%				
M-PFPeA-13C5		87.8	%				
M-PFTeDA-13C2		100.	%				
M-PFUnA-13C7		98.5	%				

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LCS Recovery Report

Lab ID: WG379660-2
Client ID: LCS1
SDG: SS6706
LCS File ID: 1LC08629
Report Date: 24-NOV-25

Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Analysis Date: 13-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	86.4	15.1	13.0	ng/L	55-160
3:3FTCA	109.	20.0	21.7	ng/L	65-130
4:2 FTS	98.5	15.0	14.8	ng/L	70-145
5:3FTCA	106.	100.	106.	ng/L	70-135
6:2 FTS	102.	15.2	15.5	ng/L	65-155
7:3FTCA	89.5	100.	89.5	ng/L	50-145
8:2 FTS	101.	15.4	15.6	ng/L	60-150
9Cl-PF3ONS	111.	14.9	16.5	ng/L	70-155
ADONA	109.	15.1	16.5	ng/L	65-145
GenX (HFPO-DA)	119.	16.0	19.0	ng/L	70-140
NEtFOSA	138.	4.00	5.50	ng/L	65-145
NEtFOSAA	93.4	4.00	3.74	ng/L	70-145
NEtFOSE	104.	40.0	41.8	ng/L	70-135
NFDHA	132.	8.00	10.6	ng/L	50-150
NMeFOSA	133.	4.00	5.33	ng/L	60-150
NMeFOSAA	104.	4.00	4.17	ng/L	50-140
NMeFOSE	103.	40.0	41.1	ng/L	70-145
PFBA	104.	16.0	16.6	ng/L	70-140
PFBS	104.	3.55	3.70	ng/L	60-145
PFDA	95.5	4.00	3.82	ng/L	70-140
PFDoA	92.9	4.00	3.72	ng/L	70-140
PFDoS	75.4	3.87	2.92	ng/L	50-145
PFDS	91.7	3.86	3.54	ng/L	60-145
PFEESA	124.	7.14	8.84	ng/L	70-140
PFHpA	108.	4.00	4.32	ng/L	70-145
PFHpS	109.	3.81	4.15	ng/L	70-150
PFHxA	114.	4.00	4.57	ng/L	70-145
Total PFHxS	102.	3.65	3.74	ng/L	65-145
PFMBA	95.2	8.00	7.61	ng/L	60-150
PFMPA	90.6	8.00	7.24	ng/L	55-140
Total PFNA	106.	4.00	4.23	ng/L	70-150
PFNS	109.	3.84	4.19	ng/L	65-145
Total PFOA	102.	4.01	4.11	ng/L	70-150
PFOS	104.	3.71	3.87	ng/L	55-150
PFOSA	106.	4.00	4.25	ng/L	70-145
PFPeA	116.	8.00	9.24	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379660-2
Client ID: LCS1
SDG: SS6706
LCS File ID: 1LC08629
Report Date: 24-NOV-25

Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Analysis Date: 13-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	95.7	3.76	3.60	ng/L	65-140
PFTeDA	88.6	4.00	3.55	ng/L	60-140
PFTrDA	103.	4.00	4.13	ng/L	65-140
PFUnA	97.2	4.00	3.89	ng/L	70-145
M-4:2 FTS-13C2	97.9				40-200
M-6:2 FTS-13C2	91.7				40-200
M-8:2 FTS-13C2	94.1				40-300
M-GenX-13C3 (HFPO-DA)	88.8				40-130
M-NEtFOSAA-D5	79.2				25-135
M-NEtFOSA-D5	25.0				10-130
M-NEtFOSE-D9	65.4				10-130
M-NMeFOSAA-D3	96.0				40-170
M-NMeFOSA-D3	25.8				10-130
M-NMeFOSE-D7	68.1				10-130
M-PFBA-13C4	104.				5-130
M-PFBS-13C3	84.9				40-135
M-PFDA-13C6	97.1				40-130
M-PFDoA-13C2	79.2				10-130
M-PFHpA-13C4	82.2				40-130
M-PFHxA-13C5	73.7				40-130
M-PFHxS-13C3	86.7				40-130
M-PFNA-13C9	91.6				40-130
M-PFOA-13C8	94.1				40-130
M-PFOS-13C8	84.4				40-130
M-PFOSA-13C8	75.2				40-130
M-PFPeA-13C5	96.4				40-130
M-PFTeDA-13C2	85.4				10-130
M-PFUnA-13C7	103.				30-130

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LCS Recovery Report

Lab ID: WG379660-3
Client ID: LCS2
SDG: SS6706
LCS File ID: 1LC08630
Report Date: 24-NOV-25

Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Analysis Date: 13-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	90.3	94.3	85.2	ng/L	55-160
3:3FTCA	102.	125.	128.	ng/L	65-130
4:2 FTS	96.3	93.7	90.2	ng/L	70-145
5:3FTCA	99.6	625.	623.	ng/L	70-135
6:2 FTS	101.	95.1	95.9	ng/L	65-155
7:3FTCA	84.5	625.	528.	ng/L	50-145
8:2 FTS	97.8	96.0	93.9	ng/L	60-150
9Cl-PF3ONS	105.	93.3	98.1	ng/L	70-155
ADONA	105.	94.5	99.1	ng/L	65-145
GenX (HFPO-DA)	111.	100.	111.	ng/L	70-140
NEtFOSA	120.	25.0	30.1	ng/L	65-145
NEtFOSAA	94.2	25.0	23.6	ng/L	70-145
NEtFOSE	95.5	250.	239.	ng/L	70-135
NFDHA	122.	50.0	60.8	ng/L	50-150
NMeFOSA	120.	25.0	30.0	ng/L	60-150
NMeFOSAA	96.3	25.0	24.1	ng/L	50-140
NMeFOSE	96.7	250.	242.	ng/L	70-145
PFBA	100.	100.	100.	ng/L	70-140
PFBS	93.8	22.2	20.8	ng/L	60-145
PFDA	96.9	25.0	24.2	ng/L	70-140
PFDoA	89.5	25.0	22.4	ng/L	70-140
PFDoS	84.5	24.2	20.4	ng/L	50-145
PFDS	89.9	24.1	21.7	ng/L	60-145
PFEESA	125.	44.6	55.9	ng/L	70-140
PFHpA	104.	25.0	26.1	ng/L	70-145
PFHpS	97.5	23.8	23.2	ng/L	70-150
PFHxA	115.	25.0	28.7	ng/L	70-145
Total PFHxS	96.8	22.8	22.1	ng/L	65-145
PFMBA	93.4	50.0	46.7	ng/L	60-150
PFMPA	86.7	50.0	43.4	ng/L	55-140
Total PFNA	98.4	25.0	24.6	ng/L	70-150
PFNS	99.2	24.0	23.8	ng/L	65-145
Total PFOA	98.4	25.0	24.6	ng/L	70-150
PFOS	98.7	23.2	22.9	ng/L	55-150
PFOSA	104.	25.0	26.1	ng/L	70-145
PFPeA	110.	50.0	54.8	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379660-3
Client ID: LCS2
SDG: SS6706
LCS File ID: 1LC08630
Report Date: 24-NOV-25

Extract Date: 13-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379660

Analysis Date: 13-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	95.2	23.5	22.4	ng/L	65-140
PFTeDA	84.4	25.0	21.1	ng/L	60-140
PFTrDA	104.	25.0	26.1	ng/L	65-140
PFUnA	95.8	25.0	23.9	ng/L	70-145
M-4:2 FTS-13C2	103.				40-200
M-6:2 FTS-13C2	100.				40-200
M-8:2 FTS-13C2	108.				40-300
M-GenX-13C3 (HFPO-DA)	95.0				40-130
M-NEtFOSAA-D5	83.8				25-135
M-NEtFOSA-D5	34.9				10-130
M-NEtFOSE-D9	86.2				10-130
M-NMeFOSAA-D3	103.				40-170
M-NMeFOSA-D3	34.9				10-130
M-NMeFOSE-D7	82.8				10-130
M-PFBA-13C4	103.				5-130
M-PFBS-13C3	100.				40-135
M-PFDA-13C6	104.				40-130
M-PFDoA-13C2	89.2				10-130
M-PFHpA-13C4	88.8				40-130
M-PFHxA-13C5	75.6				40-130
M-PFHxS-13C3	103.				40-130
M-PFNA-13C9	102.				40-130
M-PFOA-13C8	102.				40-130
M-PFOS-13C8	105.				40-130
M-PFOSA-13C8	82.7				40-130
M-PFPeA-13C5	101.				40-130
M-PFTeDA-13C2	102.				10-130
M-PFUnA-13C7	109.				30-130

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Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 1LC08735
Instrument ID : LCMS-1
Matrix : AQ
Extraction method : 1633A

SDG : SS6706
Lab Sample ID : WG379818-1
Date Extracted : 17-NOV-25
Date Analyzed : 17-NOV-25
Time Analyzed : 19:21

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG379818-3	1LC08737	11/17/25	19:46
Laboratory Control S	WG379818-4	1LC08738	11/17/25	19:59

Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 3LC04673
Instrument ID : LCMS-3
Matrix : AQ
Extraction method : 1633A

SDG : SS6706
Lab Sample ID : WG379818-1RA
Date Extracted : 17-NOV-25
Date Analyzed : 19-NOV-25
Time Analyzed : 18:09

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
MW-02-20251106	SS6706-2RERA2	3LC04743	11/20/25	19:47

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379818-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC08735

Sample Date: N/A
Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Report Date: 24-NOV-25
Analysis Date: 17-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	1.26	ng/L	1	8	8.00	1.26
3:3FTCA	U	2.58	ng/L	1	10	10.0	2.58
4:2 FTS	U	2.14	ng/L	1	8	8.00	2.14
5:3FTCA	U	10.1	ng/L	1	50	50.0	10.1
6:2 FTS	U	2.18	ng/L	1	8	8.00	2.18
7:3FTCA	U	11.0	ng/L	1	50	50.0	11.0
8:2 FTS	U	1.15	ng/L	1	8	8.00	1.15
9Cl-PF3ONS	U	1.50	ng/L	1	8	8.00	1.50
ADONA	U	2.97	ng/L	1	8	8.00	2.97
GenX (HFPO-DA)	U	3.95	ng/L	1	8	8.00	3.95
NEtFOSA	U	0.180	ng/L	1	2	2.00	0.180
NEtFOSAA	U	0.740	ng/L	1	2	2.00	0.740
NEtFOSE	U	5.13	ng/L	1	20	20.0	5.13
NFDHA	U	1.50	ng/L	1	4	4.00	1.50
NMeFOSA	U	0.230	ng/L	1	2	2.00	0.230
NMeFOSAA	U	0.780	ng/L	1	2	2.00	0.780
NMeFOSE	U	5.94	ng/L	1	20	20.0	5.94
PFBA	U	2.51	ng/L	1	8	8.00	2.51
PFBS	U	0.730	ng/L	1	2	2.00	0.730
PFDA	U	0.720	ng/L	1	2	2.00	0.720
PFDoA	U	0.400	ng/L	1	2	2.00	0.400
PFDoS	U	0.490	ng/L	1	2	2.00	0.490
PFDS	U	0.420	ng/L	1	2	2.00	0.420
PFEESA	U	1.35	ng/L	1	4	4.00	1.35
PFHpA	U	0.530	ng/L	1	2	2.00	0.530
PFHpS	U	0.390	ng/L	1	2	2.00	0.390
PFHxA	U	0.630	ng/L	1	2	2.00	0.630
Total PFHxS	U	0.120	ng/L	1	2	2.00	0.120
PFMBA	U	1.20	ng/L	1	4	4.00	1.20
PFMPA	U	1.28	ng/L	1	4	4.00	1.28
Total PFNA	U	0.230	ng/L	1	2	2.00	0.230
PFNS	U	0.550	ng/L	1	2	2.00	0.550
Total PFOA	U	0.140	ng/L	1	2	2.00	0.140
PFOS	U	0.530	ng/L	1	2	2.00	0.530
PFOSA	U	0.710	ng/L	1	2	2.00	0.710

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379818-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 1LC08735

Sample Date: N/A
Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Report Date: 24-NOV-25
Analysis Date: 17-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	1.18	ng/L	1	4	4.00	1.18
PFPeS	U	0.620	ng/L	1	2	2.00	0.620
PFTeDA	U	0.370	ng/L	1	2	2.00	0.370
PFTrDA	U	0.570	ng/L	1	2	2.00	0.570
PFUnA	U	0.450	ng/L	1	2	2.00	0.450
M-4:2 FTS-13C2		90.9	%				
M-6:2 FTS-13C2		95.6	%				
M-8:2 FTS-13C2		94.4	%				
M-GenX-13C3 (HFPO-DA)		101.	%				
M-NEtFOSAA-D5		54.3	%				
M-NEtFOSA-D5		45.8	%				
M-NEtFOSE-D9		62.8	%				
M-NMeFOSAA-D3		85.1	%				
M-NMeFOSA-D3		51.4	%				
M-NMeFOSE-D7		68.9	%				
M-PFBA-13C4		99.4	%				
M-PFBS-13C3		86.9	%				
M-PFDA-13C6		95.6	%				
M-PFDoA-13C2		74.3	%				
M-PFHpA-13C4		97.1	%				
M-PFHxA-13C5		96.7	%				
M-PFHxS-13C3		82.2	%				
M-PFNA-13C9		91.9	%				
M-PFOA-13C8		93.4	%				
M-PFOS-13C8		78.0	%				
M-PFOSA-13C8		77.8	%				
M-PFPeA-13C5		103.	%				
M-PFTeDA-13C2		53.2	%				
M-PFUnA-13C7		93.9	%				

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379818-1RA
Client ID: Method Blank
Matrix: AQ
Lab File ID: 3LC04673

Sample Date: N/A
Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Report Date: 24-NOV-25
Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	1.26	ng/L	1	8	8.00	1.26
3:3FTCA	U	2.58	ng/L	1	10	10.0	2.58
4:2 FTS	U	2.14	ng/L	1	8	8.00	2.14
5:3FTCA	U	10.1	ng/L	1	50	50.0	10.1
6:2 FTS	U	2.18	ng/L	1	8	8.00	2.18
7:3FTCA	U	11.0	ng/L	1	50	50.0	11.0
8:2 FTS	U	1.15	ng/L	1	8	8.00	1.15
9Cl-PF3ONS	U	1.50	ng/L	1	8	8.00	1.50
ADONA	U	2.97	ng/L	1	8	8.00	2.97
GenX (HFPO-DA)	U	3.95	ng/L	1	8	8.00	3.95
NEtFOSA	U	0.180	ng/L	1	2	2.00	0.180
NEtFOSAA	U	0.740	ng/L	1	2	2.00	0.740
NEtFOSE	U	5.13	ng/L	1	20	20.0	5.13
NFDHA	U	1.50	ng/L	1	4	4.00	1.50
NMeFOSA	U	0.230	ng/L	1	2	2.00	0.230
NMeFOSAA	U	0.780	ng/L	1	2	2.00	0.780
NMeFOSE	U	5.94	ng/L	1	20	20.0	5.94
PFBA	U	2.51	ng/L	1	8	8.00	2.51
PFBS	U	0.730	ng/L	1	2	2.00	0.730
PFDA	U	0.720	ng/L	1	2	2.00	0.720
PFDoA	U	0.400	ng/L	1	2	2.00	0.400
PFDoS	U	0.490	ng/L	1	2	2.00	0.490
PFDS	U	0.420	ng/L	1	2	2.00	0.420
PFEESA	U	1.35	ng/L	1	4	4.00	1.35
PFHpA	U	0.530	ng/L	1	2	2.00	0.530
PFHpS	U	0.390	ng/L	1	2	2.00	0.390
PFHxA	U	0.630	ng/L	1	2	2.00	0.630
Total PFHxS	U	0.120	ng/L	1	2	2.00	0.120
PFMBA	U	1.20	ng/L	1	4	4.00	1.20
PFMPA	U	1.28	ng/L	1	4	4.00	1.28
Total PFNA	U	0.230	ng/L	1	2	2.00	0.230
PFNS	U	0.550	ng/L	1	2	2.00	0.550
Total PFOA	U	0.140	ng/L	1	2	2.00	0.140
PFOS	U	0.530	ng/L	1	2	2.00	0.530
PFOSA	U	0.710	ng/L	1	2	2.00	0.710

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379818-1RA
Client ID: Method Blank
Matrix: AQ
Lab File ID: 3LC04673

Sample Date: N/A
Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Report Date: 24-NOV-25
Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	1.18	ng/L	1	4	4.00	1.18
PFPeS	U	0.620	ng/L	1	2	2.00	0.620
PFTeDA	U	0.370	ng/L	1	2	2.00	0.370
PFTrDA	U	0.570	ng/L	1	2	2.00	0.570
PFUnA	U	0.450	ng/L	1	2	2.00	0.450
M-4:2 FTS-13C2		107.	%				
M-6:2 FTS-13C2		99.0	%				
M-8:2 FTS-13C2		92.8	%				
M-GenX-13C3 (HFPO-DA)		103.	%				
M-NEtFOSAA-D5		50.4	%				
M-NEtFOSA-D5		46.9	%				
M-NEtFOSE-D9		57.6	%				
M-NMeFOSAA-D3		83.6	%				
M-NMeFOSA-D3		51.3	%				
M-NMeFOSE-D7		64.6	%				
M-PFBA-13C4		98.8	%				
M-PFBS-13C3		99.0	%				
M-PFDA-13C6		92.1	%				
M-PFDoA-13C2		74.5	%				
M-PFHpA-13C4		97.5	%				
M-PFHxA-13C5		98.7	%				
M-PFHxS-13C3		85.3	%				
M-PFNA-13C9		92.7	%				
M-PFOA-13C8		96.3	%				
M-PFOS-13C8		80.2	%				
M-PFOSA-13C8		78.0	%				
M-PFPeA-13C5		105.	%				
M-PFTeDA-13C2		46.1	%				
M-PFUnA-13C7		95.7	%				

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LCS Recovery Report

Lab ID: WG379818-3
Client ID: LCS1
SDG: SS6706
LCS File ID: 1LC08737
Report Date: 24-NOV-25

Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Analysis Date: 17-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	77.2	15.1	11.7	ng/L	55-160
3:3FTCA	96.8	20.0	19.4	ng/L	65-130
4:2 FTS	98.1	15.0	14.7	ng/L	70-145
5:3FTCA	96.5	100.	96.5	ng/L	70-135
6:2 FTS	101.	15.2	15.3	ng/L	65-155
7:3FTCA	86.7	100.	86.7	ng/L	50-145
8:2 FTS	97.7	15.4	15.0	ng/L	60-150
9Cl-PF3ONS	98.4	14.9	14.7	ng/L	70-155
ADONA	105.	15.1	15.9	ng/L	65-145
GenX (HFPO-DA)	99.7	16.0	15.9	ng/L	70-140
NEtFOSA	107.	4.00	4.30	ng/L	65-145
NEtFOSAA	105.	4.00	4.21	ng/L	70-145
NEtFOSE	99.2	40.0	39.7	ng/L	70-135
NFDHA	99.1	8.00	7.93	ng/L	50-150
NMeFOSA	110.	4.00	4.41	ng/L	60-150
NMeFOSAA	96.8	4.00	3.87	ng/L	50-140
NMeFOSE	98.4	40.0	39.4	ng/L	70-145
PFBA	99.7	16.0	16.0	ng/L	70-140
PFBS	97.4	3.55	3.46	ng/L	60-145
PFDA	95.4	4.00	3.82	ng/L	70-140
PFDoA	98.3	4.00	3.93	ng/L	70-140
PFDoS	69.6	3.87	2.69	ng/L	50-145
PFDS	80.8	3.86	3.12	ng/L	60-145
PFEESA	97.0	7.14	6.92	ng/L	70-140
PFHpA	98.5	4.00	3.94	ng/L	70-145
PFHpS	107.	3.81	4.08	ng/L	70-150
PFHxA	97.8	4.00	3.91	ng/L	70-145
Total PFHxS	99.2	3.65	3.62	ng/L	65-145
PFMBA	97.6	8.00	7.81	ng/L	60-150
PFMPA	96.0	8.00	7.68	ng/L	55-140
Total PFNA	97.9	4.00	3.92	ng/L	70-150
PFNS	94.1	3.84	3.61	ng/L	65-145
Total PFOA	102.	4.01	4.10	ng/L	70-150
PFOS	* 157.	3.71	5.83	ng/L	55-150
PFOSA	99.4	4.00	3.98	ng/L	70-145
PFPeA	97.7	8.00	7.81	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379818-3
Client ID: LCS1
SDG: SS6706
LCS File ID: 1LC08737
Report Date: 24-NOV-25

Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Analysis Date: 17-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	101.	3.76	3.80	ng/L	65-140
PFTeDA	94.9	4.00	3.80	ng/L	60-140
PFTrDA	94.1	4.00	3.76	ng/L	65-140
PFUnA	93.6	4.00	3.74	ng/L	70-145
M-4:2 FTS-13C2	96.6				40-200
M-6:2 FTS-13C2	101.				40-200
M-8:2 FTS-13C2	99.8				40-300
M-GenX-13C3 (HFPO-DA)	99.6				40-130
M-NEtFOSAA-D5	57.0				25-135
M-NEtFOSA-D5	51.9				10-130
M-NEtFOSE-D9	73.1				10-130
M-NMeFOSAA-D3	85.9				40-170
M-NMeFOSA-D3	57.0				10-130
M-NMeFOSE-D7	77.9				10-130
M-PFBA-13C4	99.7				5-130
M-PFBS-13C3	95.8				40-135
M-PFDA-13C6	103.				40-130
M-PFDoA-13C2	76.1				10-130
M-PFHpA-13C4	102.				40-130
M-PFHxA-13C5	101.				40-130
M-PFHxS-13C3	90.4				40-130
M-PFNA-13C9	97.7				40-130
M-PFOA-13C8	100.				40-130
M-PFOS-13C8	86.7				40-130
M-PFOSA-13C8	84.3				40-130
M-PFPeA-13C5	105.				40-130
M-PFTeDA-13C2	70.2				10-130
M-PFUnA-13C7	96.8				30-130

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LCS Recovery Report

Lab ID: WG379818-4
Client ID: LCS2
SDG: SS6706
LCS File ID: 1LC08738
Report Date: 24-NOV-25

Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Analysis Date: 17-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	90.5	94.3	85.3	ng/L	55-160
3:3FTCA	91.4	125.	114.	ng/L	65-130
4:2 FTS	92.6	93.7	86.8	ng/L	70-145
5:3FTCA	91.2	625.	570.	ng/L	70-135
6:2 FTS	94.3	95.1	89.6	ng/L	65-155
7:3FTCA	83.7	625.	523.	ng/L	50-145
8:2 FTS	96.5	96.0	92.6	ng/L	60-150
9Cl-PF3ONS	97.3	93.3	90.8	ng/L	70-155
ADONA	97.0	94.5	91.6	ng/L	65-145
GenX (HFPO-DA)	94.0	100.	94.0	ng/L	70-140
NEtFOSA	101.	25.0	25.3	ng/L	65-145
NEtFOSAA	104.	25.0	26.0	ng/L	70-145
NEtFOSE	93.7	250.	234.	ng/L	70-135
NFDHA	94.2	50.0	47.1	ng/L	50-150
NMeFOSA	99.6	25.0	24.9	ng/L	60-150
NMeFOSAA	96.8	25.0	24.2	ng/L	50-140
NMeFOSE	90.6	250.	226.	ng/L	70-145
PFBA	94.0	100.	94.0	ng/L	70-140
PFBS	94.5	22.2	21.0	ng/L	60-145
PFDA	93.3	25.0	23.3	ng/L	70-140
PFDoA	94.5	25.0	23.6	ng/L	70-140
PFDoS	77.7	24.2	18.8	ng/L	50-145
PFDS	90.6	24.1	21.8	ng/L	60-145
PFEESA	97.5	44.6	43.5	ng/L	70-140
PFHpA	93.8	25.0	23.5	ng/L	70-145
PFHpS	99.7	23.8	23.7	ng/L	70-150
PFHxA	92.8	25.0	23.2	ng/L	70-145
Total PFHxS	90.2	22.8	20.6	ng/L	65-145
PFMBA	93.0	50.0	46.5	ng/L	60-150
PFMPA	90.9	50.0	45.4	ng/L	55-140
Total PFNA	90.6	25.0	22.6	ng/L	70-150
PFNS	101.	24.0	24.3	ng/L	65-145
Total PFOA	92.2	25.0	23.0	ng/L	70-150
PFOS	95.1	23.2	22.1	ng/L	55-150
PFOSA	96.9	25.0	24.2	ng/L	70-145
PFPeA	91.2	50.0	45.6	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379818-4
Client ID: LCS2
SDG: SS6706
LCS File ID: 1LC08738
Report Date: 24-NOV-25

Extract Date: 17-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379818

Analysis Date: 17-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	90.4	23.5	21.2	ng/L	65-140
PFTeDA	88.9	25.0	22.2	ng/L	60-140
PFTrDA	87.7	25.0	21.9	ng/L	65-140
PFUnA	90.2	25.0	22.6	ng/L	70-145
M-4:2 FTS-13C2	93.0				40-200
M-6:2 FTS-13C2	102.				40-200
M-8:2 FTS-13C2	101.				40-300
M-GenX-13C3 (HFPO-DA)	103.				40-130
M-NEtFOSAA-D5	59.1				25-135
M-NEtFOSA-D5	56.6				10-130
M-NEtFOSE-D9	76.6				10-130
M-NMeFOSAA-D3	87.4				40-170
M-NMeFOSA-D3	61.6				10-130
M-NMeFOSE-D7	78.0				10-130
M-PFBA-13C4	99.7				5-130
M-PFBS-13C3	99.4				40-135
M-PFDA-13C6	102.				40-130
M-PFDoA-13C2	85.2				10-130
M-PFHpA-13C4	102.				40-130
M-PFHxA-13C5	103.				40-130
M-PFHxS-13C3	99.5				40-130
M-PFNA-13C9	102.				40-130
M-PFOA-13C8	103.				40-130
M-PFOS-13C8	91.6				40-130
M-PFOSA-13C8	83.8				40-130
M-PFPeA-13C5	107.				40-130
M-PFTeDA-13C2	78.6				10-130
M-PFUnA-13C7	100.				30-130

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Method Blank Summary

Lab Name : Katahdin Analytical Services
Lab File ID : 3LC04664
Instrument ID : LCMS-3
Matrix : AQ
Extraction method : 1633A

SDG : SS6706
Lab Sample ID : WG379896-1
Date Extracted : 18-NOV-25
Date Analyzed : 19-NOV-25
Time Analyzed : 16:15

This Method Blank applies to the following samples and QC samples:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG379896-3	3LC04666	11/19/25	16:40
Laboratory Control S	WG379896-4	3LC04667	11/19/25	16:53
DUP-20251106	SS6706-7RE	3LC04670	11/19/25	17:31

Report of Analytical Results

SDG: SS6706
Lab ID: WG379896-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 3LC04664

Sample Date: N/A
Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Report Date: 24-NOV-25
Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
11Cl-PF3OUdS	U	1.26	ng/L	1	8	8.00	1.26
3:3FTCA	U	2.58	ng/L	1	10	10.0	2.58
4:2 FTS	U	2.14	ng/L	1	8	8.00	2.14
5:3FTCA	U	10.1	ng/L	1	50	50.0	10.1
6:2 FTS	U	2.18	ng/L	1	8	8.00	2.18
7:3FTCA	U	11.0	ng/L	1	50	50.0	11.0
8:2 FTS	U	1.15	ng/L	1	8	8.00	1.15
9Cl-PF3ONS	U	1.50	ng/L	1	8	8.00	1.50
ADONA	U	2.97	ng/L	1	8	8.00	2.97
GenX (HFPO-DA)	U	3.95	ng/L	1	8	8.00	3.95
NEtFOSA	U	0.180	ng/L	1	2	2.00	0.180
NEtFOSAA	U	0.740	ng/L	1	2	2.00	0.740
NEtFOSE	U	5.13	ng/L	1	20	20.0	5.13
NFDHA	U	1.50	ng/L	1	4	4.00	1.50
NMeFOSA	U	0.230	ng/L	1	2	2.00	0.230
NMeFOSAA	U	0.780	ng/L	1	2	2.00	0.780
NMeFOSE	U	5.94	ng/L	1	20	20.0	5.94
PFBA	U	2.51	ng/L	1	8	8.00	2.51
PFBS	U	0.730	ng/L	1	2	2.00	0.730
PFDA	U	0.720	ng/L	1	2	2.00	0.720
PFDoA	U	0.400	ng/L	1	2	2.00	0.400
PFDoS	U	0.490	ng/L	1	2	2.00	0.490
PFDS	U	0.420	ng/L	1	2	2.00	0.420
PFEESA	U	1.35	ng/L	1	4	4.00	1.35
PFHpA	U	0.530	ng/L	1	2	2.00	0.530
PFHpS	U	0.390	ng/L	1	2	2.00	0.390
PFHxA	U	0.630	ng/L	1	2	2.00	0.630
Total PFHxS	U	0.120	ng/L	1	2	2.00	0.120
PFMBA	U	1.20	ng/L	1	4	4.00	1.20
PFMPA	U	1.28	ng/L	1	4	4.00	1.28
Total PFNA	U	0.230	ng/L	1	2	2.00	0.230
PFNS	U	0.550	ng/L	1	2	2.00	0.550
Total PFOA	U	0.140	ng/L	1	2	2.00	0.140
PFOS	U	0.530	ng/L	1	2	2.00	0.530
PFOSA	U	0.710	ng/L	1	2	2.00	0.710

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Report of Analytical Results

SDG: SS6706
Lab ID: WG379896-1
Client ID: Method Blank
Matrix: AQ
Lab File ID: 3LC04664

Sample Date: N/A
Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Report Date: 24-NOV-25
Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
% Solids: N/A

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
PFPeA	U	1.18	ng/L	1	4	4.00	1.18
PFPeS	U	0.620	ng/L	1	2	2.00	0.620
PFTeDA	U	0.370	ng/L	1	2	2.00	0.370
PFTrDA	U	0.570	ng/L	1	2	2.00	0.570
PFUnA	U	0.450	ng/L	1	2	2.00	0.450
M-4:2 FTS-13C2		85.7	%				
M-6:2 FTS-13C2		86.6	%				
M-8:2 FTS-13C2		85.5	%				
M-GenX-13C3 (HFPO-DA)		101.	%				
M-NEtFOSAA-D5		44.9	%				
M-NEtFOSA-D5		47.1	%				
M-NEtFOSE-D9		61.5	%				
M-NMeFOSAA-D3		80.6	%				
M-NMeFOSA-D3		53.5	%				
M-NMeFOSE-D7		64.4	%				
M-PFBA-13C4		99.3	%				
M-PFBS-13C3		85.7	%				
M-PFDA-13C6		86.7	%				
M-PFDoA-13C2		73.3	%				
M-PFHpA-13C4		85.4	%				
M-PFHxA-13C5		85.6	%				
M-PFHxS-13C3		81.0	%				
M-PFNA-13C9		84.9	%				
M-PFOA-13C8		85.5	%				
M-PFOS-13C8		78.2	%				
M-PFOSA-13C8		78.8	%				
M-PFPeA-13C5		87.5	%				
M-PFTeDA-13C2		62.5	%				
M-PFUnA-13C7		90.3	%				

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LCS Recovery Report

Lab ID: WG379896-3
Client ID: LCS1
SDG: SS6706
LCS File ID: 3LC04666
Report Date: 24-NOV-25

Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	92.4	15.1	14.0	ng/L	55-160
3:3FTCA	106.	20.0	21.1	ng/L	65-130
4:2 FTS	120.	15.0	18.0	ng/L	70-145
5:3FTCA	109.	100.	109.	ng/L	70-135
6:2 FTS	115.	15.2	17.5	ng/L	65-155
7:3FTCA	101.	100.	101.	ng/L	50-145
8:2 FTS	113.	15.4	17.4	ng/L	60-150
9Cl-PF3ONS	107.	14.9	16.0	ng/L	70-155
ADONA	106.	15.1	16.1	ng/L	65-145
GenX (HFPO-DA)	108.	16.0	17.4	ng/L	70-140
NEtFOSA	126.	4.00	5.05	ng/L	65-145
NEtFOSAA	118.	4.00	4.73	ng/L	70-145
NEtFOSE	117.	40.0	47.0	ng/L	70-135
NFDHA	131.	8.00	10.4	ng/L	50-150
NMeFOSA	120.	4.00	4.79	ng/L	60-150
NMeFOSAA	108.	4.00	4.33	ng/L	50-140
NMeFOSE	116.	40.0	46.4	ng/L	70-145
PFBA	110.	16.0	17.5	ng/L	70-140
PFBS	108.	3.55	3.85	ng/L	60-145
PFDA	107.	4.00	4.27	ng/L	70-140
PFDoA	108.	4.00	4.30	ng/L	70-140
PFDoS	76.1	3.87	2.95	ng/L	50-145
PFDS	97.3	3.86	3.76	ng/L	60-145
PFEESA	108.	7.14	7.73	ng/L	70-140
PFHpA	107.	4.00	4.30	ng/L	70-145
PFHpS	111.	3.81	4.22	ng/L	70-150
PFHxA	114.	4.00	4.55	ng/L	70-145
Total PFHxS	108.	3.65	3.95	ng/L	65-145
PFMBA	107.	8.00	8.57	ng/L	60-150
PFMPA	104.	8.00	8.35	ng/L	55-140
Total PFNA	110.	4.00	4.39	ng/L	70-150
PFNS	103.	3.84	3.97	ng/L	65-145
Total PFOA	110.	4.01	4.39	ng/L	70-150
PFOS	108.	3.71	4.02	ng/L	55-150
PFOSA	112.	4.00	4.50	ng/L	70-145
PFPeA	109.	8.00	8.72	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379896-3
Client ID: LCS1
SDG: SS6706
LCS File ID: 3LC04666
Report Date: 24-NOV-25

Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	114.	3.76	4.31	ng/L	65-140
PFTeDA	116.	4.00	4.65	ng/L	60-140
PFTrDA	99.4	4.00	3.98	ng/L	65-140
PFUnA	114.	4.00	4.55	ng/L	70-145
M-4:2 FTS-13C2	98.0				40-200
M-6:2 FTS-13C2	97.0				40-200
M-8:2 FTS-13C2	92.3				40-300
M-GenX-13C3 (HFPO-DA)	99.3				40-130
M-NEtFOSAA-D5	46.2				25-135
M-NEtFOSA-D5	47.2				10-130
M-NEtFOSE-D9	60.2				10-130
M-NMeFOSAA-D3	82.6				40-170
M-NMeFOSA-D3	52.9				10-130
M-NMeFOSE-D7	66.6				10-130
M-PFBA-13C4	99.1				5-130
M-PFBS-13C3	93.1				40-135
M-PFDA-13C6	88.4				40-130
M-PFDoA-13C2	75.5				10-130
M-PFHpA-13C4	94.6				40-130
M-PFHxA-13C5	94.6				40-130
M-PFHxS-13C3	85.0				40-130
M-PFNA-13C9	91.3				40-130
M-PFOA-13C8	94.8				40-130
M-PFOS-13C8	78.1				40-130
M-PFOSA-13C8	75.4				40-130
M-PFPeA-13C5	97.8				40-130
M-PFTeDA-13C2	53.8				10-130
M-PFUnA-13C7	87.9				30-130

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LCS Recovery Report

Lab ID: WG379896-4
Client ID: LCS2
SDG: SS6706
LCS File ID: 3LC04667
Report Date: 24-NOV-25

Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
11Cl-PF3OUdS	108.	94.3	102.	ng/L	55-160
3:3FTCA	101.	125.	126.	ng/L	65-130
4:2 FTS	104.	93.7	97.4	ng/L	70-145
5:3FTCA	106.	625.	661.	ng/L	70-135
6:2 FTS	106.	95.1	101.	ng/L	65-155
7:3FTCA	98.7	625.	617.	ng/L	50-145
8:2 FTS	102.	96.0	98.0	ng/L	60-150
9Cl-PF3ONS	103.	93.3	95.7	ng/L	70-155
ADONA	97.9	94.5	92.5	ng/L	65-145
GenX (HFPO-DA)	99.8	100.	99.8	ng/L	70-140
NEtFOSA	110.	25.0	27.6	ng/L	65-145
NEtFOSAA	109.	25.0	27.2	ng/L	70-145
NEtFOSE	102.	250.	256.	ng/L	70-135
NFDHA	106.	50.0	52.8	ng/L	50-150
NMeFOSA	110.	25.0	27.6	ng/L	60-150
NMeFOSAA	97.4	25.0	24.3	ng/L	50-140
NMeFOSE	102.	250.	256.	ng/L	70-145
PFBA	103.	100.	103.	ng/L	70-140
PFBS	95.5	22.2	21.2	ng/L	60-145
PFDA	101.	25.0	25.2	ng/L	70-140
PFDoA	106.	25.0	26.6	ng/L	70-140
PFDoS	101.	24.2	24.4	ng/L	50-145
PFDS	105.	24.1	25.2	ng/L	60-145
PFEESA	89.2	44.6	39.8	ng/L	70-140
PFHpA	100.	25.0	25.1	ng/L	70-145
PFHpS	104.	23.8	24.8	ng/L	70-150
PFHxA	98.7	25.0	24.7	ng/L	70-145
Total PFHxS	101.	22.8	23.1	ng/L	65-145
PFMBA	99.5	50.0	49.8	ng/L	60-150
PFMPA	98.5	50.0	49.2	ng/L	55-140
Total PFNA	102.	25.0	25.6	ng/L	70-150
PFNS	99.6	24.0	23.9	ng/L	65-145
Total PFOA	101.	25.0	25.3	ng/L	70-150
PFOS	102.	23.2	23.6	ng/L	55-150
PFOSA	101.	25.0	25.2	ng/L	70-145
PFPeA	99.5	50.0	49.8	ng/L	65-135

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LCS Recovery Report

Lab ID: WG379896-4
Client ID: LCS2
SDG: SS6706
LCS File ID: 3LC04667
Report Date: 24-NOV-25

Extract Date: 18-NOV-25
Extracted By: CRG/AC
Extraction Method: 1633A
Lab Prep Batch: WG379896

Analysis Date: 19-NOV-25
Analyst: DBV
Analysis Method: 1633A
Matrix: AQ

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
PFPeS	108.	23.5	25.3	ng/L	65-140
PFTeDA	104.	25.0	25.9	ng/L	60-140
PFTrDA	98.8	25.0	24.7	ng/L	65-140
PFUnA	99.0	25.0	24.7	ng/L	70-145
M-4:2 FTS-13C2	75.2				40-200
M-6:2 FTS-13C2	68.1				40-200
M-8:2 FTS-13C2	64.9				40-300
M-GenX-13C3 (HFPO-DA)	78.4				40-130
M-NEtFOSAA-D5	42.1				25-135
M-NEtFOSA-D5	47.2				10-130
M-NEtFOSE-D9	61.6				10-130
M-NMeFOSAA-D3	64.3				40-170
M-NMeFOSA-D3	50.0				10-130
M-NMeFOSE-D7	64.8				10-130
M-PFBA-13C4	98.4				5-130
M-PFBS-13C3	65.8				40-135
M-PFDA-13C6	67.9				40-130
M-PFDoA-13C2	66.0				10-130
M-PFHpA-13C4	72.2				40-130
M-PFHxA-13C5	76.6				40-130
M-PFHxS-13C3	56.3				40-130
M-PFNA-13C9	70.2				40-130
M-PFOA-13C8	70.5				40-130
M-PFOS-13C8	53.0				40-130
M-PFOSA-13C8	66.2				40-130
M-PFPeA-13C5	79.6				40-130
M-PFTeDA-13C2	56.7				10-130
M-PFUnA-13C7	73.1				30-130

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SGS North America, Inc. - SCARBOROUGH — Sample Receipt Condition Report

Client: Phoenix		SGS PM: HHM		Sampled By: Client	
Project:		KIMS Entry By: ETP		Delivered By: SGS	
Work Order#: SS6704, SS6705, SS6706		KIMS Review By: HHM		Airbill #: N/A	
		Labeled By: ETP		Received By: KW	
SDG #:	Cooler: 1 of 2			Date/Time Rec.: 11/10/25 1330	

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?				/	
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?	/				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/				Temp (°C): 3.4 — Thermometer ID: IR-1
Samples received at <6 °C w/o freezing?	/				Note: Not required for metals (except Hg [mercury] soil) analysis.
Ice packs or ice present?	/				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	/				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				/	Note: No cooling process required for metals (except Hg [mercury] soil) analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				/	
Soil/Sediment:					
Received in airtight container?				/	
Received in methanol?				/	
Methanol covering soil?				/	
D.I. Water - Received within 48 hour HT?				/	
7. Trip Blank present in cooler?				/	
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				/	
Sulfide - >9, no headspace				/	
Cyanide – pH >12				/	
11. pH adjusted? Y / N Reagent used:	Reagent Lot#				Samples adjusted:

* Log-In Notes to Exceptions: document any problems with samples or discrepancies.

SGS North America, Inc. - SCARBOROUGH — Sample Receipt Condition Report

Client: Phoenix	SGS PM: HHM	Sampled By: Client
Project:	KIMS Entry By: GTP	Delivered By: SGS
Work Order#: SS6704, SS6705, SS6706	KIMS Review By: HHM	Airbill #: N/A
	Labeled By: GTP	Received By: KW
SDG #:	Cooler: 2 of 2	Date/Time Rec.: 11/10/25 1330

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?				/	
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?	/				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/				Temp (°C): 3.2 — Thermometer ID: IR-1
Samples received at <6 °C w/o freezing?	/				Note: Not required for metals (except Hg [mercury] soil) analysis.
Ice packs or ice present?	/				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	/				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				/	Note: No cooling process required for metals (except Hg [mercury] soil) analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				/	
Soil/Sediment:					
Received in airtight container?				/	
Received in methanol?				/	
Methanol covering soil?				/	
D.I. Water - Received within 48 hour HT?				/	
7. Trip Blank present in cooler?				/	
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				/	
Sulfide - >9, no headspace				/	
Cyanide – pH >12				/	
11. pH adjusted? Y / N Reagent used:	Reagent Lot#				Samples adjusted:

* Log-In Notes to Exceptions: document any problems with samples or discrepancies.

SS6706

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: SGS North America
Address: 600 Technology Way
Scarborough, ME
207-874-2400

Project #: GCU69454
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCU69454

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

	Phoenix Sample ID	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633A EPA 1633A	Client MS/MSD	500ml HDPE Plastic As Is	250 mL HDPE Plastic as is
	MW-01-20251106	GW	11/6/2025	10:45 AM	x		2	1
	MW-02-20251106	GW	11/6/2025	2:35 PM	x		2	1
	MW-03-20251106	GW	11/6/2025	3:00 PM	x		2	1
	MW-04-20251106	GW	11/6/2025	10:45 AM	x	x	4	3
	MW-05-20251106	GW	11/6/2025	11:06 AM	x		2	1
	MW-06-20251106	GW	11/6/2025	3:35 PM	x		2	1
	DUP-20251106	GW	11/6/2025		x		2	1
	FB-20251106	FB	11/6/2025	11:38 AM	x		2	1
	EB-20251106A	WTR	11/6/2025	11:43 AM	x		2	1

Relinquished by:	Accepted by:	Date:	Time:
		11-10-25	8:37
		11-10-25	8:37
		11-10-25	9:30
		11/11/25	10:32
		11/11/25	1330

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☒ NY ASP B

What State were samples collected?
NY

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

All Criteria Below Needed:

Login Number: SS6706

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU69454

Primary Report Address:

Helen Geoghegan
Phoenix Environmental Laboratories
587 East Middle Turnpike
PO BOX 370
Manchester, CT 06040

heleng@phoenixlabs.com

Primary Invoice Address:

Bobbi Aloisa
Phoenix Environmental Laboratories, inc
587 East Middle Turnpike
PO Box 370
Manchester,CT 06040

accountspayable@phoenixlabs.com

Report CC Addresses:
Invoice CC Addresses:

Quote/Incoming:

Login Information

ANALYSIS INSTRUCTIONS	:	Not DOD. Report 1633A full list of compounds. Standard PDF. Please use soil units of ug/kg.
CHECK NO.	:	
CLIENT PO#	:	GCU69454
CLIENT PROJECT MANAGE	:	Helen Geoghegan
CONTRACT	:	
COOLER TEMPERATURE	:	3.2, 3.4
DELIVERY SERVICES	:	SGS
EDD FORMAT	:	HOHPAKLA Dayton format
ISM INSTRUCTIONS	:	
LOGIN INITIALS	:	ETP
PM	:	HHM
PROJECT NAME	:	GCU69454
QC LEVEL	:	IV & II
REPORT INSTRUCTIONS	:	Email report to HelenG@PhoenixLabs.com. Email invoice to AccountsPayable@PhoenixLabs.com; HelenG@PhoenixLabs.com; sarah@phoenixlabs.com.
SDG ID	:	
SDG STATUS	:	
TEMPLATE	:	
VERBAL TAT	:	

Run Reports: Logindetail

Login Number: SS6706

Quote/Incoming:

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU69454

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS6706-1	MW-01-20251106	06-NOV-25 10:45	10-NOV-25		24-NOV-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-2	MW-02-20251106	06-NOV-25 14:35	10-NOV-25		24-NOV-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-3	MW-03-20251106	06-NOV-25 15:00	10-NOV-25		24-NOV-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-4	MW-04-20251106	06-NOV-25 10:45	10-NOV-25		24-NOV-25		
Sample Comments:	MS/MSD						
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-5	MW-05-20251106	06-NOV-25 11:06	10-NOV-25		24-NOV-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-6	MW-06-20251106	06-NOV-25 15:35	10-NOV-25		24-NOV-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-7	DUP-20251106	06-NOV-25 00:00	10-NOV-25		24-NOV-25		
Sample Comments:							
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-8	FB-20251106	06-NOV-25 11:38	10-NOV-25		24-NOV-25		
Sample Comments:	FB						
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						
SS6706-9	EB-20251106A	06-NOV-25 11:43	10-NOV-25		24-NOV-25		
Sample Comments:	EB						
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
Service	S WASTE-DISPOSAL						

Run Reports: Logindetail

Login Number: SS6706

Account: PHOENIXENVLAB001

Phoenix Environmental Laboratories

Project: GCU69454

Quote/Incoming:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Due Date	Verbal Due Date	Mailed
SS6706-10	MS CHARGE MW-04-20251106	06-NOV-25 10:45	10-NOV-25		24-NOV-25		
Sample Comments:	Not a sample, MS charge for SS6706-4.						
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		
SS6706-11	MSD CHARGE MW-04-20251106	06-NOV-25 10:45	10-NOV-25		24-NOV-25		
Sample Comments:	Not a sample, MSD charge for SS6706-4.						
Matrix	***Product***	***Hold Date (shortest)***	***Notes***		***Bottle Type***		
Aqueous	S 1633	04-DEC-25			500mL Plastic		

Total Samples: 11 ***Total Analyses: 20***

Run Reports: Logindetail

Bobbi Aloisa

From:	Bobbi Aloisa
Sent:	Thursday, December 04, 2025 5:09 PM
To:	Scott Spitzer
Cc:	Elizabeth Rigby
Subject:	CU69454 technical check

Hi Scott

The Lab Director reviewed the raw data and there was an issue with the retention time window, your observations are correct, the report is being revised to ND for this sample.

Thank you
Bobbi

Bobbi Aloisa
Vice President | Director of Client Services
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040
Direct Line: (860)-645-8728
www.phoenixlabs.com

From: Scott Spitzer <scott_spitzer@gbtpa.com>
Sent: Thursday, December 04, 2025 4:15 PM
To: Bobbi Aloisa <bobbi@phoenixlabs.com>
Cc: Elizabeth Rigby <Elizabeth_Rigby@gbtpa.com>
Subject: CU69454 technical check

Hi Bobbi,

CU69454, groundwater sample MW-01-20251106

We have a reported hit for 2,4,5-TP (Silvex) at 0.27 ppb, just above the RL range; the duplicate for this well, however, is non-detect, and 2,4,5-TP doesn't show up in any other groundwater samples. Can you have the technical team check on this value.

Scott Spitzer | Technical Director, Environmental Consulting | Gallagher Bassett Technical Services
22 IBM Road, Suite 101, Poughkeepsie, NY 12601
O: 845-452-1658 | D: 845-867-4717 | M: 518-708-4871
E: scott_spitzer@gbtpa.com

Alternate Point of Contact: richard_hooker@gbtpa.com | 845-867-4715

Disclaimer: The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

PHOENIX
Environmental Laboratories, Inc.

Friday, December 12, 2025

Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Project ID: 22003-0092
SDG ID: GCU87984
Sample ID#s: CU87984 - CU87989

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Gallagher Basset Technical Services

Project: 22003-0092

Laboratory Project: GCU87984

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 12, 2025 **SDG I.D.: GCU87984**

Gallagher Basset Technical Services 22003-0092

Methodology Summary

Hexavalent Chromium

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Colorimetric method 7196A
Standard Methods for the Examination of Waste and Wastewater, 20th edition. SM 3500CRB-20

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 12, 2025 **SDG I.D.: GCU87984**

Gallagher Basset Technical Services 22003-0092

Laboratory Chronicle

The samples in this delivery group were received at 1.7°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CU87984	Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87984	Dissolved Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87985	Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87985	Dissolved Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87986	Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87986	Dissolved Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87987	Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87987	Dissolved Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87988	Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87988	Dissolved Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87989	Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y
CU87989	Dissolved Chromium, Hexavalent	12/04/25	12/04/25	12/04/25	KL1	Y

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

December 12, 2025

SDG I.D.: GCU87984

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

December 12, 2025

SDG I.D.: GCU87984

Project ID: 22003-0092

Client Id	Lab Id	Matrix	Col Date
MW-01 20251204	CU87984	GROUND WATER	12/04/25 9:41
MW-02 20251204	CU87985	GROUND WATER	12/04/25 8:55
MW-03 20251204	CU87986	GROUND WATER	12/04/25 11:00
MW-04 20251204	CU87987	GROUND WATER	12/04/25 10:10
MW-05 20251204	CU87988	GROUND WATER	12/04/25 12:16
MW-06 20251204	CU87989	GROUND WATER	12/04/25 11:10

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 12, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/04/25	9:41
Location Code:	GALLAGHER	Received by:	SR1	12/04/25	17:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU87984
Phoenix ID: CU87984

Project ID: 22003-0092
Client ID: MW-01 20251204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dissolved Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:47	KL1	SM3500CRD-09
Miscellaneous								
Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:48	KL1	SM3500CRB-20

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 12, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 12, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/04/25	8:55
Location Code:	GALLAGHER	Received by:	SR1	12/04/25	17:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU87984
Phoenix ID: CU87985

Project ID: 22003-0092
Client ID: MW-02 20251204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dissolved Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:48	KL1	SM3500CRD-09
Miscellaneous								
Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:49	KL1	SM3500CRB-20

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 12, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 12, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/04/25	11:00
Location Code:	GALLAGHER	Received by:	SR1	12/04/25	17:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU87984
Phoenix ID: CU87986

Project ID: 22003-0092
Client ID: MW-03 20251204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dissolved Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:50	KL1	SM3500CRD-09
Miscellaneous								
Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:50	KL1	SM3500CRB-20

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 12, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 12, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/04/25	10:10
Location Code:	GALLAGHER	Received by:	SR1	12/04/25	17:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU87984
Phoenix ID: CU87987

Project ID: 22003-0092
Client ID: MW-04 20251204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dissolved Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:51	KL1	SM3500CRD-09
Miscellaneous								
Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:51	KL1	SM3500CRB-20

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 12, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 12, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/04/25	12:16
Location Code:	GALLAGHER	Received by:	SR1	12/04/25	17:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU87984
Phoenix ID: CU87988

Project ID: 22003-0092
Client ID: MW-05 20251204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dissolved Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:52	KL1	SM3500CRD-09
Miscellaneous								
Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:53	KL1	SM3500CRB-20

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 12, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 12, 2025

FOR: Attn: Erick Salazar
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/04/25	11:10
Location Code:	GALLAGHER	Received by:	SR1	12/04/25	17:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	22003-0092				

Laboratory Data

SDG ID: GCU87984
Phoenix ID: CU87989

Project ID: 22003-0092
Client ID: MW-06 20251204

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dissolved Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:54	KL1	SM3500CRD-09
Miscellaneous								
Chromium, Hexavalent	ND	0.01	0.01	mg/L	1	12/04/25 20:54	KL1	SM3500CRB-20

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 12, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 12, 2025

QA/QC Data

SDG I.D.: GCU87984

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 817227 (mg/L), QC Sample No: CU87320 (CU87984, CU87985, CU86986, CU87987, CU87988, CU87989)													
Chromium, Hexavalent	BRL	0.01	<0.01	<0.01	NC	102			107			90 - 110	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
December 12, 2025

Friday, December 12, 2025

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCU87984 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

December 12, 2025

SDG I.D.: GCU87984

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 1.7 C Coolant: IPK ☒ ICE ☐ Cooler: Yes ☒ No ☐ No ☐

NY/NJ/PA CHAIN OF CUSTODY RECORD

Pg 1 of 1

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
Phone:
Email(s):

Customer: Gallagher Bassett
Address: 22 IBM Rd, St. 101
Poughkeepsie, NY

Project: 22003-0092
Report to (name): Erick_Salazar@gbtpa.com
Invoice to: GBTS.Payables@gbtpa.com
QUOTE # :

Project P.O: 22003-0092

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **STW** = Storm Water
WW=Waste Water **RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid
W=Wipe **OIL**=Oil **B**=Bulk **L**=Liquid **X** = Other DI Water **(Must be defined)**

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	★ Time Sampled	*MS/MSD (May be billable at analysis unit rate)	Hexavalent Chromium (CR^{+6})	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] NAHSO4 [ ] NH4Cl	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz [ ]	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl [ ] Na_2SO_3	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO3 [ ] 250ml [ ] 1000ml	PL NAOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
87984	MW-01 20251204	GW	12/4/2025	9:41		x							2					
87985	MW-02 20251204			8:55		x							2					
87986	MW-03 20251204			11:00		x							2					
87987	MW-04 20251204			10:10		x							2					
87988	MW-05 20251204			12:16		x							2					
87989	MW-06 20251204			11:10		x							2					

Relinquished by:	Accepted by:	Date:	Time:
Jaime Sgrra		12-4-25	13:40
	12/4/25	17:10	

Comments, Special Requirements or Regulations:
Total and dissolved for Cr^{+6} analysis
★ per Sample (GW).

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Data Format:
☐ Phoenix Std Report ☒ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☒ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☒ 5 Days*
☒ Standard
* SURCHARGE

NJ
☐ SRS Res. Criteria
☐ SRS Non-Res.
☐ SRS Migration to GW
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☒ NY Enhanced (ASP B) *

NY
☒ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ Other:

State Samples Collected?
NY

Friday, December 05, 2025

Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Project ID: 22003-0092
SDG ID: GCU42440
Sample ID#s: CU42440 - CU42447

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Gallagher Basset Technical Services

Project: 22003-0092

Laboratory Project: GCU42440

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 05, 2025 **SDG I.D.: GCU42440**

Gallagher Basset Technical Services 22003-0092

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

December 05, 2025 **SDG I.D.: GCU42440**

Gallagher Basset Technical Services 22003-0092

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CU42440	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42441	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42442	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42443	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42444	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42445	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42446	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y
CU42447	Volatiles (TO15)	10/03/25	10/07/25	10/07/25	KCA	Y

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

December 05, 2025

SDG I.D.: GCU42440

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Revised Units

Version 3: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

December 05, 2025

SDG I.D.: GCU42440

Project ID: 22003-0092

Client Id	Lab Id	Matrix	Col Date
SV-01	CU42440	AIR	10/03/25 11:17
SV-02	CU42441	AIR	10/03/25 11:09
SV-03	CU42442	AIR	10/03/25 11:09
SV-04	CU42443	AIR	10/03/25 11:09
SV-05	CU42444	AIR	10/03/25 11:09
SV-06	CU42445	AIR	10/03/25 11:09
SV-07	CU42446	AIR	10/03/25 11:09
SV-08	CU42447	AIR	10/03/25 11:09

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:17
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49207				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42440

Project ID: 22003-0092
Client ID: SV-01

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15), Air										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.47	*1.02*	1.02	12.1	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	2.59	*1.22*	1.22	10.6	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	2.78	*1.02*	1.02	13.7	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	60.6	*2.11*	2.11	144	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	4.09	*1.57*	1.57	13.1	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-01

Phoenix I.D.: CU42440

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	6.58	*2.66*	2.66	12.4	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	4.34	*1.15*	1.15	18.8	*4.99*	4.99	10/07/25	KCA	5	
Heptane	1.30	*1.22*	1.22	5.32	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	2.06	*1.07*	1.07	9.6	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	14.7	*2.04*	2.04	36.1	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	17.8	*1.15*	1.15	77.2	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	54.6	*1.70*	1.70	161	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	6.40	*1.15*	1.15	27.8	*4.99*	4.99	10/07/25	KCA	5	
Propylene	5.00	*2.91*	2.91	8.60	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	66.8	*0.184*	0.184	453	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	17.2	*1.33*	1.33	64.8	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	96	*%*	%	96	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	85	*%*	%	85	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	84	*%*	%	84	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	92	*%*	%	92	*%*	%	10/07/25	KCA	5	

Project ID: 22003-0092 Phoenix I.D.: CU42440

Client ID: SV-01

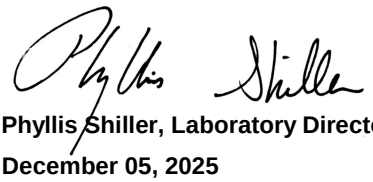
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	273				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42441

Project ID: 22003-0092
Client ID: SV-02

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15), Air										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	2.08	*1.22*	1.22	8.52	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	73.5	*2.11*	2.11	174	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	3.56	*1.57*	1.57	11.4	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-02

Phoenix I.D.: CU42441

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	9.11	*2.66*	2.66	17.2	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	2.60	*1.15*	1.15	11.3	*4.99*	4.99	10/07/25	KCA	5	
Heptane	1.34	*1.22*	1.22	5.49	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	1.96	*1.07*	1.07	9.13	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	23.4	*2.04*	2.04	57.5	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	7.72	*1.15*	1.15	33.5	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	50.9	*1.70*	1.70	150	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	2.26	*1.15*	1.15	9.8	*4.99*	4.99	10/07/25	KCA	5	
Propylene	4.36	*2.91*	2.91	7.50	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	67.0	*0.184*	0.184	454	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	16.8	*1.33*	1.33	63.3	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	99	*%*	%	99	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	87	*%*	%	87	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	86	*%*	%	86	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	90	*%*	%	90	*%*	%	10/07/25	KCA	5	

Ver 3

Project ID: 22003-0092 Phoenix I.D.: CU42441

Client ID: SV-02

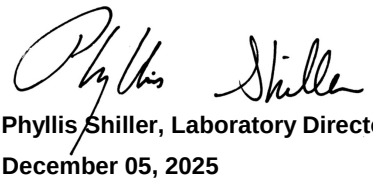
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49199				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42442

Project ID: 22003-0092
Client ID: SV-03

Volatiles (TO15), Air

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.30	*1.02*	1.02	11.3	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	1.76	*1.22*	1.22	7.21	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	2.59	*1.02*	1.02	12.7	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	44.2	*2.11*	2.11	105	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	6.20	*1.57*	1.57	19.8	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-03

Phoenix I.D.: CU42442

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	3.56	*2.66*	2.66	6.70	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	2.89	*1.15*	1.15	12.5	*4.99*	4.99	10/07/25	KCA	5	
Heptane	ND	*1.22*	1.22	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	1.48	*1.07*	1.07	6.90	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	3.93	*2.04*	2.04	9.7	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	11.5	*1.15*	1.15	49.9	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	27.2	*1.70*	1.70	80.2	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	4.03	*1.15*	1.15	17.5	*4.99*	4.99	10/07/25	KCA	5	
Propylene	ND	*2.91*	2.91	ND	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	49.2	*0.184*	0.184	333	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	13.2	*1.33*	1.33	49.7	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	85	*%*	%	85	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	87	*%*	%	87	*%*	%	10/07/25	KCA	5	

Ver 3

Project ID: 22003-0092 Phoenix I.D.: CU42442

Client ID: SV-03

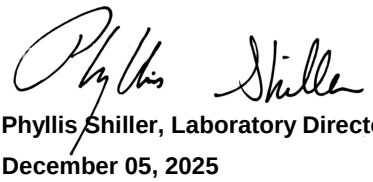
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23336				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42443

Project ID: 22003-0092
Client ID: SV-04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15), Air										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.18	*1.02*	1.02	10.7	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	1.93	*1.22*	1.22	7.90	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	2.60	*1.02*	1.02	12.8	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	50.0	*2.11*	2.11	119	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	6.56	*1.57*	1.57	20.9	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-04

Phoenix I.D.: CU42443

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	3.64	*2.66*	2.66	6.85	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	3.46	*1.15*	1.15	15.0	*4.99*	4.99	10/07/25	KCA	5	
Heptane	1.31	*1.22*	1.22	5.37	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	2.66	*1.07*	1.07	12.4	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	33.3	*2.04*	2.04	81.8	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	13.2	*1.15*	1.15	57.3	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	29.2	*1.70*	1.70	86.1	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	4.68	*1.15*	1.15	20.3	*4.99*	4.99	10/07/25	KCA	5	
Propylene	4.31	*2.91*	2.91	7.41	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	69.9	*0.184*	0.184	474	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	18.0	*1.33*	1.33	67.8	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	101	*%*	%	101	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	86	*%*	%	86	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	84	*%*	%	84	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	89	*%*	%	89	*%*	%	10/07/25	KCA	5	

Project ID: 22003-0092 Phoenix I.D.: CU42443

Client ID: SV-04

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
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Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19816				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42444

Project ID: 22003-0092
Client ID: SV-05

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15), Air										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.00	*1.02*	1.02	9.8	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	2.51	*1.22*	1.22	10.3	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	1.94	*1.02*	1.02	9.5	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	44.3	*2.11*	2.11	105	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	4.74	*1.57*	1.57	15.1	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-05

Phoenix I.D.: CU42444

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	4.24	*2.66*	2.66	7.98	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	1.93	*1.15*	1.15	8.38	*4.99*	4.99	10/07/25	KCA	5	
Heptane	ND	*1.22*	1.22	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	ND	*1.07*	1.07	ND	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	13.7	*2.04*	2.04	33.7	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	7.51	*1.15*	1.15	32.6	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	39.6	*1.70*	1.70	117	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	2.72	*1.15*	1.15	11.8	*4.99*	4.99	10/07/25	KCA	5	
Propylene	4.55	*2.91*	2.91	7.83	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	31.0	*0.184*	0.184	210	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	8.38	*1.33*	1.33	31.6	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	99	*%*	%	99	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	81	*%*	%	81	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	85	*%*	%	85	*%*	%	10/07/25	KCA	5	

Ver 3

Project ID: 22003-0092 Phoenix I.D.: CU42444

Client ID: SV-05

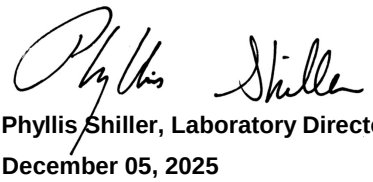
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	7304				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42445

Project ID: 22003-0092
Client ID: SV-06

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15), Air										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.96	*1.02*	1.02	14.5	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	1.08	*1.02*	1.02	5.31	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	2.84	*1.22*	1.22	11.6	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	3.13	*1.02*	1.02	15.4	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	52.2	*2.11*	2.11	124	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	4.87	*1.57*	1.57	15.5	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-06

Phoenix I.D.: CU42445

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	4.21	*2.66*	2.66	7.93	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	3.61	*1.15*	1.15	15.7	*4.99*	4.99	10/07/25	KCA	5	
Heptane	1.27	*1.22*	1.22	5.20	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	2.07	*1.07*	1.07	9.6	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	2.94	*2.04*	2.04	7.22	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	14.5	*1.15*	1.15	62.9	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	45.2	*1.70*	1.70	133	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	5.09	*1.15*	1.15	22.1	*4.99*	4.99	10/07/25	KCA	5	
Propylene	3.49	*2.91*	2.91	6.00	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	66.3	*0.184*	0.184	449	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	18.0	*1.33*	1.33	67.8	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	102	*%*	%	102	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	86	*%*	%	86	*%*	%	10/07/25	KCA	5	

Project ID: 22003-0092 Phoenix I.D.: CU42445

Client ID: SV-06

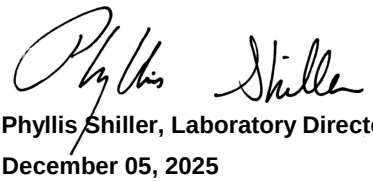
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28562				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42446

Project ID: 22003-0092
Client ID: SV-07

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15), Air										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.24	*1.02*	1.02	11.0	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	2.32	*1.22*	1.22	9.50	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	2.78	*1.02*	1.02	13.7	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	56.1	*2.11*	2.11	133	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	4.62	*1.57*	1.57	14.8	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-07

Phoenix I.D.: CU42446

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	ND	*2.66*	2.66	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	3.72	*1.15*	1.15	16.1	*4.99*	4.99	10/07/25	KCA	5	
Heptane	1.37	*1.22*	1.22	5.61	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	2.27	*1.07*	1.07	10.6	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	9.40	*2.04*	2.04	23.1	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	14.8	*1.15*	1.15	64.2	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	42.1	*1.70*	1.70	124	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	5.22	*1.15*	1.15	22.7	*4.99*	4.99	10/07/25	KCA	5	
Propylene	3.37	*2.91*	2.91	5.80	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	68.9	*0.184*	0.184	467	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	18.9	*1.33*	1.33	71.2	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	87	*%*	%	87	*%*	%	10/07/25	KCA	5	

Project ID: 22003-0092 Phoenix I.D.: CU42446

Client ID: SV-07

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	DS	10/03/25	11:09
Location Code:	GALLAGHER	Received by:	KD1	10/06/25	16:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12858				

Laboratory Data

SDG ID: GCU42440
Phoenix ID: CU42447

Project ID: 22003-0092
Client ID: SV-08

Volatiles (TO15), Air

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	10/07/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2,4-Trimethylbenzene	2.02	*1.02*	1.02	9.9	*5.01*	5.01	10/07/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	10/07/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	10/07/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	10/07/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	10/07/25	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
2-Hexanone(MBK)	3.94	*1.22*	1.22	16.1	*4.99*	4.99	10/07/25	KCA	5	1
4-Ethyltoluene	2.57	*1.02*	1.02	12.6	*5.01*	5.01	10/07/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	10/07/25	KCA	5	
Acetone	61.6	*2.11*	2.11	146	*5.01*	5.01	10/07/25	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	10/07/25	KCA	5	
Benzene	2.80	*1.57*	1.57	8.94	*5.01*	5.01	10/07/25	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	10/07/25	KCA	5	

Project ID: 22003-0092
Client ID: SV-08

Phoenix I.D.: CU42447

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	10/07/25	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	10/07/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	10/07/25	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	10/07/25	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	10/07/25	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	10/07/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	10/07/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	10/07/25	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	10/07/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	10/07/25	KCA	5	
Ethanol	ND	*2.66*	2.66	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	1
Ethylbenzene	3.55	*1.15*	1.15	15.4	*4.99*	4.99	10/07/25	KCA	5	
Heptane	1.34	*1.22*	1.22	5.49	*5.00*	5.00	10/07/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	10/07/25	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	10/07/25	KCA	5	
Isooctane	2.25	*1.07*	1.07	10.5	*4.99*	4.99	10/07/25	KCA	5	
Isopropylalcohol	2.10	*2.04*	2.04	5.16	*5.01*	5.01	10/07/25	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	10/07/25	KCA	5	
m,p-Xylene	14.2	*1.15*	1.15	61.6	*4.99*	4.99	10/07/25	KCA	5	
2-butanone	67.9	*1.70*	1.70	200	*5.01*	5.01	10/07/25	KCA	5	
methyl tert-butyl ether	ND	*1.39*	1.39	ND	*5.01*	5.01	10/07/25	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	10/07/25	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	10/07/25	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
o-Xylene	4.89	*1.15*	1.15	21.2	*4.99*	4.99	10/07/25	KCA	5	
Propylene	5.87	*2.91*	2.91	10.1	*5.01*	5.01	10/07/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	10/07/25	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	10/07/25	KCA	5	
Tetrachloroethene	62.3	*0.184*	0.184	422	*1.25*	1.25	10/07/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	10/07/25	KCA	5	1
Toluene	17.9	*1.33*	1.33	67.4	*5.01*	5.01	10/07/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	10/07/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	10/07/25	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	10/07/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	10/07/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	10/07/25	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	10/07/25	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	100	*%*	%	100	*%*	%	10/07/25	KCA	5	
% IS-1,4-Difluorobenzene	84	*%*	%	84	*%*	%	10/07/25	KCA	5	
% IS-Bromochloromethane	83	*%*	%	83	*%*	%	10/07/25	KCA	5	
% IS-Chlorobenzene-d5	86	*%*	%	86	*%*	%	10/07/25	KCA	5	

Project ID: 22003-0092 Phoenix I.D.: CU42447

Client ID: SV-08

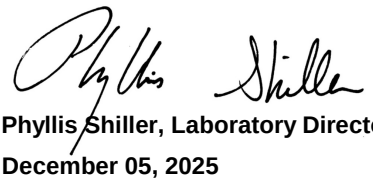
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 05, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

December 05, 2025

FOR: Attn:David Szabolcs
Gallagher Basset Technical Services
22 IBM Rd, Suite 101
Poughkeepsie, NY 12601

Location Code: GALLAGHER

SDG I.D.: GCU42440

Project ID: 22003-0092

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV-01	CU42440	49207	6.0L	10575	09/29/25	-30	-7	44	44	0.0	-30	-7	10/03/25 09:30	10/03/25 11:17
SV-02	CU42441	273	6.0L	10554	09/29/25	-30	-8.5	45	43	4.5	-29	-9	10/03/25 09:23	10/03/25 11:04
SV-03	CU42442	49199	6.0L	5705	09/29/25	-30	-6.5	44	44	0.0	-31	-7	10/03/25 09:17	10/03/25 11:07
SV-04	CU42443	23336	6.0L	10668	09/29/25	-30	-9	45	46	2.2	-29	-8	10/03/25 09:11	10/03/25 10:59
SV-05	CU42444	19816	6.0L	7025	09/29/25	-30	-8	43	45	4.5	-30	-9	10/03/25 08:58	10/03/25 10:55
SV-06	CU42445	7304	6.0L	10607	09/29/25	-30	-9	45	43	4.5	-30	-8	10/03/25 09:04	10/03/25 10:51
SV-07	CU42446	28562	6.0L	10578	09/29/25	-30	-6.5	44	44	0.0	-29	-9	10/03/25 08:48	10/03/25 10:35
SV-08	CU42447	12858	6.0L	3256	09/29/25	-30	-8.5	45	44	2.2	-30	-9	10/03/25 08:38	10/03/25 10:28

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

December 05, 2025

QA/QC Data

SDG I.D.: GCU42440

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 806769 (ppbv), QC Sample No: CU41209 (CU42440 (5X) , CU42441 (5X) , CU42442 (5X) , CU42443 (5X) , CU42444 (5X) , CU42445 (5X) , CU42446 (5X) , CU42447 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	93	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	104	2.03	2.00	0.413	0.408	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	113	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	105	4.99	4.89	1.07	1.05	1.9	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	127	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	105	1.85	1.75	0.376	0.357	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	118	1.31	1.27	0.321	0.311	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	102	237 E	240	100 E	101	1.0	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	136	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	94	2.30	2.22	0.721	0.696	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	109	0.52	0.51	0.083	0.081	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	108	1.63	1.66	0.792	0.802	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCU42440

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	0.200	ND	0.99	116	2.47	2.52	0.499	0.509	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	113	98.9 E	106	52.5 E	56.5	7.3	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	113	ND	1.54	ND	0.427	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	101	2.74	2.63	0.632	0.607	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	110	1.47	1.46	0.360	0.356	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	102	2.27	2.23	0.645	0.633	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	110	36.6	37.3	14.9	15.2	2.0	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	102	8.94	8.98	2.06	2.07	0.5	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	110	2.37	2.45	0.805	0.830	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	106	24.6	24.8	7.08	7.13	0.7	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	92	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	102	3.25	3.31	0.748	0.763	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	102	0.54	0.54	0.079	0.079	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	99	18.0	17.9	4.78	4.75	0.6	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	103	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	103	0.27	0.26	0.051	0.048	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	110	1.27	1.20	0.226	0.213	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	83	%	83	%	98	102	101	102	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	97	%	97	%	98	101	102	101	102	NC	60 - 140	25
% IS-Bromochloromethane	94	%	94	%	97	100	100	100	100	NC	60 - 140	25
% IS-Chlorobenzene-d5	96	%	96	%	105	101	103	101	103	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
December 05, 2025

Friday, December 05, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCU42440 - GALLAGHER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX
Environmental Laboratories, Inc.
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CHAIN OF CUSTODY RECORD
AIR ANALYSES
860-645-1102
email: greg@phoenixlabs.com

P.O. # _____ Page 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____
☐ Phone #: _____

Report to: David, Szabolcs	Project Name: 22003-0092	Data Format: (Circle) NYSDEC Equis / Excel / Other:	
Customer: Gallagher Bassett Tech. Services	Invoice to: Accounts Payable	Requested Deliverable: RCP / ASP CAT B	
Address: 22 IBM Rd Suite 101	gbts.payables@gbtpa.com	MCP / NJ Deliverables	
Poughkeepsie NY 12601	Sampled by: David, Szabolcs	Quote Number: BCP RI Implementation Soil Vapor Inv.	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
42440	SV-01	49207	6L	-30	-7	10575	44	9:30	11:17	10/3	-30	-7		X		X	
42441	SV-02	273	6L	-30	-8.5	10554	45	9:23	11:09	10/3	-29	-9		X		X	
42442	SV-03	49199	6L	-30	-6.5	5705	44	9:17	11:07	10/3	-31	-7		X		X	
42443	SV-04	23336	6L	-30	-9	10668	45	9:11	10:59	10/3	-29	-8		X		X	
42444	SV-05	19816	6L	-30	-8	7025	43	8:58	10:55	10/3	-30	-9		X		X	
42445	SV-06	7304	6L	-30	-9	10607	45	9:04	10:51	10/3	-30	-8		X		X	
42446	SV-07	28562	6L	-30	-6.5	10578	44	8:48	10:35	10/3	-29	-9		X		X	
42447	SV-08	12858	6L	-30	-8.5	3256	43	8:38	10:29	10/3	-30	-9		X		X	
														X		X	

Relinquished by:	Accepted by:	Date:	Time:	
[signature]	[signature]	10-6-25	13:30	I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:
[signature]	[signature]	10/6/25	16:24	Signature: [signature] Date: 10/3/25

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(8) - 6.0L 2hr, 8 connectors

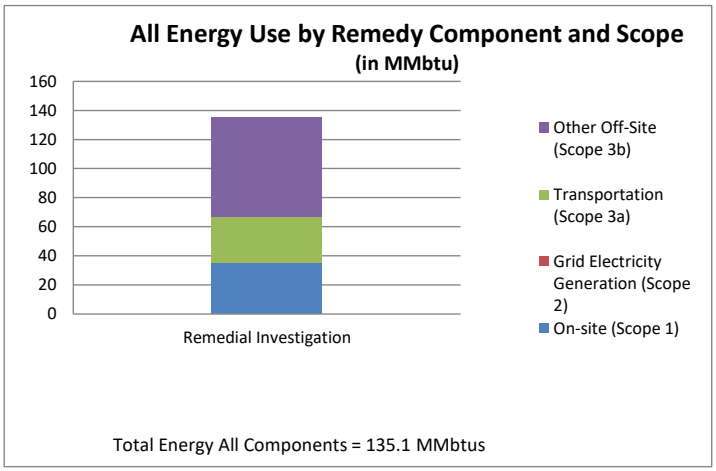
Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☒

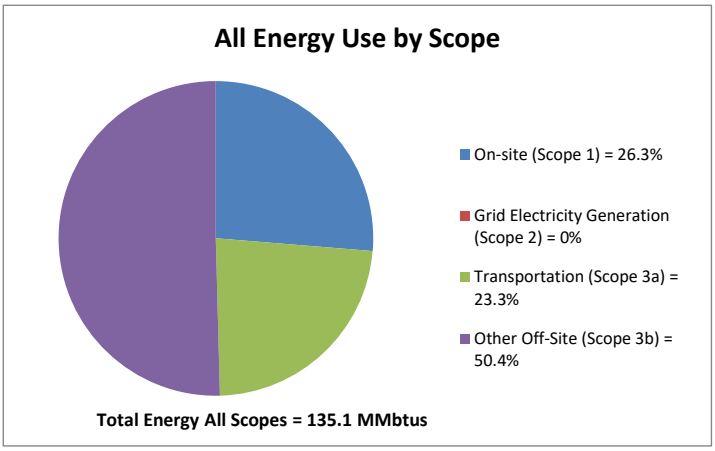
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air:	Indoor Air:	Vapor Intrusion	Indoor Air	Indoor Air
TAC RES	Residential	Residential		Residential	Residential
SVVC I/C	Ind/Commercial	Ind/Commercial		Non-residential	Industrial
SVVC RES	Soil Gas:	Soil Gas:			Sub-slab
GWV I/C	Residential	Residential			Residential
GWV CES	Ind/Commercial	Ind/Commercial			Industrial

APPENDIX D: Environmental Footprint Analysis



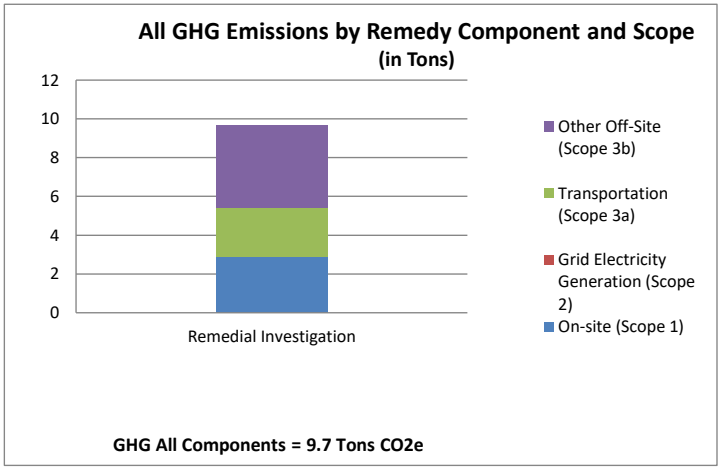


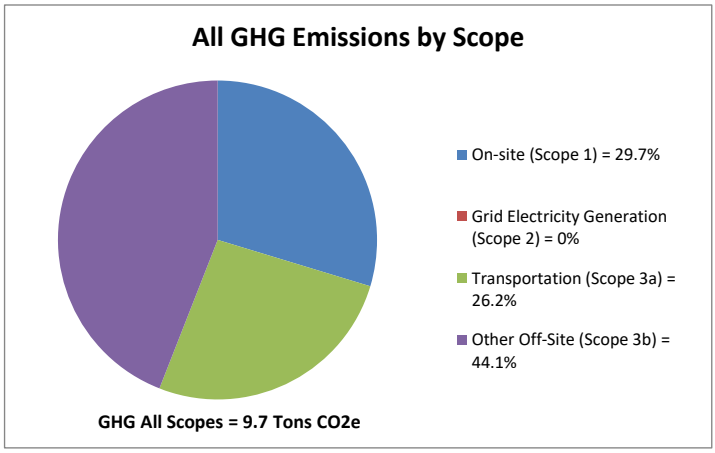
Total Energy MMbtus	Remedial Investigation
On-site (Scope 1)	35.5
Grid Electricity Generation (Scope 2)	0.0
Transportation (Scope 3a)	31.5
Other Off-Site (Scope 3b)	68.1
Total	135.1

Total Energy All Components = 135.1 MMbtus
Total Energy All Scopes = 135.1 MMbtus

On-site (Scope 1) = 26.3%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 23.3%
Other Off-Site (Scope 3b) = 50.4%

Total Fuel Footprints		Remedial Investigation
Diesel (gal)	Transportation	168.2
	On-site equipment	0
Gasoline (gal)	Transportation	65.4
	On-site equipment	0

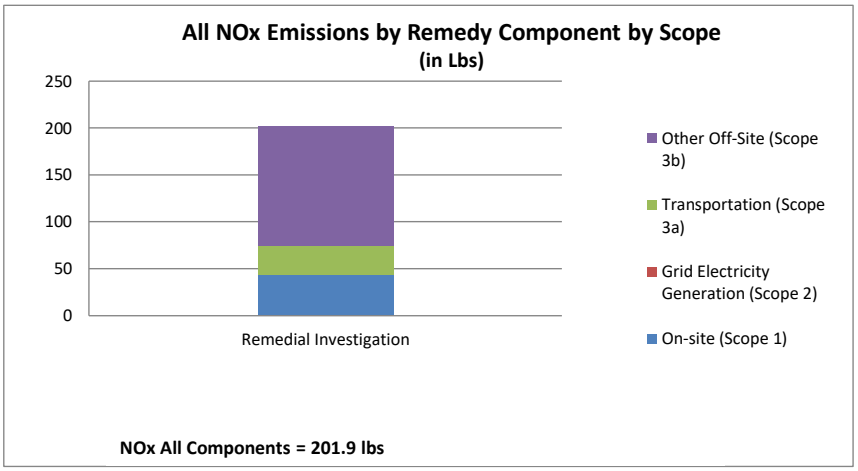


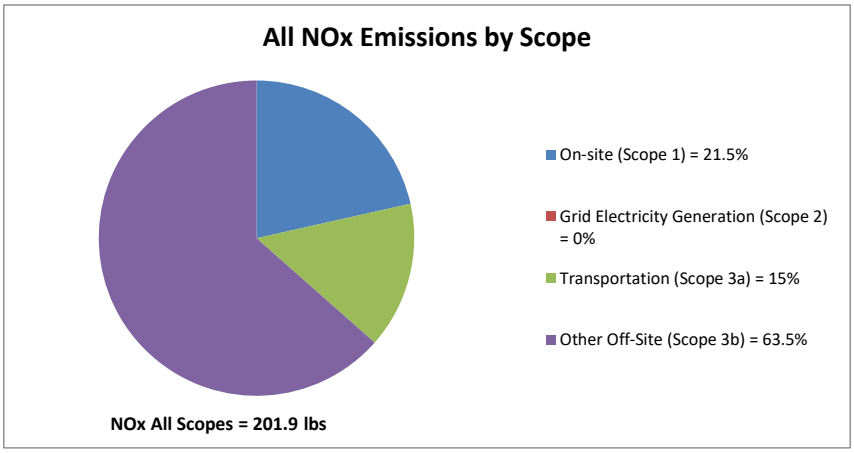


GHG Tons CO2e	Remedial Investigation
On-site (Scope 1)	2.9
Grid Electricity Generation (Scope 2)	0.0
Transportation (Scope 3a)	2.5
Other Off-Site (Scope 3b)	4.3
Total	9.7

GHG All Components = 9.7 Tons CO2e
GHG All Scopes = 9.7 Tons CO2e

On-site (Scope 1) = 29.7%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 26.2%
Other Off-Site (Scope 3b) = 44.1%

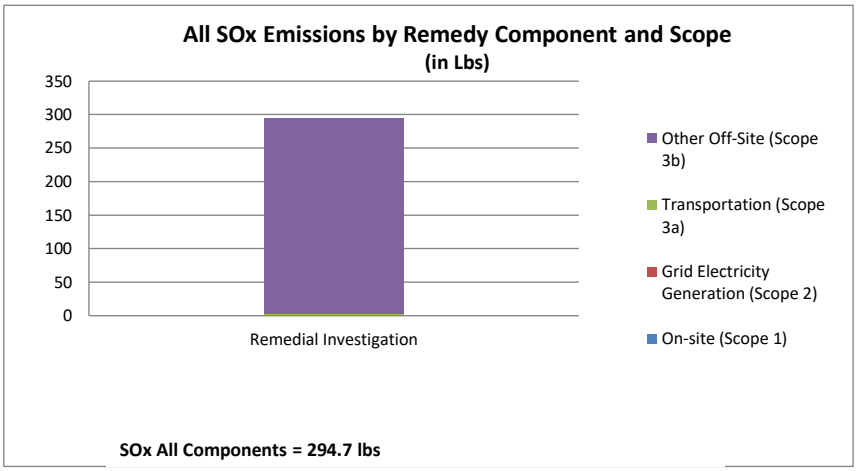


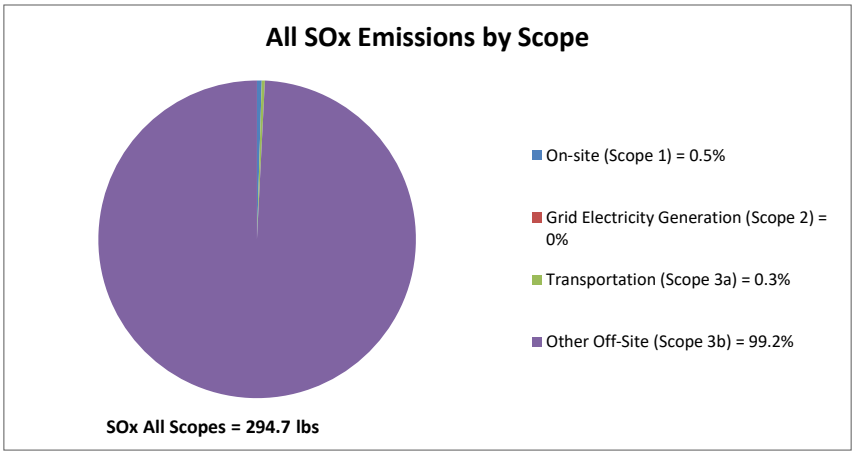


NOx lbs	Remedial Investigation
On-site (Scope 1)	43.4
Grid Electricity Generation (Scope 2)	0.0
Transportation (Scope 3a)	30.4
Other Off-Site (Scope 3b)	128.1
Total	201.9

NOx All Components = 201.9 lbs
NOx All Scopes = 201.9 lbs

On-site (Scope 1) = 21.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 15%
Other Off-Site (Scope 3b) = 63.5%

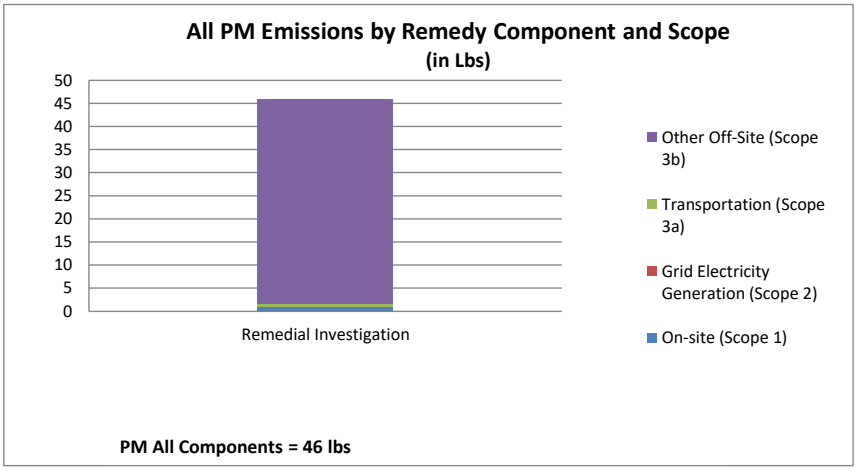


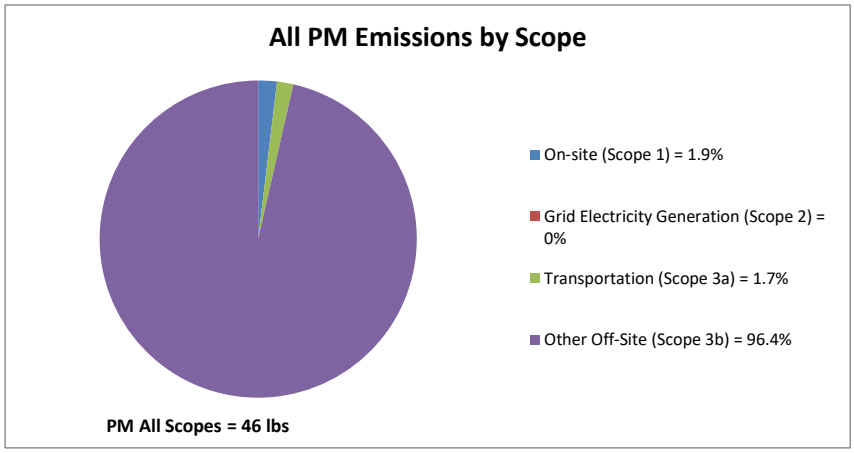


SOx lbs	Remedial Investigation
On-site (Scope 1)	1.4
Grid Electricity Generation (Scope 2)	0.0
Transportation (Scope 3a)	0.9
Other Off-Site (Scope 3b)	292.4
Total	294.7

SOx All Components = 294.7 lbs
SOx All Scopes = 294.7 lbs

On-site (Scope 1) = 0.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 0.3%
Other Off-Site (Scope 3b) = 99.2%

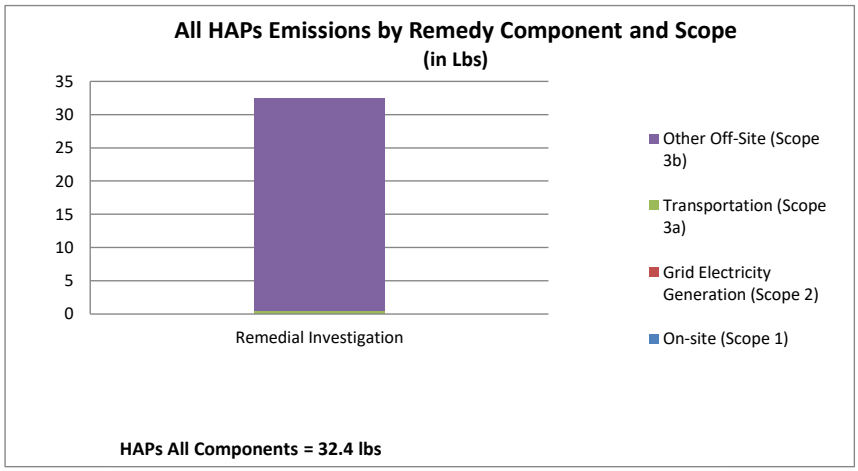


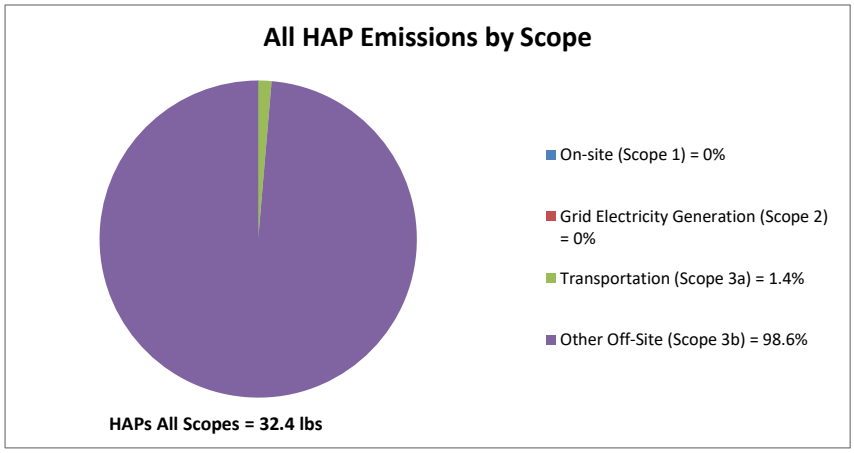


PM lbs	Remedial Investigation
On-site (Scope 1)	0.9
Grid Electricity Generation (Scope 2)	0.0
Transportation (Scope 3a)	0.8
Other Off-Site (Scope 3b)	44.3
Total	46.0

PM All Components = 46 lbs
PM All Scopes = 46 lbs

On-site (Scope 1) = 1.9%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 1.7%
Other Off-Site (Scope 3b) = 96.4%





HAPs lbs	Remedial Investigation
On-site (Scope 1)	0.0
Grid Electricity Generation (Scope 2)	0.0
Transportation (Scope 3a)	0.4
Other Off-Site (Scope 3b)	32.0
Total	32.4

HAPs All Components = 32.4 lbs
HAPs All Scopes = 32.4 lbs

On-site (Scope 1) = 0%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 1.4%
Other Off-Site (Scope 3b) = 98.6%

Environmental Footprint Summary

Core Element	Metric		Unit of Measure	Footprint
				Remedial Investigation
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.1
	M&W-2	% of refined materials from recycled or reused material	%	0.0%
	M&W-3	Unrefined materials used on-site	Tons	1.406
	M&W-4	% of unrefined materials from recycled or reused material	%	0.0%
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	0.0
	M&W-7	Recycled or reused waste	Tons	0.0
	M&W-8	% of total potential waste recycled or reused	%	
Water (used on-site)	W-1	Public water use	MG	0.0
	W-2	Groundwater use	MG	0.0
	W-3	Surface water use	MG	0.0
	W-4	Reclaimed water use	MG	0.0
	W-5	Storm water use	MG	0.0
	W-6	User-defined water resource #1	MG	0.0
	W-7	User-defined water resource #2	MG	0.0
	W-8	Wastewater generated	MG	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	135.1
	E-2	Energy voluntarily derived from renewable resources		
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0
	E-4	On-site grid electricity use	MWh	0.000
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	45.7
	A-2	On-site HAP emissions	Pounds	0.0
	A-3	Total NOx, SOx, and PM emissions	Pounds	542.5
	A-3A	Total NOx emissions	Pounds	201.9
	A-3B	Total SOx emissions	Pounds	294.7
	A-3C	Total PM emissions	Pounds	46.0
	A-4	Total HAP emissions	Pounds	32.4
	A-5	Total greenhouse gas emissions	Tons CO2e*	9.7
Land & Ecosystems	Elevated noise, and potential ecosystem and habitat disruption			

** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

Notes:

Remedial Investigation - Energy & Air Compiled Results

Category	Total Energy	GHG	NOx	SOx	PM	NOx + SOx + PM	HAPs
	MMbtus	lbs CO2e	lbs	lbs	lbs	lbs	lbs
On-site (Scope 1)	**35**	**5,746**	**43**	**1**	**1**	**46**	**0**
Grid Electricity Generation (Scope 2)	**0.000**	**0**	**0**	**0**	**0**	**0**	**0**
Transportation (Scope 3a)	**31**	**5,077**	**30**	**1**	**1**	**32**	**0**
Other Off-Site (Scope 3b)	**68**	**8,526**	**128**	**292**	**44**	**465**	**32**
Remedy Totals	**135**	**19,350**	**202**	**295**	**46**	**543**	**32**

Values that are forwarded to the "Summary" tab are indicated in orange.

Voluntary Renewable Energy Use	Unit	Quantity	
On-site renewable energy generation or use	MMBtu	**0**	
On-site biodiesel use	MMBtu	**0**	
Biodiesel and other renewable resource use for transportation	MMBtu	**0**	
On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	**0**	*(This value is the sum of the three rows above)*
Voluntary purchase of renewable electricity	MWh	**0**	
Voluntary purchase of RECs	MWh	**0**	

This worksheet is not intended for user input. Values on this worksheet are obtained from the following file:
The Green C336099_RI calculation.xlsx

Input Summary

Remedy Component Number →		1	2	3	4	5	6									Remedy Component Subtotals						
		Column headings in Row 6 must match the name of "Input" tabs in this workbook for Columns C - P in this table to be populated ("0" in Row 4 means "Input" tab is turned Off and will not be grouped to a Remedy Component (Columns Q - V) or used in subsequent calculations)																				
Item		RI	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
On-Site																						
On-site Renewable Energy																						
Renewable electricity generated on-site	MWh	0														0	0	0	0	0	0	0
Landfill gas combusted on-site for energy use	ccf CH_4	0														0	0	0	0	0	0	0
On-site biodiesel use	gal	0														0	0	0	0	0	0	0
On-site biodiesel use - Other	gal	0														0	0	0	0	0	0	0
User-defined on-site renewable energy use #1	TBD	0														0	0	0	0	0	0	0
User-defined on-site renewable energy use #2	TBD	0														0	0	0	0	0	0	0
On-Site Conventional Energy																						
Grid electricity	MWh	0														0	0	0	0	0	0	0
On-site diesel use - Other	Gal	255.375														255.375	0	0	0	0	0	255.375
On-site diesel use <75 hp	Gal	0														0	0	0	0	0	0	0
On-site diesel use 75<hp<750	Gal	0														0	0	0	0	0	0	0
On-site diesel use >750 hp	Gal	0														0	0	0	0	0	0	0
On-site gasoline use - Other	Gal	0														0	0	0	0	0	0	0
On-site gasoline use <25 hp	Gal	0														0	0	0	0	0	0	0
On-site gasoline use >25 hp	Gal	0														0	0	0	0	0	0	0
On-site natural gas use	ccf	0														0	0	0	0	0	0	0
On-site compressed natural gas use - Other	ccf	0														0	0	0	0	0	0	0
On-site compressed natural gas use	ccf	0														0	0	0	0	0	0	0
On-site liquified petroleum gas use - Other	gal	0														0	0	0	0	0	0	0
On-site liquified petroleum gas use	gal	0														0	0	0	0	0	0	0
Other forms of on-site conventional energy use #1	TBD	0														0	0	0	0	0	0	0
Other forms of on-site conventional energy use #2	TBD	0														0	0	0	0	0	0	0
Other On-site Emissions																						
On-site HAP process emissions	Lbs	0														0	0	0	0	0	0	0
On-site GHG emissions	Lbs CO2e	0														0	0	0	0	0	0	0
On-site carbon storage	Lbs CO2e	0														0	0	0	0	0	0	0
GHG avoided by flaring on-site landfill methane	ccf CH4	0														0	0	0	0	0	0	0
Other on-site NOx emissions or reductions	Lbs	0														0	0	0	0	0	0	0
Other on-site SOx emissions or reductions	Lbs	0														0	0	0	0	0	0	0
Other on-site PM emissions or reductions	Lbs	0														0	0	0	0	0	0	0
Electricity Generation																						
Grid electricity	MWh	0														0	0	0	0	0	0	0
Voluntary purchase of renewable electricity	MWh	0														0	0	0	0	0	0	0
Voluntary purchase of RECs	MWh	0														0	0	0	0	0	0	0
Transportation																						
Transportation Fuel Use Breakdown																						
Biodiesel use - Personnel Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Personnel Transport - User Defined	gal	0														0	0	0	0	0	0	0
Biodiesel use - Equipment Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Equipment Transport - User Defined	gal	0														0	0	0	0	0	0	0
Biodiesel use - Material Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Material Transport - User Defined	gal	0														0	0	0	0	0	0	0
Biodiesel use - Waste Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Waste Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Personnel Transport - other vehicles	gal	120.4														120.4	0	0	0	0	0	120.4
Diesel use - Personnel Transport - car	gal	0														0	0	0	0	0	0	0
Diesel use - Personnel Transport - passenger truck	gal	0														0	0	0	0	0	0	0
Diesel use - Personnel Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Equipment Transport	gal	47.8														47.8	0	0	0	0	0	47.8
Diesel use - Equipment Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Material Transport	gal	0														0	0	0	0	0	0	0
Diesel use - Material Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Waste Transport	gal	0														0	0	0	0	0	0	0
Diesel use - Waste Transport - User Defined	gal	0														0	0	0	0	0	0	0
Gasoline use - Personnel Transport - other vehicles	gal	0														0	0	0	0	0	0	0
Gasoline use - Personnel Transport - car	gal	65.4														65.4	0	0	0	0	0	65.4
Gasoline use - Personnel Transport - passenger truck	gal	0														0	0	0	0	0	0	0
Gasoline use - Personnel Transport - User Defined	gal	0														0	0	0	0	0	0	0
Gasoline use - Equipment Transport	gal	0														0	0	0	0	0	0	0
Gasoline use - Equipment Transport - User Defined	gal	0														0	0	0	0	0	0	0
Natural Gas use - Personnel Transport	ccf	0														0	0	0	0	0	0	0
Natural Gas use - Personnel Transport - User Defined	ccf	0														0	0	0	0	0	0	0
Natural Gas use - Equipment Transport	ccf	0														0	0	0	0	0	0	0

Input Summary

Remedy Component Number →		1	2	3	4	5	6									Remedy Component Subtotals						
		Column headings in Row 6 must match the name of "Input" tabs in this workbook for Columns C - P in this table to be populated ("0" in Row 4 means "Input" tab is turned Off and will not be grouped to a Remedy Component (Columns Q - V) or used in subsequent calculations)																				
Item		RI	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
Conventional Energy																						
Transportation diesel use	gal	168.2														168.2	0	0	0	0	0	168.2
Transportation gasoline use	gal	65.4														65.4	0	0	0	0	0	65.4
Transportation natural gas use	ccf	0														0	0	0	0	0	0	0
User-defined conventional energy transportation #1	TBD	10														10	0	0	0	0	0	10
User-defined conventional energy transportation #2	TBD	0														0	0	0	0	0	0	0
Renewable Energy																						
Transportation biodiesel use	gal	0														0	0	0	0	0	0	0
User-defined renewable energy transportation #1	TBD	0														0	0	0	0	0	0	0
User-defined renewable energy transportation #2	TBD	0														0	0	0	0	0	0	0
Off-Site																						
Construction Materials																						
Aluminum, Rolled Sheet	lb	0														0	0	0	0	0	0	0
Asphalt, mastic	lb	0														0	0	0	0	0	0	0
Asphalt, paving-grade	lb	0														0	0	0	0	0	0	0
Ethanol, Corn, 95%	lb	0														0	0	0	0	0	0	0
Ethanol, Corn, 99.7%	lb	0														0	0	0	0	0	0	0
Ethanol, Petroleum, 99.7%	lb	0														0	0	0	0	0	0	0
Gravel/Sand Mix, 65% Gravel	lb	0														0	0	0	0	0	0	0
Gravel/sand/clay	lb	0														0	0	0	0	0	0	0
HDPE	lb	0														0	0	0	0	0	0	0
Photovoltaic system (installed)	W	0														0	0	0	0	0	0	0
PVC	lb	172														172	0	0	0	0	0	172
Portland cement, US average	lb	1030																				
Ready-mixed concrete, 20 MPa	ft3	0														0	0	0	0	0	0	0
Round Gravel	lb	0														0	0	0	0	0	0	0
Sand	lb	1140														1140	0	0	0	0	0	1140
Stainless Steel	lb	0														0	0	0	0	0	0	0
Steel	lb	342														342	0	0	0	0	0	342
Other refined construction materials	lb	0														0	0	0	0	0	0	0
Other unrefined construction materials	lb	0														0	0	0	0	0	0	0
Treatment Materials & Chemicals																						
Cheese Whey	lbs	0														0	0	0	0	0	0	0
Emulsified vegetable oil	lbs	0														0	0	0	0	0	0	0
Granular activated carbon, primary	lbs	0														0	0	0	0	0	0	0
Granular activated carbon, regenerated	lbs	0														0	0	0	0	0	0	0
Hydrogen Peroxide, 50% in H2O	lbs	0														0	0	0	0	0	0	0
Iron (II) Sulfate	lbs	0														0	0	0	0	0	0	0
Lime, Hydrated, Packed	lbs	0														0	0	0	0	0	0	0
Molasses	lbs	0														0	0	0	0	0	0	0
Phosphoric Acid, 70% in H2O	lbs	0														0	0	0	0	0	0	0
Potassium Permanganate	lbs	0														0	0	0	0	0	0	0
Sodium Hydroxide, 50% in H2O	lbs	0														0	0	0	0	0	0	0
Other Treatment Chemicals & Materials	lbs	0														0	0	0	0	0	0	0
Material Type																						
Total Virgin Refined Materials	tons	0.086														0.086	0	0	0	0	0	0.086
Total Recycled Refined Materials	tons	0														0	0	0	0	0	0	0
Total Reused Refined Materials	tons	0														0	0	0	0	0	0	0
Total Refined Material	tons	0.086														0.086	0	0	0	0	0	0.086
Total Virgin Unrefined Materials	tons	1.406														1.406	0	0	0	0	0	1.406
Total Recycled Unrefined Materials	tons	0														0	0	0	0	0	0	0
Total Reused Unrefined Materials	tons	0														0	0	0	0	0	0	0
Total Unrefined Material	tons	1.406														1.406	0	0	0	0	0	1.406
Fuel Processing																						
Biodiesel produced	gal	0														0	0	0	0	0	0	0
Diesel produced	gal	423.575														423.575	0	0	0	0	0	423.575
Gasoline produced	gal	65.4														65.4	0	0	0	0	0	65.4
Compressed natural gas produced	ccf	0														0	0	0	0	0	0	0
Liquified petroleum gas produced	gal	0														0	0	0	0	0	0	0
Natural gas produced	ccf	0														0	0	0	0	0	0	0
Water Use																						
Public Water Supply	gal x 1000	0.066														0.066	0	0	0	0	0	0.066
Extracted Groundwater	gal x 1000	0.12142														0.12142	0	0	0	0	0	0.12142
Surface Water	gal x 1000	0														0	0	0	0	0	0	0
Reclaimed Water	gal x 1000	0														0	0	0	0	0	0	0
Collected/Diverted Storm Water	gal x 1000	0														0	0	0	0	0	0	0
User-defined water resource #1	gal x 1000	0														0	0	0	0	0	0	0
User-defined water resource #2	gal x 1000	0														0	0	0	0	0	0	0

Input Summary

Remedy Component Number →		1	2	3	4	5	6															
		Column headings in Row 6 must match the name of "Input" tabs in this workbook for Columns C - P in this table to be populated ("0" in Row 4 means "Input" tab is turned Off and will not be grouped to a Remedy Component (Columns Q - V) or used in subsequent calculations)														Remedy Component Subtotals						
Item		RI	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
Waste/Recycle Handling																						
Hazardous waste incineration	lbs	0														0	0	0	0	0	0	0
Off-site waste water treatment (POTW)	gal x 1000	0														0	0	0	0	0	0	0
Off-site non-hazardous waste landfill	tons	0														0	0	0	0	0	0	0
Off-site hazardous waste landfill	tons	0														0	0	0	0	0	0	0
Recycled/Reused On-Site	tons	0														0	0	0	0	0	0	0
Recycled/Reused Off-Site	tons	0														0	0	0	0	0	0	0
Solid Waste Totals																						
Total Non-Hazardous Waste	tons	0														0	0	0	0	0	0	0
Total Hazardous Waste	tons	0														0	0	0	0	0	0	0
Total Recycled/Reused	tons	0														0	0	0	0	0	0	0
Total Waste (all types)	tons	0														0	0	0	0	0	0	0
Lab Services																						
Off-site Laboratory Analysis - Other	sample	339														339	0	0	0	0	0	339
Off-site Laboratory Analysis - Metals	sample	66														66	0	0	0	0	0	66
Off-site Laboratory Analysis - Mercury	sample	66														66	0	0	0	0	0	66
Off-site Laboratory Analysis - Inorganic Anions	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Alkalinity	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Perchlorate	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Sulfate	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - PCBs	sample	66														66	0	0	0	0	0	66
Off-site Laboratory Analysis - VOCs	sample	80														80	0	0	0	0	0	80
Off-site Laboratory Analysis - SVOCs	sample	66														66	0	0	0	0	0	66
Resource Extraction for Electricity																						
Coal extraction and processing	MWh	0														0	0	0	0	0	0	0
Natural gas extraction and processing	MWh	0														0	0	0	0	0	0	0
Nuclear fuel extraction and processing	MWh	0														0	0	0	0	0	0	0
Oil extraction and processing	MWh	0														0	0	0	0	0	0	0
Other fuel extraction and processing	MWh	0														0	0	0	0	0	0	0
Electricity Transmission																						
Transmission and distribution losses	MWh	0														0	0	0	0	0	0	0

Input Summary

Remedy Component Number →		1	2	3	4	5	6															
		Column headings in Row 6 must match the name of "Input" tabs in this workbook for Columns C - P in this table to be populated ("0" in Row 4 means "Input" tab is turned Off and will not be grouped to a Remedy Component (Columns Q - V) or used in subsequent calculations)														Remedy Component Subtotals						
Item		RI	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
Other																						
BENSEAL (Sodium Bentonite)	50lb bag	6														6	0	0	0	0	0	6
User-defined material #2	TBD	0														0	0	0	0	0	0	0
User-defined material #3	TBD	0														0	0	0	0	0	0	0
User-defined material #4	TBD	0														0	0	0	0	0	0	0
User-defined material #5	TBD	0														0	0	0	0	0	0	0
User-defined material #6	TBD	0														0	0	0	0	0	0	0
User-defined material #7	TBD	0														0	0	0	0	0	0	0
User-defined material #8	TBD	0														0	0	0	0	0	0	0
User-defined material #9	TBD	0														0	0	0	0	0	0	0
User-defined material #10	TBD	0														0	0	0	0	0	0	0
User-defined material #11	TBD	0														0	0	0	0	0	0	0
User-defined material #12	TBD	0														0	0	0	0	0	0	0
User-defined material #13	TBD	0														0	0	0	0	0	0	0
User-defined material #14	TBD	0														0	0	0	0	0	0	0
User-defined material #15	TBD	0														0	0	0	0	0	0	0
User-defined material #16	TBD	0														0	0	0	0	0	0	0
User-defined material #17	TBD	0														0	0	0	0	0	0	0
User-defined material #18	TBD	0														0	0	0	0	0	0	0
User-defined material #19	TBD	0														0	0	0	0	0	0	0
User-defined material #20	TBD	0														0	0	0	0	0	0	0
User-defined Waste Destinations																						
User-defined recycled/reused on-site #1	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused on-site #2	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused on-site #3	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused off-site #1	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused off-site #2	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused off-site #3	TBD	0														0	0	0	0	0	0	0
User-defined non-hazardous waste destination #1	TBD	0														0	0	0	0	0	0	0
User-defined non-hazardous waste destination #2	TBD	0														0	0	0	0	0	0	0
User-defined non-hazardous waste destination #3	TBD	0														0	0	0	0	0	0	0
User-defined hazardous waste destination #1	TBD	0														0	0	0	0	0	0	0
User-defined hazardous waste destination #2	TBD	0														0	0	0	0	0	0	0
User-defined hazardous waste destination #3	TBD	0														0	0	0	0	0	0	0

Input Worksheet for RI

Please specify which Remedy Component this Input worksheet is part of: (Select "Off" to exclude this Input worksheet from calculations and results)	**Component 1**	**Remedial Investigation**

General Scope

Investigation scope includes: extension of 20 boring until refusal, the intallation of 8 soil vapor points, and the installation of 6 groundwater monitoring wells, and the sampling and analysis of collected media.

Example Items Eliminated through Screening Process

Materials transported with driller

Other Notes and References

SOIL
10/1/2025 - 10/3/2025: sampling 2SB-01 through 2SB-20; vapor point installation
SOIL VAPOR
SV-01 through SV-08 collected on 10/3/2025
GROUNDWATER
MW-01 through MW-06 installed from 10/27/2025 through 10/30/2025
Samples collected on 11/6/2025 and on 12/4/2025

8' of water per well following install (10' screen installed 2' above and 8' below groundwater interface)

Personnel Transportation

Participant	Number of Roundtrips to Site	Roundtrip Distance to Site (miles)	Mode of Transportation*	Transport Fuel Type*	Total Distance Transported (miles)	Default Fuel Usage Rate**	Fuel Usage Rate Override**	Fuel Used for Personnel Transport**	Activity or Notes
Gallagher Bassett Technical Services (GBTS)	5	31	Car	Gasoline	155	25	39	4	Soil, Vapor, and Groundwater Sampling - Hybrid Fleet Vehicle
GBTS	8	28	Car	Gasoline	224	25		9	Soil, SV, GW Sampling, Well Install, Surveying - Personal Vehicle
GBTS	1	31	Car	Gasoline	31	25		1.2	Well Install - Personal Vehicle
CoreDown Drilling	3	63	Heavy-Duty Truck	Diesel	189	7.55		25	Soil & Soil Vapor
Aquifer Drilling & Testing (ADT)	4	180	Heavy-Duty Truck	Diesel	720	7.55		95.4	Well Installation
Nova Geophysical	1	147	Car	Gasoline	147	25		5.9	GPR
NYSDEC PM	1	42	Car	Gasoline	42	25		1.7	visited site 10/2/2025
Phoenix Lab Courier (from GBTS Poughkeepsie office)	3	219	Car	Gasoline	657	25		26.3	
Phoenix Lab Courier (from site)	2	216	Car	Gasoline	432	25		17.3	groundwater samples

**** See the "Detailed Notes and Explanations" tab for explanation of transport and fuel options.***

***** for biodiesel, B20, diesel, and gasoline, units are gallons for Fuel Used and miles/gallon for Fuel Usage Rate; for natural gas, units are hundreds of cubic feet (ccf) for Fuel Used and ccf/miles for Fuel Usage Rate; for electricity, units are miles/kWh for Fuel Usage Rate and the kWh (Fuel Used) are added to total grid electricity used (cell G69).***

On-Site Equipment Use and Transportation

Equipment Type*	HP*	Load Factor (%)*	Equipment Fuel Type**	Equipment Fuel Usage Rate	Equipment Hours Operated	Fuel Used for On-site Equipment	Equipment weight (tons)	Number of Equipment Roundtrips to Site	Roundtrip Distance to Site (miles)	Total Distance Transported (miles)	Mode of Transportation	Transport Fuel Type***	Default Transport Fuel Usage Rate (gptm or mpg)	Transport Fuel Usage Rate Override (gptm or mpg)	Fuel Used for Equipment Transport (gallons)	Activity or Notes
Drilling - direct push (60 HP)	65	75%	Diesel	2.4375	24	58.5	3.125	1	63	63	Truck single unit (gptm)	Diesel	0.032258065		6.4	6712DT - Soil and Soil Vapor
Drilling - direct push (60 HP)	65	75%	Diesel	2.4375	30	73.125	4.78	1	180	180	Truck single unit (gptm)	Diesel	0.032258065		27.8	7822DT - Well Install
Rotary-screw air compressor - 250 cfm (60 HP)	110	75%	Diesel	4.125	30	123.75	2.3485	1	180	180	Truck single unit (gptm)	Diesel	0.032258065		13.6	

**** HP and Load Factor must be entered by user in Columns C and D. Please see the "Detailed Notes and Explanations" tab for further explanation.***

***** For biodiesel, B20, diesel, gasoline, and liquified petroleum gas, units are gallons for Fuel Used for On-site Equipment and gallons/hr for Equipment Fuel Usage Rate; for compressed natural gas units are ccf (hundreds of cubic feet) for Fuel Used for On-site Equipment and ccf/hr for Equipment Fuel Usage Rate.***

****** Please see the "Detailed Notes and Explanations" tab for instructions on selecting mode of transportation and other aspects of data entry in Columns M, N, and P. Units are gallons for Fuel Used for Equipment Transport and miles/gallon (mpg) or gallons per ton-mile (gptm) for Transport Fuel Usage Rate.***

Input Worksheet for RI

Remedy Component that this Input worksheet is part of:	Component 1	Remedial Investigation

On-Site Electricity Use

Equipment Type	HP	Load Factor (%)	Efficiency (%)	Electrical Rating (kW)	Hours Used	Energy Used (kWh)	Notes
<Equip. with HP, Efficiency, and Hours>							
<Equip. with HP, Efficiency, and Hours>							
<Equip. with HP, Efficiency, and Hours>							
<Equip. with HP, Efficiency, and Hours>							
<Equip. with known kW rating>							
<Equip. with known kW rating>							
<Equip. with known kW rating>							
<Equip. with known kW rating>							
<Equip. with known total Energy Used>							
<Equip. with known total Energy Used>							
<Equip. with known total Energy Used>							
<Equip. with known total Energy Used>							
Estimated Total Electricity Usage Based on Above						0	
Renewable Electricity Generated On-Site*							
Total Electricity Usage Based on Personnel Transportation						0	
Total Grid Electricity Used						0	

**** Electricity generated on-site from renewable resources, for which the facility retains the rights to the renewable energy (i.e., does not sell renewable energy certificates associated with the renewable energy generation).***

On-Site Natural Gas Use

Equipment Type	Power Rating (Btu/hr)	Efficiency (%)	Hours Used	Energy Required (Btu)	Natural Gas Used (ccf)	Notes
					0	
				0		
Totals			0	0	0	

Landfill Gas Combusted On-Site for Energy Use

Equipment Type	Landfill Gas (ccf)	% Methane by volume	Used for electricity?	Landfill Gas Methane Used (ccf)	Notes
				0	
				0	
				0	
Total				0	

Please see the "Detailed Notes and Explanations" tab for instructions on using the two tables above ("On-site Natural Gas Use" and "Landfill Gas Combusted On-Site for Energy Use"). In the two tables above, ccf = hundreds of cubic feet.

Materials Use and Transportation

Material Type*	Unit	Quantity	Tons	Is the Material Refined or Unrefined?**	Material Source: Virgin, Recycled, or Reused?**	Calculate Item Footprint?**	Default One-way Distance to Site (miles)	One-way Distance to Site Override (miles)	Number of One-way Trips to Site	Include Return Trip in Calculations?	Total Distance Transported (miles)	Mode of Transportation***	Transport Fuel Type	Default Transport Fuel Usage Rate (gptm or mpg)	Transport Fuel Usage Rate Override (gptm or mpg)	Fuel Used for Materials Transport (gallons)	Notes and Description of Materials
PVC	lb	110	0.055	Refined	Virgin	Yes	500				500						**Well install**
Steel	lb	342	0.171	Unrefined	Virgin	Yes	500				500						stell stickup casing
Portland cement, US average	lb	1030	0.515	Unrefined	Virgin	Yes	25				25						
Sand	lb	1140	0.57	Unrefined	Virgin	Yes	25				25						#2 Silica Sand
BENSEAL (Sodium Bentonite)	50lb bag	6	0.15	Unrefined	Virgin	Yes	500				500						
PVC	lb	62	0.031	Refined	Virgin	Yes	500				500						5' Macro Sleeves - 1 box of 66 liners is 62lb
			0														
			0														
			0														
			0														
			0														
			0														
			0														
			0														
			0														
			0														
			0														
			0														

**** Please see the "Detailed Notes and Explanations" tab for instructions on specifying "User-Defined Materials" in the dropdown menu.***

***** Selections must be made in Columns F - H in order for the footprint calculations to be performed. Please see the "Detailed Notes and Explanations" tab for further information.***

****** Please see the "Detailed Notes and Explanations" tab for instructions on selecting mode of transportation, accounting for empty return trips, and other aspects of data entry in Columns L, N, O, and Q. Units are gallons for Fuel Used for Materials Transport and miles/gallon (mpg) or gallons per ton-mile (gptm) for Transport Fuel Usage Rate.***

Input Worksheet for RI

Remedy Component that this Input worksheet is part of:	Component 1	Remedial Investigation

Waste Disposal and Transportation

Waste Destination*	Unit	Quantity	Tons	Default One-way Distance to Site (miles)	One-way Distance to Site Override (miles)	Number of One-way Trips to Site	Include Return Trip in Calculations?	Total Distance Transported (miles)	Mode of Transportation**	Transport Fuel Type	Default Transport Fuel Usage Rate (gptm or mpg)	Transport Fuel Usage Rate Override (gptm or mpg)	Fuel Used for Waste Transport (gallons)	Notes and Description of Waste
			0											
			0											
			0											
			0											
			0											
			0											
			0											
			0											
			0											
			0											
			0											
			0											

**** No footprint is calculated for the Recycled/Reused On-Site and Off-Site selections. Please see the "Detailed Notes and Explanations" tab for instructions on specifying "User-Defined" selections in the dropdown menu.***

***** Please see the "Detailed Notes and Explanations" tab for instructions on selecting mode of transportation, accounting for empty return trips, and other aspects of data entry in Columns I, K, L, and N. Units are gallons for Fuel Used for Waste Transport and miles/gallon (mpg) or gallons per ton-mile (gptm) for Transport Fuel Usage Rate.***

Type of Water Used

Source of Water Used*	Unit	Quantity	Tons	Source Location/Aquifer (optional)	Quality of Water Used (optional)	Water Uses (optional)	Fate of Used Water (optional)
Public Water	gal x 1000	0.066	0.27522			for well install	
Extracted Groundwater	gal x 1000	0.0235	0.097995			well development purging	
Extracted Groundwater	gal x 1000	0.09792	0.4083264			stabilization purging	
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				
			0				

**** Only the "Public Water" selection has an associated footprint. No footprint is calculated for the other water source selections.***

Note: Information entered in Columns F - V (Source/Quality/Use/Fate) is not compiled or reported by SEFA.

Input Worksheet for RI

Remedy Component that this Input worksheet is part of:	Component 1	Remedial Investigation

Other Energy Use and Air Emissions

Item		Units	Quantity	Notes
On-Site				
User-defined on-site conventional energy use #1	*User-Defined	TBD		
User-defined on-site conventional energy use #2	*User-Defined	TBD		
On-site HAP process emissions**		lbs		
On-site GHG emissions**		lbs CO2e		
On-site carbon storage**		lbs CO2e		
Landfill gas flared on-site		ccf CH4		
Other on-site NOx emissions or reductions**		lbs		
Other on-site SOx emissions or reductions**		lbs		
Other on-site PM emissions or reductions**		lbs		
Transportation		Units	Quantity	Notes
User-defined conventional energy transportation #1	*User-Defined	TBD	10	
User-defined conventional energy transportation #2	*User-Defined	TBD		

**** Enter units and conversion factors on "User Defined Factors" tab***
***** Enter a positive number for emissions and a negative number for reductions, avoidances, or storage***
See the "Detailed Notes and Explanations" tab for use of this table.

Other Voluntary Renewable Energy Use

Item		Units	Quantity	Notes
User-defined on-site renewable energy use #1	*User-Defined	TBD		
User-defined on-site renewable energy use #2	*User-Defined	TBD		
User-defined renewable energy transportation #1	*User-Defined	TBD		
User-defined renewable energy transportation #2	*User-Defined	TBD		
Voluntary purchase of renewable electricity**		MWh		
Voluntary purchase of RECs**		MWh		

**** Enter units and conversion factors on "User Defined Factors" tab***
***** Complete information on provider in the table to the right. No footprint reductions are associated with the voluntary purchases.***
See the "Detailed Notes and Explanations" tab for use of this table

Off-Site Laboratory Analysis

Parameter and Notes	Number of Samples	Comments
Off-site Laboratory Analysis - VOCs	72	
Off-site Laboratory Analysis - SVOCs	66	
Off-site Laboratory Analysis - Metals	66	
Off-site Laboratory Analysis - Mercury	66	
Off-site Laboratory Analysis - PCBs	66	
Off-site Laboratory Analysis - Other	66	
Off-site Laboratory Analysis - Other	74	
Off-site Laboratory Analysis - Other	68	
Off-site Laboratory Analysis - Other	65	
Off-site Laboratory Analysis - Other	66	
Off-site Laboratory Analysis - VOCs	8	
Totals	**683**	

Description of purchased renewable electricity (green pricing product or green marketing product)	Provider:	
	Type of product:	
	Type of renewable energy source:	
	Date of renewable system installation:	
Description of purchased RECs	Provider:	
	Type of renewable energy source:	
	Date of renewable system installation:	
	Location of renewable system installation:	

Remedial Investigation - On-Site Footprint (Scope 1)

Contributors to Footprints	Units	Usage	Energy		GHG		NOx		SOx		PM		HAPs	
			Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
On-Site														
On-site Renewable Energy														
Renewable electricity generated on-site	MWh	0	3.413	0										
Landfill gas combusted on-site for energy use	ccf CH4	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
On-site biodiesel use	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
On-site biodiesel use - User Defined	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
User-defined on-site renewable energy use #1	gal	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined on-site renewable energy use #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site Renewable Energy Subtotals				**0**		**0**		**0**		**0**		**0**		**0**
Notes:														
On-site Conventional Energy														
On-site grid electricity	MWh	0	3.413	0										
On-site diesel use - Other	Gal	255.375	0.139	35.497125	22.5	5745.9375	0.17	43.41375	0.0054	1.379025	0.0034	0.868275	0.0000052	0.001328
On-site diesel use <75 hp	Gal	0	0.139	0	22.21	0	0.1565	0	0.000145	0	0.0145	0	0.00004	0
On-site diesel use 75<hp<750	Gal	0	0.139	0	22.24	0	0.101	0	0.00013	0	0.009	0	0.00004	0
On-site diesel use >750 hp	Gal	0	0.139	0	22.24	0	0.149	0	0.00013	0	0.006	0	0.00004	0
On-site gasoline use - Other	Gal	0	0.124	0	19.6	0	0.11	0	0.0045	0	0.00054	0	0.000039	0
On-site gasoline use <25 hp	Gal	0	0.124	0	17.48	0	0.037	0	0.00025	0	0.165	0	0.00008	0
On-site gasoline use >25 hp	Gal	0	0.124	0	19.93	0	0.032	0	0.00029	0	0.002	0	0.00009	0
On-site natural gas use	ccf	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
On-site compressed natural gas use - Other	ccf	0	NP		1957.835	0	16.0325	0	0.023045	0	0.2775	0	0	0
On-site compressed natural gas use	ccf	0	NP		1957.835	0	16.0325	0	0.023045	0	0.2775	0	0	0
On-site liquified petroleum gas use - Other	gal	0	NP		12.69	0	0.021	0	0.00013	0	0.001	0	0	0
On-site liquified petroleum gas use	gal	0	NP		12.69	0	0.021	0	0.00013	0	0.001	0	0	0
Other forms of on-site conventional energy use #1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of on-site conventional energy use #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
On-site Conventional Energy Subtotals				**35**		**5,746**		**43**		**1**		**1**		**0**
Notes:														
Other On-site Emissions														
On-site HAP process emissions	lbs	0											1	0
On-site GHG emissions	lbs CO2e	0			1	0								
On-site carbon storage	lbs CO2e	0			1	0								
GHG avoided by flaring on-site landfill methane	Lbs	0			-262	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
Other on-site NOx emissions or reductions	lbs	0					1	0						
Other on-site SOx emissions or reductions	lbs	0							1	0				
Other on-site PM emissions or reductions	lbs	0									1	0		
User-defined recycled/reused on-site #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined recycled/reused on-site #3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined recycled/reused off-site #1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes:														
On-site Totals				**35.50**		**5,746**		**43**		**1**		**1**		**0**

Remedial Investigation - Electricity Generation Footprint (Scope 2)

Contributors to Footprints	Units	Usage	Energy		GHG		NOx		SOx		PM		HAPs	
			Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
Electricity Generation														
Grid electricity	MWh	0	6.929	0	1124.3	0	2.2421	0	4.6078874	0	0.057518	0	0.2102371	0
Voluntary purchase of renewable electricity	MWh	0												
Voluntary purchase of RECs	MWh	0												
Notes:														

Remedial Investigation - Transportation Footprint (Scope 3a)

Category	Units	Usage	Energy		Greenhouse Gas		NOx		SOx		PM		HAPs	
			Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
Conventional Energy														
Transportation diesel use	gal	168.2	0.139	23.3798	22.5	3784.5	0.17	28.594	0.0054	0.90828	0.0034	0.57188	0.0000052	0.0008746
Transportation diesel use - car	gal	0	0.139	0	22.57	0	0.015	0	0.0002	0	0.003	0	0.00252	0
Transportation diesel use - passenger truck	gal	0	0.139	0	22.545	0	0.0585	0	0.0002	0	0.007	0	0.002605	0
Transportation diesel use - User Defined	gal	0	0.139	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0.0000052	0
Transportation gasoline use	gal	0	0.124	0	19.6	0	0.11	0	0.0045	0	0.00054	0	0.000039	0
Transportation gasoline use - car	gal	65.4	0.124	8.1096	19.77	1292.958	0.027	1.7658	0.00036	0.023544	0.003	0.1962	0.0067	0.43818
Transportation gasoline use - passenger truck	gal	0	0.124	0	19.79	0	0.035	0	0.00036	0	0.003	0	0.00661	0
Transportation gasoline use - User Defined	gal	0	0.124	0	19.6	0	0.11	0	0.0045	0	0.00054	0	0.000039	0
Transportation natural gas use	ccf	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
Transportation natural gas use - User Defined	ccf	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
User-defined conventional energy transportation #1	TBD	10	0	0	0	0	0	0	0	0	0	0	0	0
User-defined conventional energy transportation #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
Conventional Energy Subtotals				**31**		**5,077**		**30**		**1**		**1**		**0**
Notes:														
Renewable Energy														
Transportation biodiesel use	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
Transportation biodiesel use - User Defined	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
User-defined renewable energy transportation #1	TBD	0	Biodiesel		0	0	0	0	0	0	0	0	Ref.	
User-defined renewable energy transportation #2	TBD	0	mpg or pmp		0	0	0	0	0	0	0	0	0	0
Renewable Energy Subtotals				**0**		**0**		**0**		**0**		**0**		**0**
Notes:														
Transportation Totals				**31**		**5077**		**30**		**1**		**1**		**0**

Remedial Investigation - Off-Site Footprint (Scope 3b)

Category	Units	Usage	Energy		Greenhouse Gas		NOx		SOx		PM		HAPs	
			Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
Construction Materials														
Aluminum, Rolled Sheet	lb	0	0.0633	0	9.15	0	0.0148	0	0.0283	0	0.0088	0	0.00102	0
Asphalt, mastic	lb	0	0.0412	0	0.85	0	0.00271	0	0.00798	0	0.000766	0	0.00107	0
Asphalt, paving-grade	lb	0	0.5	0	8.58	0	0.0299	0	0.0969	0	0.0091	0	0.0133	0
Ethanol, Corn, 95%	lb	0	0.0318	0	-0.0199	0	0.00425	0	0.00303	0	0.000469	0	0.0000846	0
Ethanol, Corn, 99.7%	lb	0	0.0324	0	0.0591	0	0.00431	0	0.0031	0	0.000472	0	0.000087	0
Ethanol, Petroleum, 99.7%	lb	0	0.0205	0	1.25	0	0.00199	0	0.00214	0	0.000277	0	0.0000589	0
Gravel/Sand Mix, 65% Gravel	lb	0	0.0000248	0	0.0024	0	0.000018	0	4.52E-06	0	2.61E-06	0	3.08E-07	0
Gravel/sand/clay	lb	0	0.000028	0	0.00335	0	0.0000165	0	0.000015	0	0.000002	0	2.05E-10	0
HDPE	lb	0	0.0332	0	1.94	0	0.00325	0	0.00409	0	0.000439	0	0.0000641	0
Photovoltaic system (installed)	W	0	0.0336	0	4.47	0	0.015	0	0.032	0	0.00063	0	0.0000029	0
PVC	lb	172	0.0262	4.5064	2.02	347.44	0.004	0.688	0.00274	0.47128	0.000372	0.063984	0.000375	0.0645
Portland cement, US average	lb	0	0.0139	0	1.34	0	0.00654	0	0.0104	0	0.00378	0	0.00097	0
Ready-mixed concrete, 20 MPa	ft3	0	0.217	0	19.5	0	0.0975	0	0.154	0	0.057	0	0.0141	0
Round Gravel	lb	0	0.0000248	0	0.0024	0	0.000018	0	4.52E-06	0	2.61E-06	0	3.08E-07	0
Sand	lb	1140	0.0000248	0.028272	0.0024	2.736	0.000018	0.02052	4.52E-06	0.0051528	2.61E-06	0.0029754	3.08E-07	0.0003511
Stainless Steel	lb	0	0.0116	0	3.4	0	0.0075	0	0.012	0	0.0044	0	0.000144	0
Steel	lb	342	0.0044	1.5048	1.1	376.2	0.0014	0.4788	0.0017	0.5814	0.00056	0.19152	0.000067	0.022914
Other refined construction materials	lb	0	0.01885	0	2.115	0	0.0040375	0	0.0051325	0	0.0014428	0	0.0001625	0
Other unrefined construction materials	lb	0	0.000028	0	0.00335	0	0.0000165	0	0.000015	0	0.000002	0	2.05E-10	0

Notes:

Remedial Investigation - Off-Site Footprint (Scope 3b)

Category	Units	Usage	Energy		Greenhouse Gas		NOx		SOx		PM		HAPs	
			Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
Treatment Materials & Chemicals														
Cheese Whey	lbs	0	0.0025	0	0.031	0	0.000062	0	0.000033	0	0.000002	0	NP	
Emulsified vegetable oil	lbs	0	0.0077	0	3.44	0	0.0066	0	0.0019	0	0.000033	0	NP	
Granular activated carbon, primary	lbs	0	0.0356	0	4.82	0	0.0793	0	0.128	0	0.000987	0	0.000657	0
Granular activated carbon, regenerated	lbs	0	0.00873	0	1.7	0	0.00733	0	0.0129	0	0.000886	0	0.000671	0
Hydrogen Peroxide, 50% in H2O	lbs	0	0.00979	0	1.19	0	0.00142	0	0.0024	0	0.000308	0	0.0000629	0
Iron (II) Sulfate	lbs	0	0.00147	0	0.167	0	0.000316	0	0.000589	0	0.000103	0	0.000023	0
Lime, Hydrated, Packed	lbs	0	0.00206	0	0.762	0	0.000513	0	0.000358	0	0.00013	0	6.57E-06	0
Molasses	lbs	0	0.0044	0	0.48	0	0.0011	0	0.00024	0	0.0000041	0	NP	
Phosphoric Acid, 70% in H2O	lbs	0	0.0067	0	0.882	0	0.00282	0	0.0294	0	0.00171	0	0.000163	0
Potassium Permanganate	lbs	0	0.00981	0	1.16	0	0.00234	0	0.0032	0	0.000422	0	0.000122	0
Sodium Hydroxide, 50% in H2O	lbs	0	0.00977	0	1.09	0	0.00194	0	0.00352	0	0.000403	0	0.000129	0
Other Treatment Chemicals & Materials	lbs	0	0.015	0	1.67	0	0.003	0	0.0065	0	0.00061	0	0.000016	0
Notes:														
Fuel Processing														
Biodiesel produced	gal	0	0.029	0	-16.8	0	0.018	0	0.033	0	0.00082	0	NP	
Diesel produced	gal	423.575	0.017	7.200775	3.02	1279.1965	0.0051	2.1602325	0.0062	2.626165	0.0017	0.7200775	0.0011	0.4659325
Gasoline produced	gal	65.4	0.033	2.1582	2.8	183.12	0.0046	0.30084	0.005	0.327	0.0015	0.0981	0.001	0.0654
Liquefied Petroleum Gas Produced	gal	0	0.088	0	1.47	0	0.0016	0	0.0024	0	0.0007	0	0.0003	0
Natural Gas - Compressed Produced	ccf	0	19.983	0	343.92	0	0.4732	0	2.1651	0	0.1846	0	0.2895	0
Natural Gas Produced	ccf	0	0.0052	0	2.2	0	0.0037	0	0.0046	0	0.000072	0	0.0000061	0
Fuel Processing Subtotals				**9.358975**		**1462.3165**		**2.4610725**		**2.953165**		**0.8181775**		**0.5313325**
Notes:														
Public water	gal x 1000	0.066	0.0092	0.0006072	5	0.33	0.0097	0.0006402	0.0059	0.0003894	0.016	0.001056	0.000015	9.9E-07
User-defined water resource #1	gal x 1000	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined water resource #2	gal x 1000	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes:														

Remedial Investigation - Off-Site Footprint (Scope 3b)

			Energy		Greenhouse Gas		NOx		SOx		PM		HAPs	
Category	Units	Usage	Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
Off-Site Services														
Hazardous waste incineration	lb	0	0.00609	0	2.43	0	0.0016	0	0.00167	0	0.000209	0	0.000087	0
Off-site waste water treatment (POTW)	gal x 1000	0	0.015	0	4.4	0	0.016	0	0.015	0	NP		NP	
Off-site non-hazardous waste landfill	ton	0	0.16	0	25	0	0.14	0	0.075	0	0.4	0	0.0014	0
Off-site hazardous waste landfill	ton	0	0.18	0	27.5	0	0.154	0	0.0825	0	0.44	0	0.00154	0
Off-site Laboratory Analysis - Other	sample	339	0.058071	19.686079	6.8534384	2323.3156	0.131402	44.545264	0.3038758	103.01388	0.0455698	15.44817	0.0330165	11.192603
Off-site Laboratory Analysis - Metals	sample	66	0.212	13.992	27.4693	1812.9738	0.6423	42.3918	1.5072	99.4752	0.2264	14.9424	0.1643	10.8438
Off-site Laboratory Analysis - Mercury	sample	66	0.0731715	4.8293172	9.325458	615.48023	0.2127439	14.041097	0.4982396	32.883814	0.0747359	4.932572	0.0542332	3.5793886
Off-site Laboratory Analysis - Inorganic Anions	sample	0	0.0074025	0	0.6459478	0	0.0067681	0	0.0147929	0	0.0022024	0	0.0015542	0
Off-site Laboratory Analysis - Alkalinity	sample	0	0.0174398	0	1.3381922	0	0.0070106	0	0.0132496	0	0.00194	0	0.0012831	0
Off-site Laboratory Analysis - Perchlorate	sample	0	0.023885	0	1.8717054	0	0.0079807	0	0.0141535	0	0.0020547	0	0.0012875	0
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0	0.0336475	0	4.29897	0	0.0954592	0	0.2226646	0	0.0335099	0	0.0242506	0
Off-site Laboratory Analysis - Sulfate	sample	0	0.0141225	0	1.4726728	0	0.0079807	0	0.0136024	0	0.0019797	0	0.0012015	0
Off-site Laboratory Analysis - PCBs	sample	66	0.0512769	3.3842754	5.224902	344.84353	0.0833339	5.5000361	0.1904774	12.571511	0.0284393	1.8769964	0.0212083	1.3997446
Off-site Laboratory Analysis - VOCs	sample	80	0.0762045	6.0963589	9.016814	721.34512	0.104498	8.3598432	0.2270738	18.165904	0.0339508	2.7160672	0.0235892	1.8871376
Off-site Laboratory Analysis - SVOCs	sample	66	0.0715602	4.7229721	7.870422	519.44785	0.1459445	9.6323383	0.3373038	22.262051	0.0504853	3.3320324	0.0372577	2.4590108
Notes:														
Resource Extraction for Electricity														
Coal extraction and processing	MWh	0	3.1	0	180.0	0	0.8	0	0.2	0	0.0	0	NP	
Natural gas extraction and processing	MWh	0	1.6	0	270.0	0	0.2	0	13.0	0	0.0	0	NP	
Nuclear fuel extraction and processing	MWh	0	0.2	0	25.0	0	0.2	0	0.5	0	0.0	0	NP	
Oil extraction and processing	MWh	0	2.3	0	270.0	0	1.7	0	0.1	0	0.0	0	NP	
Other fuel extraction and processing	MWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Extraction Subtotals				**0**		**0**		**0**		**0**		**0**		**0**
Notes:														
Electricity Transmission														
Transmission and distribution losses	MWh	0	1.0342	0	112.43	0	0.22421	0	0.4607887	0	0.0057518	0	0.0210237	0
Notes:														

Remedial Investigation - Off-Site Footprint (Scope 3b)

			Energy		Greenhouse Gas		NOx		SOx		PM		HAPs	
Category	Units	Usage	Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
User-defined Materials														
BENSEAL (Sodium Bentonite)	50lb bag	6	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #4	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #5	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #6	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #7	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #8	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #9	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #10	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #11	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #12	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #13	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #14	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #15	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #16	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #17	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #18	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #19	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined material #20	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes:														
User-defined Waste Destinations														
User-defined recycled/reused off-site #1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined recycled/reused off-site #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined recycled/reused off-site #3	TBD	0	y(MMBtu/t		lbs CO2e/t		Dx(lbs/unit		Dx(lbs/unit		M(lbs/unit)		APs(lbs/unit	
User-defined non-hazardous waste destination #1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined non-hazardous waste destination #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined non-hazardous waste destination #3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined hazardous waste destination #1	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined hazardous waste destination #2	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
User-defined hazardous waste destination #3	TBD	0	0	0	0	0	0	0	0	0	0	0	0	0
Notes:														
Off-site Totals				**68.110057**		**8526.4287**		**128.11941**		**292.38375**		**44.325951**		**31.980783**

Remedial Investigation - Intermediate Totals

Category	Units	Usage	Energy		Greenhouse Gas		NOx		SOx		PM		HAPs	
			Conv. Factor	MMBtus	Conv. Factor	lbs CO2e	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs	Conv. Factor	lbs
Total Grid Electricity Footprint														
On-site grid electricity	MWh	0	3.413	0										
Electricity Generation														
Grid electricity	MWh	0	6.929	0	1124.3	0	2.2421	0	4.6078874	0	0.057518	0	0.2102371	0
Resource Extraction for Electricity														
Coal extraction and processing	MWh	0	3.1	0	180.0	0	0.8	0	0.2	0	0.0	0	NP	
Natural gas extraction and processing	MWh	0	1.6	0	270.0	0	0.2	0	13.0	0	0.0	0	NP	
Nuclear fuel extraction and processing	MWh	0	0.2	0	25.0	0	0.2	0	0.5	0	0.0	0	NP	
Oil extraction and processing	MWh	0	2.3	0	270.0	0	1.7	0	0.1	0	0.0	0	NP	
Other fuel extraction and processing	MWh	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Electricity Transmission														
Transmission and distribution losses	MWh	0	1.0342	0	112.43	0	0.22421	0	0.4607887	0	0.0057518	0	0.0210237	0
Total Grid Electricity Footprint				**0**		**0**		**0**		**0**		**0**		**0**
Total Fuel Footprints														
Total Gasoline Footprint														
On-site gasoline use - Other	gal	0	0.124	0	19.6	0	0.11	0	0.0045	0	0.00054	0	0.000039	0
On-site gasoline use <25 hp	gal	0	0.124	0	17.48	0	0.037	0	0.00025	0	0.165	0	0.00008	0
On-site gasoline use >25 hp	gal	0	0.124	0	19.93	0	0.032	0	0.00029	0	0.002	0	0.00009	0
Transportation gasoline use	gal	0	0.124	0	19.6	0	0.11	0	0.0045	0	0.00054	0	0.000039	0
Transportation gasoline use - car	gal	65.4	0.124	8.1096	19.77	1292.958	0.027	1.7658	0.00036	0.023544	0.003	0.1962	0.0067	0.43818
Transportation gasoline use - passenger truck	gal	0	0.124	0	19.79	0	0.035	0	0.00036	0	0.003	0	0.00661	0
Transportation gasoline use - User Defined	gal	0	0.124	0	19.6	0	0.11	0	0.0045	0	0.00054	0	0.000039	0
Gasoline produced	gal	65.4	0.033	2.1582	2.8	183.12	0.0046	0.30084	0.005	0.327	0.0015	0.0981	0.001	0.0654
Total Gasoline Footprint		**65.4**		**10.2678**		**1476.078**		**2.06664**		**0.350544**		**0.2943**		**0.50358**
Total Diesel Footprint														
On-site diesel use - Other	gal	255.375	0.139	35.497125	22.5	5745.9375	0.17	43.41375	0.0054	1.379025	0.0034	0.868275	0.0000052	0.001328
On-site diesel use <75 hp	gal	0	0.139	0	22.21	0	0.1565	0	0.000145	0	0.0145	0	0.00004	0
On-site diesel use 75<hp<750	gal	0	0.139	0	22.24	0	0.101	0	0.00013	0	0.009	0	0.00004	0
On-site diesel use >750 hp	gal	0	0.139	0	22.24	0	0.149	0	0.00013	0	0.006	0	0.00004	0
Transportation diesel use	gal	168.2	0.139	23.3798	22.5	3784.5	0.17	28.594	0.0054	0.90828	0.0034	0.57188	0.0000052	0.0008746
Transportation diesel use - car	gal	0	0.139	0	22.57	0	0.015	0	0.0002	0	0.003	0	0.00252	0
Transportation diesel use - passenger truck	gal	0	0.139	0	22.545	0	0.0585	0	0.0002	0	0.007	0	0.002605	0
Transportation diesel use - User Defined	gal	0	0.139	0	22.5	0	0.17	0	0.0054	0	0.0034	0	0.0000052	0
Diesel produced	gal	423.575	0.017	7.200775	3.02	1279.1965	0.0051	2.1602325	0.0062	2.626165	0.0017	0.7200775	0.0011	0.4659325
Total Diesel Footprint		**423.575**		**66.0777**		**10809.634**		**74.167983**		**4.91347**		**2.1602325**		**0.4681351**
Total Biodiesel Footprint														
On-site biodiesel use	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
On-site biodiesel use - User Defined	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
Transportation biodiesel use	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
Transportation biodiesel use - User Defined	gal	0	0.127	0	22.3	0	0.2	0	0	0	0.00099	0	NP	
Biodiesel produced	gal	0	0.029	0	-16.8	0	0.018	0	0.033	0	0.00082	0	NP	
Total Biodiesel Footprint		**0**		**0**		**0**		**0**		**0**		**0**		**0**
Total Natural Gas Footprint														
On-site natural gas use	ccf	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
Transportation natural gas use	ccf	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
Transportation natural gas use - User Defined	ccf	0	0.103	0	13.1	0	0.01	0	0.0000063	0	0.00076	0	0.0000084	0
Natural gas produced	ccf	0	0.0052	0	2.2	0	0.0037	0	0.0046	0	0.000072	0	0.0000061	0
Total Natural Gas Footprint		**0**		**0**		**0**		**0**		**0**		**0**		**0**
Total Liquified Petroleum Gas Footprint														
On-site liquified petroleum gas use - Other	ccf	0	NP		12.69	0	0.021	0	0.00013	0	0.001	0	0	0
On-site liquified petroleum gas use	ccf	0	NP		12.69	0	0.021	0	0.00013	0	0.001	0	0	0
Liquified petroleum gas produced	ccf	0	0.088	0	1.47	0	0.0016	0	0.0024	0	0.0007	0	0.0003	0
Total Natural Gas Footprint		**0**		**0**		**0**		**0**		**0**		**0**		**0**
Total Compressed Gas Footprint														
On-site compressed gas use - Other	ccf	0	NP		1957.835	0	16.0325	0	0.023045	0	0.2775	0	0	0
On-site compressed gas use	ccf	0	NP		1957.835	0	16.0325	0	0.023045	0	0.2775	0	0	0
Compressed gas produced	ccf	0	19.983	0	343.92	0	0.4732	0	2.1651	0	0.1846	0	0.2895	0
Total Natural Gas Footprint		**0**		**0**		**0**		**0**		**0**		**0**		**0**

Notes:

Item or Activity	Unit	Default Conversion Factors Parameters Used, Extracted, Emitted, or Generated Energy Used MMBtu	GHG* Emitted lbs CO2e	NOx Emitted lbs	SOx Emitted lbs	PM Emitted lbs	HAPs Emitted lbs	REFERENCE # (Corresponds to list of references below)
Fuel Combustion								
Biodiesel use	gal	0.127	22.3	0.20	0	0.00099	NP	1
Diesel use	gal	0.139	22.5	0.17	0.0054	0.0034	5.2E-06	2
Diesel use - equipment <75 hp	gal	0.139	22.21	0.1565	0.000145	0.0145	4.0E-05	3
Diesel use - equipment >75 hp and <750 hp	gal	0.139	22.24	0.101	0.00013	0.009	4.0E-05	3
Diesel use - equipment >750 hp	gal	0.139	22.24	0.149	0.00013	0.006	4.0E-05	3
Diesel use - passenger car	gal	0.139	22.57	0.015	0.0002	0.003	2.5E-03	3
Diesel use - passenger truck	gal	0.139	22.545	0.0585	0.0002	0.007	2.6E-03	3
Diesel use - transport with combination truck	gal	0.139	22.53	0.122	0.0002	0.011	2.1E-03	3
Diesel use - transport with freight train	gal	0.139	25.26	0.307	0.00634	0.009	4.4E-03	3
Diesel use - transport with single unit truck	gal	0.139	22.52	0.088	0.0002	0.012	2.0E-03	3
Gasoline use	gal	0.124	19.6	0.11	0.0045	0.00054	3.9E-05	4
Gasoline use - equipment <25 hp	gal	0.124	17.48	0.037	0.00025	0.165	8.0E-05	3
Gasoline use - equipment >25 hp	gal	0.124	19.93	0.032	0.00029	0.002	9.0E-05	3
Gasoline use - passenger car	gal	0.124	19.77	0.027	0.00036	0.003	6.7E-03	3
Gasoline use - passenger truck	gal	0.124	19.79	0.035	0.00036	0.003	6.6E-03	3
Liquified petroleum gas use	gal	NP	12.69	0.021	0.00013	0.001	0.0E+00	3
Natural gas use	ccf	0.103	13.1	0.01	0.0000063	0.00076	8.4E-06	5
Natural gas use - compressed	ccf	NP	1957.835	16.0325	0.023045	0.2775	0.0E+00	3
Landfill gas use	ccf CH4	0.103	13.1	0.01	0.0000063	0.00076	8.4E-06	5
Construction Materials								
Aluminum, Rolled Sheet	lb	0.0633	9.15	0.0148	0.0283	0.0088	0.00102	3
Asphalt, mastic	lb	0.0412	0.85	0.0027	0.00798	0.0008	0.00107	3
Asphalt, paving-grade	lb	0.5000	8.58	0.0299	0.0969	0.0091	0.0133	3
Ethanol, Corn, 95%	lb	0.0318	-0.0199	0.00425	0.00303	0.000469	8.46E-05	3
Ethanol, Corn, 99.7%	lb	0.0324	0.0591	0.00431	0.0031	0.000472	8.70E-05	3
Ethanol, Petroleum, 99.7%	lb	0.0205	1.25	0.00199	0.00214	0.000277	5.89E-05	3
Gravel/Sand Mix, 65% Gravel	lb	2.48E-05	0.0024	0.00002	4.52E-06	0.000003	3.08E-07	3
Gravel/sand/clay	lb	0.000028	0.0034	0.000017	0.000015	0.0000020	2.1E-10	6
HDPE	lb	3.32E-02	1.9400	0.003250	0.00409	0.000439	6.4E-05	7
Photovoltaic system (installed)	W	0.034	4.5	0.015	0.032	0.00063	2.9E-06	8
PVC	lb	0.0262	2.02	0.004	0.00274	0.000372	3.8E-04	3
Portland cement, US average	lb	0.0139	1.34	0.00654	0.0104	0.00378	9.7E-04	3
Ready-mixed concrete, 20 MPa	ft^3	0.217	19.5	0.0975	0.154	0.057	0.0141	3
Round Gravel	lb	0.0000248	0.0024	0.000018	4.52E-06	2.61E-06	3.1E-07	3
Sand	lb	0.0000248	0.0024	0.000018	4.52E-06	2.61E-06	3.1E-07	3
Stainless Steel	lb	0.012	3.4	0.0075	0.012	0.0044	1.4E-04	9
Steel	lb	0.0044	1.1	0.0014	0.0017	0.00056	6.7E-05	10
Other refined construction materials	lb	0.019	2.1150	0.0040	0.0051	0.0014	1.6E-04	11
Other unrefined construction materials	lb	0.000028	0.00335	0.000017	0.000015	0.000002	2.05E-10	12
Treatment Materials & Chemicals								
Cheese Whey	lb	0.0025	0.031	0.000062	0.000033	0.000002	NP	13
Emulsified vegetable oil	lb	0.0077	3.44	0.0066	0.0019	0.000033	NP	14
Granular activated carbon, primary	lb	0.0356	4.82	0.0793	0.128	0.000987	0.000657	3
Granular activated carbon, regenerated	lb	0.00873	1.7	0.00733	0.0129	0.000886	0.000671	3
Hydrogen Peroxide, 50% in H2O	lb	0.00979	1.19	0.00142	0.0024	0.000308	6.29E-05	3
Iron (II) Sulfate	lb	0.00147	0.167	0.000316	0.000589	0.000103	2.30E-05	3
Lime, Hydrated, Packed	lb	0.00206	0.762	0.000513	0.000358	0.00013	6.57E-06	3
Molasses	lb	0.0044	0.48	0.0011	0.00024	0.0000041	NP	15
Phosphoric Acid, 70% in H2O	lb	0.0067	0.882	0.00282	0.0294	0.00171	0.000163	3
Potassium Permanganate	lb	0.00981	1.16	0.00234	0.0032	0.000422	0.000122	3
Sodium Hydroxide, 50% in H2O	lb	0.00977	1.09	0.00194	0.00352	0.000403	0.000129	3
Other Treatment Chemicals & Materials*	lb	0.015	1.7	0.003	0.0065	0.00061	1.6E-05	16
Fuel Processing								
Biodiesel Produced	gal	0.029	-16.8	0.018	0.033	0.00082	NP	1
Diesel Produced	gal	0.017	3.02	0.0051	0.0062	0.0017	1.1E-03	17
Gasoline Produced	gal	0.033	2.8	0.0046	0.005	0.0015	1.0E-03	18
Liquefied Petroleum Gas	gal	0.088	1.47	0.0016	0.0024	0.0007	3.0E-04	3
Natural Gas - Compressed Produced	ccf	19.983	343.92	0.4732	2.1651	0.1846	2.9E-01	3
Natural Gas Produced	ccf	0.0052	2.2	0.0037	0.0046	0.000072	6.1E-06	19
Public water	gal x 1000	0.0092	5	0.0097	0.0059	0.016	1.50E-05	20
Off-Site Services								
Hazardous Waste Incineration	lb	0.00609	2.43	0.0016	0.00167	0.000209	0.000087	3
Off-site waste water treatment (POTW)	gal x 1000	0.015	4.4	0.016	0.015	NP	NP	21
Off-site non-hazardous waste landfill	ton	0.16	25	0.14	0.075	0.4	1.40E-03	22
Off-site hazardous waste landfill	ton	0.18	27.5	0.154	0.0825	0.44	1.54E-03	23
Off-site Laboratory Analysis - Other	sample	0.0581	6.8534	0.1314	0.3039	0.0456	0.0330	24
Off-site Laboratory Analysis - Metals	sample	0.2120	27.5	0.6423	1.5072	0.2264	1.64E-01	3
Off-site Laboratory Analysis - Mercury	sample	0.0732	9.3	0.2127	0.4982	0.0747	5.42E-02	3
Off-site Laboratory Analysis - Inorganic Anions	sample	0.0074	0.6	0.0068	0.0148	0.0022	1.55E-03	3
Off-site Laboratory Analysis - Alkalinity	sample	0.0174	1.3	0.0070	0.0132	0.0019	1.28E-03	3
Off-site Laboratory Analysis - Perchlorate	sample	0.0239	1.9	0.0080	0.0142	0.0021	1.29E-03	3
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0.0336	4.3	0.0955	0.2227	0.0335	2.43E-02	3

Off-site Laboratory Analysis - Sulfate	sample	0.0141	1.5	0.0080	0.0136	0.0020	1.20E-03	3
Off-site Laboratory Analysis - PCBs	sample	0.0513	5.2	0.0833	0.1905	0.0284	2.12E-02	3
Off-site Laboratory Analysis - VOCs	sample	0.0762	9.0	0.1045	0.2271	0.0340	2.36E-02	3
Off-site Laboratory Analysis - SVOCs	sample	0.0716	7.9	0.1459	0.3373	0.0505	3.73E-02	3
Resource Extraction for Electricity								
Coal extraction and processing	MWh	3.1	180	0.77	0.15	0.018	NP	25
Natural gas extraction and processing	MWh	1.6	270	0.18	13	0.0071	NP	26
Nuclear fuel extraction and processing	MWh	0.16	25	0.15	0.5	0.0015	NP	27
Oil extraction and processing	MWh	2.3	270	1.7	0.069	0.042	NP	28
Grid renewable electricity	MWh	NP	NP	NP	NP	NP	NP	

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

REFERENCES:

Default Conversion Factors are from EPA's Methodology for Understanding and Reducing a Project's Environmental Footprint, February 2012

1. Life Cycle Inventory of Biodiesel and Petroleum Diesel for Use in an Urban Bus, NREL/SR-580-24089 UC Category 1503, U.S. Department of Agriculture and U.S. Department of Energy, May 1998. The CO2e emissions for "biodiesel produced" are negative because of the uptake of CO2 in the crops used to produce the fuels. This CO2 is emitted during fuel combustion and is reflected in the CO2e emissions for "biodiesel use".

2. Multiple sources

a. Energy and CO2e emissions from Direct Emissions from Mobile Combustion Sources, EPA430-K-08-004, U.S. EPA, May 2008.

b. NOx, SOx, PM, and HAPs from NREL: SS_Transport, single unit truck, diesel powered.xls

3. Randall, P., Meyer, D., Ingwersen, W., Vineyard, D., Bergmann, M., Unger, S., and Gonzalez, M., 2016. Life Cycle Inventory (LCI) Data- Treatment Chemicals, Construction Materials, Transportation, On-site Equipment, and Other Processes for Use in Spreadsheets for Environmental Footprint Analysis (SEFA): Revised Addition. U.S. Environmental Protection Agency, Office of Research and Development, Cincinnati, OH. EPA/600/R-16/176a.

4. Multiple sources

a. Energy and CO2e emissions from Direct Emissions from Mobile Combustion Sources, EPA430-K-08-004, U.S. EPA, May 2008.

b. NOx, SOx, PM, and HAPs from NREL: SS_Transport, single unit truck, gasoline powered.xls

5. Multiple sources and simplifying assumption that emissions of natural gas reasonably represent combustion of methane component of landfill gas

a. Energy and CO2e emissions for compressed natural gas in heavy vehicles from Direct Emissions from Mobile Combustion Sources, EPA430-K-08-004, U.S. EPA, May 2008.

b. NOx, SOx, PM, and HAPs from NREL: SS_Natural gas, combusted in industrial boiler.xls

6. EUROPA – Gravel 2/32

7. EUROPA – Polyethylene high density granulate (PE-HD)

8. Life-Cycle Assessment of the 33 kW Photovoltaic System on the Dana Building at the University of Michigan Thin Film Laminates, Multi-Crystalline Modules, and Balance of System Components Sergio Pacca, Deepak Sivaraman and Gregory A. Keoleian Center for Sustainable Systems, University of Michigan Report No. CSS05-09, June 1, 2006

9. EUROPA – Stainless steel

10. EUROPA – Average of Steel hot rolled section, Steel hot rolled coil, Steel rebar

11. Averages of conversion factors for cement, HDPE, PVC, stainless steel, and steel

12. Same as conversion factors for gravel/sand/clay

13. Offset values for cheese whey obtained from the module for yellow cheese from Nielsen PH, Nielsen AM, Weidema BP, Dalgaard R and Halberg N (2003). LCA food data base. www.lcafood.dk, Andersen M and Jensen JD (2003). Marginale producenter af udvalgte basislevnedsmidler (in Danish) Udkast d. 5. februar 2003.

14. Values for rapeseed oil from Nielsen PH, Nielsen AM, Weidema BP, Dalgaard R and Halberg N (2003). LCA food data base. www.lcafood.dk. Landbrugets rådgivningscenter (2000). Tal fra Fodermiddeltabellen, Raport nr. 91. In Danish. Weidema BP (1999). System expansions to handle co-products of renewable materials. Presentation Summaries of the 7th LCA Scenarios Symposium SETAC-Europe, 1999. Pp. 45-48. pdf. Weidema B (2003). Market information in life cycle assessments. Technical report, Danish Environmental Protection Agency (Environmental Project no. 863).

15. Offset values for molasses obtained from the module for sugar from Nielsen PH, Nielsen AM, Weidema BP, Dalgaard R and Halberg N (2003). LCA food data base. www.lcafood.dk, Sugar Production based on Danisco Sugar Author: Per H. Nielsen July 2003

16. Intended for any common treatment chemical in pure form including chemical oxidants and regenerated granular activated carbon. For chemical solutions, use only the mass of the chemical portion of the solution. Conversion factor is based on average value of conversion factors for the following seven common treatment chemicals as reported by Ecoinvent v2.1 from the Ecoinvent Centre for Life-Cycle Inventories, http://www.ecoinvent.ch/

- Hydrochloric Acid (30 percent) – normalized to pure hydrochloric acid by dividing by database results by 0.3.

- Sodium hydroxide (50 percent) – normalized to pure sodium hydroxide by dividing database results by 0.5.

- Ferric chloride (iron III chloride)

- Potassium permanganate

- Sodium persulfate

- Chlorine gas

- Hydrogen peroxide (50 percent) – normalized to pure hydrogen peroxide by dividing database result by 0.5.

This averaging approach adds an additional layer of uncertainty to the conversion factors provided. For example, the range for energy is approximately 0.007 MMBtu to 0.025 MMBtu. The average (0.015 MMBtu) may overestimate the energy use value for some of the chemicals below by more than 100 percent and underestimate the energy us value for other chemicals by 40 percent. Additionally, some common treatment chemicals (e.g., sulfuric acid and ferrous sulfate) have energy footprints that are substantially outside the presented range and would not be accurately represented by these values. If an additional level of accuracy is preferred, readers of this methodology are encouraged to seek and document well referenced conversion factors as part of footprint analysis submittals.

17. EUROPA – diesel at refinery

18. EUROPA – gasoline at refinery

19. EUROPA – natural gas at consumer

20. EUROPA - Drinking water from surface water and drinking water from groundwater

21. Calculated based on Life-Cycle Energy and Emissions for Municipal Water and Wastewater Services: Case-Studies of Treatment Plants in US Malavika Tripathi, Center for Sustainable Systems, University of Michigan Report No. CSS07-06, April 17, 2007

22. EUROPA – Inert waste disposal

23. Values from EUROPA inert waste disposal plus an arbitrary additional 10 percent to account additional practices required of a hazardous waste disposal facility

24. The default conversion factors for "Laboratory Analysis – Other" are averages of the default conversion factors for the 10 other laboratory analyses that are provided.

25. NREL – life cycle of electricity from bituminous coal minus the emissions from combusting coal

26. NREL – life cycle of electricity from natural gas minus the emissions from combusting natural gas

27. NREL – life cycle of electricity from nuclear

28. NREL – life cycle of electricity from residual oil minus the emissions from combusting residua oil

NREL = National Renewable Energy Laboratory, Life Cycle Inventory, provided by the National Renewable Energy Laboratory and operated by Alliance for Sustainable Energy, LLC under contract to the U.S. Department of Energy. www.nrel.gov/lci

EUROPA = European Reference Life Cycle Database (ELCD core database), version II compiled under contract on behalf of the European Commission - DG Joint Research Centre - Institute for Environment and Sustainability with technical and scientific support by JRC-IES from early 2008 to early 2009. (http://lca.jrc.ec.europa.eu/lcainfohub/datasetArea.vm)

Footprint Conversion Factors for Grid Electricity Generation - Component 1

Type	% of Total Used	Energy (MMbtu/MWh)		GHG* (lbs CO2e/MWh)		NOx (lbs/MWh)		SOx (lbs/MWh)		PM (lbs/MWh)		HAPs (lbs/MWh)	
		Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %
Coal	30.5%	6.929	2.113345	2200	671	6	1.83	15	4.575	0.092	0.02806	0.66	0.2013
Natural Gas	33.9%	6.929	2.348931	1300	440.7	1.1	0.3729	0.0066	0.0022374	0.08	0.02712	0.025	0.008475
Oil	0.7%	6.929	0.048503	1800	12.6	2.2	0.0154	2.8	0.0196	0.13	0.00091	0.066	0.000462
Nuclear	19.8%	6.929	1.371942	0	0	0	0	0	0	0	0	0	0
Biomass	1.7%	6.929	0.117793	0	0	1.4	0.0238	0.65	0.01105	0.084	0.001428	5.30E-06	9.01E-08
Geothermal	0.4%	6.929	0.027716	0	0	0	0	0	0	0	0	0	0
Hydro	6.4%	6.929	0.443456	0	0	0	0	0	0	0	0	0	0
Solar	0.9%	6.929	0.062361	0	0	0	0	0	0	0	0	0	0
Wind	5.6%	6.929	0.388024	0	0	0	0	0	0	0	0	0	0
Other	0.1%	6.929	0.006929	0	0	0	0	0	0	0	0	0	0
Totals	**100%**		**6.929**		**1124.3**		**2.2421**		**4.6078874**		**0.057518**		**0.21023709**

Note: "Total" cell has "See Note" if the all percentages in the "% of Total Used" column do not add to 100%.

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

Footprint Conversion Factors for Grid Electricity Generation - Component 2

Type	% of Total Used	Energy (MMbtu/MWh)		GHG* (lbs CO2e/MWh)		NOx (lbs/MWh)		SOx (lbs/MWh)		PM (lbs/MWh)		HAPs (lbs/MWh)	
		Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %
Coal	6.0%	6.929	0.41574	2200	132	6	0.36	15	0.9	0.092	0.00552	0.66	0.0396
Natural Gas	10.0%	6.929	0.6929	1300	130	1.1	0.11	0.0066	0.00066	0.08	0.008	0.025	0.0025
Oil	5.0%	6.929	0.34645	1800	90	2.2	0.11	2.8	0.14	0.13	0.0065	0.066	0.0033
Nuclear	2.0%	6.929	0.13858	0	0	0	0	0	0	0	0	0	0
Biomass	66.0%	6.929	4.57314	0	0	1.4	0.924	0.65	0.429	0.084	0.05544	5.30E-06	3.50E-06
Geothermal	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Hydro	11.0%	6.929	0.76219	0	0	0	0	0	0	0	0	0	0
Solar	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Wind	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Other	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Totals	**100%**		**6.929**		**352**		**1.504**		**1.46966**		**0.07546**		**0.0454035**

Note: "Total" cell has "See Note" if the all percentages in the "% of Total Used" column do not add to 100%.

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

Footprint Conversion Factors for Grid Electricity Generation - Component 3

Type	% of Total Used	Energy (MMbtu/MWh)		GHG* (lbs CO2e/MWh)		NOx (lbs/MWh)		SOx (lbs/MWh)		PM (lbs/MWh)		HAPs (lbs/MWh)	
		Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %
Coal	6.0%	6.929	0.41574	2200	132	6	0.36	15	0.9	0.092	0.00552	0.66	0.0396
Natural Gas	10.0%	6.929	0.6929	1300	130	1.1	0.11	0.0066	0.00066	0.08	0.008	0.025	0.0025
Oil	5.0%	6.929	0.34645	1800	90	2.2	0.11	2.8	0.14	0.13	0.0065	0.066	0.0033
Nuclear	2.0%	6.929	0.13858	0	0	0	0	0	0	0	0	0	0
Biomass	66.0%	6.929	4.57314	0	0	1.4	0.924	0.65	0.429	0.084	0.05544	5.30E-06	3.50E-06
Geothermal	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Hydro	11.0%	6.929	0.76219	0	0	0	0	0	0	0	0	0	0
Solar	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Wind	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Other	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Totals	**100%**		**6.929**		**352**		**1.504**		**1.46966**		**0.07546**		**0.0454035**

Note: "Total" cell has "See Note" if the all percentages in the "% of Total Used" column do not add to 100%.

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

Footprint Conversion Factors for Grid Electricity Generation - Component 4

Type	% of Total Used	Energy (MMbtu/MWh)		GHG* (lbs CO2e/MWh)		NOx (lbs/MWh)		SOx (lbs/MWh)		PM (lbs/MWh)		HAPs (lbs/MWh)	
		Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %
Coal	6.0%	6.929	0.41574	2200	132	6	0.36	15	0.9	0.092	0.00552	0.66	0.0396
Natural Gas	10.0%	6.929	0.6929	1300	130	1.1	0.11	0.0066	0.00066	0.08	0.008	0.025	0.0025
Oil	5.0%	6.929	0.34645	1800	90	2.2	0.11	2.8	0.14	0.13	0.0065	0.066	0.0033
Nuclear	2.0%	6.929	0.13858	0	0	0	0	0	0	0	0	0	0
Biomass	66.0%	6.929	4.57314	0	0	1.4	0.924	0.65	0.429	0.084	0.05544	5.30E-06	3.50E-06
Geothermal	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Hydro	11.0%	6.929	0.76219	0	0	0	0	0	0	0	0	0	0
Solar	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Wind	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Other	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Totals	**100%**		**6.929**		**352**		**1.504**		**1.46966**		**0.07546**		**0.0454035**

Note: "Total" cell has "See Note" if the all percentages in the "% of Total Used" column do not add to 100%.

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

Footprint Conversion Factors for Grid Electricity Generation - Component 5

Type	% of Total Used	Energy (MMbtu/MWh)		GHG* (lbs CO2e/MWh)		NOx (lbs/MWh)		SOx (lbs/MWh)		PM (lbs/MWh)		HAPs (lbs/MWh)	
		Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %
Coal	6.0%	6.929	0.41574	2200	132	6	0.36	15	0.9	0.092	0.00552	0.66	0.0396
Natural Gas	10.0%	6.929	0.6929	1300	130	1.1	0.11	0.0066	0.00066	0.08	0.008	0.025	0.0025
Oil	5.0%	6.929	0.34645	1800	90	2.2	0.11	2.8	0.14	0.13	0.0065	0.066	0.0033
Nuclear	2.0%	6.929	0.13858	0	0	0	0	0	0	0	0	0	0
Biomass	66.0%	6.929	4.57314	0	0	1.4	0.924	0.65	0.429	0.084	0.05544	5.30E-06	3.50E-06
Geothermal	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Hydro	11.0%	6.929	0.76219	0	0	0	0	0	0	0	0	0	0
Solar	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Wind	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Other	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Totals	**100%**		**6.929**		**352**		**1.504**		**1.46966**		**0.07546**		**0.0454035**

Note: "Total" cell has "See Note" if the all percentages in the "% of Total Used" column do not add to 100%.

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

Footprint Conversion Factors for Grid Electricity Generation - Component 6

Type	% of Total Used	Energy (MMbtu/MWh)		GHG* (lbs CO2e/MWh)		NOx (lbs/MWh)		SOx (lbs/MWh)		PM (lbs/MWh)		HAPs (lbs/MWh)	
		Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %	Full Load	Adj. by %
Coal	6.0%	6.929	0.41574	2200	132	6	0.36	15	0.9	0.092	0.00552	0.66	0.0396
Natural Gas	10.0%	6.929	0.6929	1300	130	1.1	0.11	0.0066	0.00066	0.08	0.008	0.025	0.0025
Oil	5.0%	6.929	0.34645	1800	90	2.2	0.11	2.8	0.14	0.13	0.0065	0.066	0.0033
Nuclear	2.0%	6.929	0.13858	0	0	0	0	0	0	0	0	0	0
Biomass	66.0%	6.929	4.57314	0	0	1.4	0.924	0.65	0.429	0.084	0.05544	5.30E-06	3.50E-06
Geothermal	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Hydro	11.0%	6.929	0.76219	0	0	0	0	0	0	0	0	0	0
Solar	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Wind	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Other	0.0%	6.929	0	0	0	0	0	0	0	0	0	0	0
Totals	**100%**		**6.929**		**352**		**1.504**		**1.46966**		**0.07546**		**0.0454035**

Note: "Total" cell has "See Note" if the all percentages in the "% of Total Used" column do not add to 100%.

**** Footprint conversion factors for greenhouse gases (CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.***

Note on conversion factors: Full load emission values for GHG, NOx, SOx, PM and HAPs for each fuel type are obtained from www.nrel.gov/lci, as noted in Exhibit 3.17 of EPA's Methodology for Understanding and Reducing a Project's Environmental Footprint, February 2012. Full load conversion factors for Energy are described in Exhibit 3.17 of EPA's Methodology, and in the "Explanation of Elec Conversion Factors" tab in the "Calculations" workbook. Note that some or all of the emission values for nuclear fuel and renewable fuels are assumed in www.nrel.gov/lci to be zero.